

```
# Contains human-readable representation of NFactor::TCodeGenInput message (defined in factors_metadata.proto)
Group: [
  datetime,
  "domain",
  "Rapid Clicks",
  "RegHostStatic",
  "RegDocStatic",
  Regex,
  LinkBM25,
  "TextBM25",
  "TextAndLinkBM25",
  "BM25F",
  "best form",
  UrlBM25,
  "PositionLanguageModel",
  "DBM25",
  AuxBM25,
  "Annotations",
  "Tocm",
  "Bocm",
  "combinedabs",
  SWBM25,
  "QI"
  "Combined Sequences",
  "ExactGroups",
  "QSegments",
  "QueryWordSequencesSTR",
  "QueryWordSequencesLR",
  SynSet Locm,
  "xref",
  "LegacyLR",
  "LegacyTR",
  "Dynamic",
  "BCLM",
  Link Forms,
  "text forms",
  "RegWordHost",
  "Query",
  "QueryTitleSnippetCTR"
]
slice {
  Name: "web_production"
  Factor {
    Index: 0
    CppName: "FI_PAGE_RANK"
    Name: "PR"
    Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/PageRank"
    AntiSeoUpperBound: 1.0
    Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_L2, TG_UNUSED]
    Description: "Page rank. The factor is being remapped."
    Authors: "aavdonkin"
    Responsibles: "aavdonkin"
  }
  Factor {
    Index: 1
    CppName: "FI_TEXT_RELEV"
    Name: "TR"
    AntiSeoUpperBound: 0.95
  }
}
```

```
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Text relevance (maxfreq is the frequency of the most frequent word, which makes sense of the length of the document)."
```

Authors: ["gulin", "iseg", "leo", "maslov"]  
Responsibles: ["gulin", "leo", "maslov"]  
}

```
Factor {
Index: 2
CppName: "FI_LINK_RELEV"
Name: "LR"
AntiSeoUpperBound: 1.0
Group: "Dynamic"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevancy. Factor remapping."
Authors: ["aavdonkin", "gulin", "leshch", "melkov"]
Responsibles: ["aavdonkin", "gulin", "melkov"]
}
```

```
Factor {
Index: 3
CppName: "FI_PAGE_RANK_BONUS"
Name: "PrBonus"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/PageRankBonus"
Group: "Dynamic"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_OFTEN_ZERO, TG_NN_OVER_FEATURES_USE]
Description: "Priority bonus, priority 7 - text priority. The factor is binary, has a value of 0 for all one-word requests, and a value of 1 for almost all two or more word requests, except for a very small number of answers for which there is not a single link that passed the quorum, and the text also did not pass the quorum."
Authors: ["gulin", "leo"]
Responsibles: "pavelgur"
}
```

```
Factor {
Index: 4
CppName: "FI_TEXT_RELEV_ALL_WORDS"
Name: "TRp1"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_NN_OVER_FEATURES_USE]
Description: "TR's strict precedence is text priority - there are all query words somewhere in the document (while they pass query context restrictions, for example, both words should be in the same sentence)."
```

Authors: ["denplusplus", "gulin", "leo"]  
Responsibles: ["alsafr", "gulin", "leo"]  
}

```
Factor {
Index: 5
CppName: "FI_TEXT_RELEV_PHRASE"
Name: "TRp2"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_REARR_USE, TG_NN_OVER_FEATURES_USE]
Description: "The phrase priority for TR is text priority - there are all query words in a row in the document."
Authors: ["denplusplus", "gulin", "leo"]
Responsibles: ["alsafr", "gulin", "leo"]
}
```

```
Factor {
Index: 6
CppName: "FI_LINK_RELEV_ALL_WORDS"
Name: "LRp1"
```

```
Group: "Dynamic"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "(strict) have all query words in one link."
Authors: ["gulin", "leo"]
Responsibles: ["gulin", "leo"]
}
Factor {
Index: 7
CppName: "FI_LINK_RELEV_PHRASE"
Name: "LRp2"
Group: "Dynamic"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_DEPRECATED]
Description: "(phrase) has all query words in a row in one link."
Authors: ["gulin", "leo"]
Responsibles: ["gulin", "leo"]
}
Factor {
Index: 8
CppName: "FI_TEXT_RELEV_TITLE"
Name: "TRtitle"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_NN_OVER_FEATURES_USE]
Description: "The presence of the exact phrase (query text) in the title (more precisely, in the first sentence of the
document). Contextual restrictions and stop words are taken into account exactly as in TRp2, i.e. factor[8] minors
factor[5]"
Authors: ["denplusplus", "gulin", "leo"]
Responsibles: ["alsafr", "gulin", "leo"]
}
Factor {
Index: 9
CppName: "FI_TEXT_RELEV_WHOLE_HR_MATCHED"
Name: "TRhr"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_NN_OVER_FEATURES_USE]
Description: "Met a segment that passed a quorum in which all postings are designated as having relevance
BEST_RELEV (title or meta keywords)."
Authors: ["gulin", "leo"]
Responsibles: ["gulin", "leo"]
}
# TODO(FACTORDEL-65): replace with TG_REMOVED
Factor {
index: 10
CppName: "FI_REMOVED_10"
Name: "Removed_10"
Tags: [TG_UNUSED]
}
Factor {
Index: 11
CppName: "FI_NEWS"
Name: "News"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Klassificacionnye?v=tkd#h45859-3"
Tags: [TG_HOST, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
```

Description: "This is news (determined by characteristic ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Klassificacionnye?v=tkd#h45859-3 patterns in the url)))."

Authors: "gulin"

Responsibles: "gulin"

}

Factor {

Index: 12

CppName: "FI\_SHOP"

Name: "Shop"

AntiSeoUpperBound: 1.0

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Klassificacionnye?v=tkd#h45859-4"

Tags: [TG\_HOST, TG\_STATIC, TG\_BINARY, TG\_DEPRECATED, TG\_OFTEN\_ZERO]

Description: "This is a store offer (determined by the characteristic ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Klassificacionnye?v=tkd#h45859-4 patterns in the url))). Not used (deprecated)"

Authors: "gulin"

Responsibles: "gulin"

}

Factor {

index: 13

CppName: "FI\_CATALOG"

Name: "Cat"

AntiSeoUpperBound: 1.0

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Klassificacionnye?v=tkd#h45859-2"

Tags: [TG\_HOST, TG\_STATIC, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "This is a directory (determined by characteristic ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Klassificacionnye?v=tkd#h45859-2 patterns in url)) or by Yandex - directory)."

Authors: "gulin"

Responsibles: "gulin"

}

Factor {

Index: 14

CppName: "FI\_YA\_BAR"

Name: "YaBar"

AntiSeoUpperBound: 1.0

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/YaBar"

Tags: [TG\_BROWSER, TG\_HOST, TG\_STATIC, TG\_USER, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS, TG\_USERFEAT]

Description: "Attendance from Bar - ((http://wiki.yandex-team.ru/AndrejjKostjagin/YaBarLog/HostStat Data Description)). Factor is remapping."

Authors: ["kostyagin", "somov"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 15

CppName: "FI\_LONG"

Name: "Long"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Long document (the longer the document, the greater the value of the factor)."

Authors: "gulin"

Responsibles: "gulin"

}

```
Factor {
Index: 16
CppName: "FI_HIT_WEIGHT"
Name: "TRhitw"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_REARR_USE, TG_NN_OVER_FEATURES_USE]
Description: "Hitweigt is a variant of text relevance in which the weights of all hits are considered equal (i.e., they do not take into account premiums for title and word proximity). At the same time, the corresponding hits must pass the restrictions of the syntactic wizard, i.e. we can assume that the TRhitw factor is 0 if and only if SoftAndOk is 0"
Authors: ["gulin", "leo"]
Responsibles: ["gulin", "leo"]
}
Factor {
Index: 17
CppName: "FI_LONG_QUERY"
Name: "LongQuery"
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_L3_OVERWRITE, TG_NN_OVER_FEATURES_USE]
Description: "The sum of idf query words. The name does not reflect the essence: for example, for the query 'Gadyach' this factor will be greater than for the query 'Moscow Peter Yekaterinburg Samara'."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 18
CppName: "FI_PURE_TEXT"
Name: "PureText"
Tags: [TG_BINARY, TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/LongText"
Description: "Long text without links."
Authors: "leo"
Responsibles: ["tsimkha", "leo"]
}
Factor {
Index: 19
CppName: "FI_ROOT"
Name: "Root"
AntiSeoUpperBound: 1.0
Tags: [TG_BINARY, TG_DOC, TG_STATIC, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/Root"
Description: "It's a muzzle."
Authors: "gulin"
Responsibles: ["gulin", "tsimkha"]
}
# TODO(FACTORDEL-97): replace with TG_REMOVED, TG_REUSABLE and remove old formulas
Factor {
Index: 20
CppName: "FI_REMOVED_20"
Name: "Removed20"
Tags: [TG_UNUSED]
}
# TODO(FACTORDEL-97): replace with TG_REMOVED, TG_REUSABLE and remove old formulas
Factor {
Index: 21
CppName: "FI_REMOVED_21"
Name: "Removed21"
```

```

Tags: [TG_UNUSED]
}
Factor {
Index: 22
CppName: "FI_GEO"
Name: "Geo"
Tags: [TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_HOST, TG_BINARY, TG_DEPRECATED, TG_UNDOCUMENTED,
TG_OFTEN_ZERO]
Description: "Means the match between the user's region and the site at the country level. Binary factor: 1-matches,
0-no. Based on )"
Authors: ["ark-kum", "gulin", "maslov"]
Responsibles: ["ark-kum", "gulin", "maslov"]
}
Factor {
Index: 23
CppName: "FI_SUBQUERY_THEME_MATCH"
Name: "SubqueryThMatch"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Coincidence of the thematic spectrums of the query and the document. The subject of the query is the
result of the work ((http://wiki.yandex-team.ru/EvgenijKroxalev/subquery SubquerySearch sorcerer's rules)) The
subject of the document is taken from the Yandex catalog"
Authors: ["abokov", "ekrokhalev", "gulin"]
Responsibles: ["gulin", "lamo"]
}
Factor {
Index: 24
CppName: "FI_SR"
Name: "SR"
Tags: [TG_DOC, TG_STATIC, TG_TRANS, TG_UNDOCUMENTED, TG_UNUSED]
Description: "Complex static rank, assembled from static components using a separate formula ((http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/#oftnd1 *))."
Authors: ["gulin", "somov"]
Responsibles: ["gulin", "somov"]
}
Factor {
Index: 25
CppName: "FI_REFINES"
Name: "TRref"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "A factor about the number of refines. There is a feature in the query language user refines ('a word
preceded by a percent sign'). As planned, this means something like 'it would be nice if there was a word in the
document'. The only known (( http://staff.yandex-team.ru/gulin Andrey Gulin)) a valuable use of this feature is the
request [% official % site Company Name]. This feature is unknown to users, because it is not described in any
documentation. that it will disappear from the query language, but words with the USER_REFINE priority will remain
in the magician.The factor indicates how many maximum USER_REFINE words were simultaneously encountered
within a single hit in the quorum.It is considered that they are from 0 to 3 (if > 3, then it is considered , which is 3. This
number maps to the half-interval [0,1)"
Authors: ["gulin", "leo"]
Responsibles: ["gulin", "leo"]
}
Factor {
Index: 26
CppName: "FI_TR_BOOST"
Name: "TRboost"
Group: "Dynamic"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]

```

Description: "The number by which some link factors are multiplied (namely, factors number 6, 7, 47, 66) if the text relevance is 0 and there are few links"

Authors: "gulin"

Responsibles: "gulin"

}

Factor {

Index: 27

CppName: "FI\_TRLR\_LEMMA"

Name: "TRLRlemma"

Group: "Dynamic"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_SAMOHOOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Lemma match occurred in text relevance."

Authors: ["gulin", "leo"]

Responsibles: ["gulin", "leo"]

}

Factor {

Index: 28

CppName: "FI\_TRAFGGRAPH\_OUT\_ALL\_SHARE\_D"

Name: "TrafgraphOutAll\_share\_d"

Tags: [TG\_OWNER, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_COMMERCIAL, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Remapped mascot feature TrafgraphOutAll\_share\_d"

Ticket: "SEARCHSPAM-15531"

Authors: ["bikulov"]

Responsibles: ["bikulov", "sdormidontov"]

ImplementationTime: "2020-09-30"

}

Factor {

Index: 29

CppName: "FI\_RELEV\_SENDS\_DSSM"

Name: "RelevSentsDssm"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_DOC\_TEXT, TG\_NEURAL, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Dssm model, trained on reformulations, uses sentences relevant to the query in the document part"

UseArtifact: {Name: "DssmRelevSents"}

Ticket: "FACTOR-2259"

Authors: ["padese"]

Responsibles: ["padese"]

ImplementationTime: "2020-03-03"

}

Factor {

Index: 30

CppName: "FI\_FRESH\_NEWS\_DETECTOR\_PREDICT"

Name: "FreshNewsDetectorPredict"

Ticket: "WEBFRESH-478"

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_USER, TG\_FRESHNESS\_USE, TG\_L2, TG\_QUERY\_DETECTOR\_PREDICT, TG\_UNUSED, TG\_NOT\_01]

Description: "The value of the news detector calculated in the behemoth. Always 0 if the detector value is less than the threshold."

Authors: ["alejes", "hygge"]

Responsibles: ["alejes", "hygge"]

MinValue: -3e+38

MaxValue: 3e+38

ImplementationTime: "2020-09-27"

}

Factor {

Index: 31

CppName: "FI\_HIT\_NUM\_100"

Name: "LRHitNum100"

Group: "LegacyLR"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "The converted number of query words in all url links."  
Authors: "leshch"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 32  
CppName: "FI\_HIT\_NUM\_GT\_16"  
Name: "LRHitNumGt16"  
Group: "LegacyLR"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_BINARY, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Document has LR>20 number of occurrences of query words in links > 16, pro LR factor."  
Authors: "leshch"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 33  
CppName: "FI\_PCT\_LINKS"  
Name: "PctLinks"  
Group: "LegacyLR"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "For documents with high LR - normalized link relevance without proximity, for documents with low LR 0"  
Authors: "leshch"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 34  
CppName: "FI\_HAS\_LR"  
Name: "HasLR"  
Group: "LegacyLR"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_DEPRECATED]  
Description: "Url high LR."  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 35  
CppName: "FI\_LINK\_QUALITY"  
Name: "LinkQuality"  
Tags: [TG\_DOC, TG\_LINK\_TEXT, TG\_STATIC, TG\_DEPRECATED, TG\_L2]  
Description: "Inbound link quality (Leschiner classifier) - broken, see [405]"  
Authors: "leshch"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 36  
CppName: "FI\_ALICE\_MUSIC\_TRACK\_TITLE\_COSINE\_MATCH\_MAX\_PREDICTION"  
Name: "AliceMusicTrackTitleCosineMatchMaxPrediction"  
Tags: [TG\_UNUSED, TG\_DYNAMIC, TG\_DOC, TG\_ALICE\_MUSIC, TG\_ANNOTATION\_NOFILTER, TG\_TEXT\_MACHINE, TG\_ALLOW\_USE\_FOR\_ALICE]  
Description: "CosineMatchMaxPrediction factor value for AliceMusic stream"  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost>"  
Ticket: ["BUKI-2932"]  
Authors: "anrodigina"  
Responsibles: ["anrodigina", "gotmanov", "hommforever"]  
ImplementationTime: "2020-03-11"



```

}
Factor {
Index: 37
CppName: "FI_NUM_LINKS"
Name: "NumLinks"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NumLinks"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_L2, TG_UNUSED]
Description: "Number of incoming links. Remapping."
Responsibles: ["tsimkha", "alsafr"]
}
Factor {
Index: 38
CppName: "FI_POPULAR_Q"
Name: "PopularQ"
DependsOn: [{"Feature": ["PopularQ"], "Slice": "begemot_query_factors"}]
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_REARR_USE, TG_L2, TG_DEPRECATED]
Group: "Query"
Description: "Query Popularity"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/PopularQ"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 39
CppName: "FI_TR_UNMAPPED"
Name: "TRUnmapped"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "TR divided by the cube of the number of words in the query and converted by the standard remapTR."
Authors: ["denplusplus", "gulin"]
Responsibles: ["alsafr", "gulin"]
}
Factor {
Index: 40
CppName: "FI_RUS_LANG"
Name: "Ruslang"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Document language is Russian."
Authors: ["aalekseev", "denplusplus"]
Responsibles: "alsafr"
}
Factor {
Index: 41
CppName: "FI_ADD_TIME"
Name: "AddTime"
Tags: [TG_DATE, TG_DOC, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The time the page was added, greater is the older document; root the time mapped to the interval [0,1] so that 3+ years is 1."
Authors: ["aalekseev", "denplusplus"]
Responsibles: "alsafr"
}
Factor {
Index: 42
CppName: "FI_IS_MAIN_PAGE"
Name: "IsMainPage"

```

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Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "If the main page of the owner (most often a second-level domain, for example xxxx.ru), then the factor is
1. For homeless people, hosting, personal blogs, etc. (for example, lifejournal, narod.ru, etc.) - third-level domains
(such as xxxxx.narod.ru) will also have a factor of 1."
Authors: ["aalekseev", "denplusplus"]
Responsibles: "alsifr"
}
Factor {
Index: 43
CppName: "FI_ADD_TIME_MP"
Name: "AddTimeMP"
AntiSeoUpperBound: 1.0
Tags: [TG_DATE, TG_HOST, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The time of adding the main page of the owner (host?), remaps the same as AddTime."
Authors: ["aalekseev", "denplusplus"]
Responsibles: "alsifr"
}
Factor {
Index: 44
CppName: "FI_ALICE_MUSIC_TRACK_TITLE_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "AliceMusicTrackTitleAnnotationMaxValueWeighted"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "AnnotationMaxValueWeighted factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 45
CppName: "FI_URL_CLICKS_PCTR"
Name: "QueryURLClicksPCTR"
AntiSeoUpperBound: 0.6
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Countries: CNT_RELEV
Description: "How often a given URL is clicked for a given query - CTR multiplied by a correction factor"
Wiki: "http://wiki.yandex-team.ru/Jandekspoisik/KachestvoPoiska/Clicks#queryurldownerclickspctrfrccomboreg"
Authors: ["akhropov", "solar"]
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 46
CppName: "FI_TEXT_BM25"
Name: "TextBM25"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Simple BM25 by text."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 47

```

```
CppName: "FI_LINK_BM25"
Name: "LinkBM25"
Group: ["LinkBM25", "Dynamic"]
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Simple BM25 by links, link weights are not taken into account."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 48
CppName: "FI_TLBM25"
Name: "TLBM25"
Group: "TextAndLinkBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "A simple BM25 for text and links at the same time."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 49
CppName: "FI_TLP1"
Name: "TLP1"
Group: "TextAndLinkBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "All query words are in the text + links."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 50
CppName: "FI_ADV"
Name: "Adv"
Tags: [TG_OWNER, TG_STATIC, TG_BINARY, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "There are ads on the site."
Authors: ["aalekseev", "denplusplus"]
Responsibles: ["sisoid", "alsifr"]
}
Factor {
Index: 51
CppName: "FI_YANDEX_ADV"
Name: "YandexAdv"
AntiSeoUpperBound: 1.0
Tags: [TG_OWNER, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "There are Yandex ads on the site."
Authors: ["aalekseev", "denplusplus"]
Responsibles: ["sisoid", "alsifr"]
}
Factor {
Index: 52
CppName: "FI_NO_SPAM"
Name: "No Spam"
AntiSeoUpperBound: 1.0
Tags: [TG_OWNER, TG_STATIC, TG_THEME_CLASSIF, TG_REARR_USE, TG_DEPRECATED]
Description: "Spam classifier by antispam features recognized the site as NOT(!) spam. I.e. 0=spam, 1=good."
Authors: ["aalekseev", "denplusplus"]
Responsibles: "alsifr"
}
```

```

Factor {
Index: 53
CppName: "FI_TEXT_PAIR"
Name: "TxtPair"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Simple BM25 by word pairs - we take all pairs of query words and count the number of their occurrences
in the document text. Use the sum of word weights as the weight of the pair. Comm Does not work if the query
contains a stop word"
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 54
CppName: "FI_LINK_PAIR"
Name: "LnkPair"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Same as TxtPair, but for links; link weights are not taken into account."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 55
CppName: "FI_TEXT_BREAK"
Name: "Txt Break"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "BM25 of the number of sentences in the document in which it occurs."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 56
CppName: "FI_TEXT_HEAD"
Name: "TxtHead"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "BM25 according to title only."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 57
CppName: "FI_TEXT_HI_RELEV"
Name: "TxtHiRel"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "BM25 words only with high rel beats ('significant', emphasis (etp))."
Authors: "gulin"
Responsibles: "gulin"
}
# TODO(FACTORD-97): replace with TG_REMOVED, TG_REUSABLE and remove old formulas
Factor {
Index: 58
CppName: "FI_REMOVED_58"
Name: "Removed_58"
}

```

```
Tags: [TG_UNUSED]
}
Factor {
Index: 59
CppName: "FI_WORD_COUNT"
Name: "WordCount"
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Min(number of query words/10, 1.f)"
Authors: ["denplusplus", "gulin"]
Responsibles: ["alsafr", "gulin"]
}
Factor {
Index: 60
CppName: "FI_INV_WORD_COUNT"
Name: "InvWordCount"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "1 / number_of_words_in_query."
Authors: ["denplusplus", "gulin"]
Responsibles: ["alsafr", "gulin"]
}
Factor {
Index: 61
CppName: "FI_HAS_NO_TR"
Name: "HasNoTR"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_NN_OVER_FEATURES_USE]
Description: "Document has no TR."
Authors: ["denplusplus", "gulin"]
Responsibles: ["alsafr", "gulin"]
CanonicalValue: 1.0
}
Factor {
Index: 62
CppName: "FI_HAS_NO_LR"
Name: "HasNoLR"
Group: "LegacyLR"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_DEPRECATED]
Description: "Document has no LR."
Authors: ["denplusplus", "gulin"]
Responsibles: ["gulin", "alsafr"]
CanonicalValue: 1.0
}
Factor {
Index: 63
CppName: "FI_HAS_NO_QUERY_URL_SHOWS"
Name: "HasNoQueryURLShows"
AntiSeoUpperBound: 1.0
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_BINARY, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICKS_SHOWS,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
```

Description: "There is no click-through information for this url for this request 1 - request or request-url is not in the click base, 0 - request-url is in the click base"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#hasnoqueryurldownershows"

Authors: ["denplusplus", "kostyagin"]

Responsibles: ["tarum", "niknik"]

CanonicalValue: 1.0

}

Factor {

Index: 64

CppName: "FI\_HAS\_NO\_QUERY\_SHOWS"

Name: "HasNoQueryShows"

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_BINARY, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Countries: CNT\_RELEV

Description: "There is no click-through information for this request 1 - the request is not in the click base, 0 - the request is in the click base."

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#hasnoqueryshows"

Authors: ["denplusplus", "kostyagin", "akhropov"]

Responsibles: ["tarum", "niknik"]

CanonicalValue: 1.0

}

Factor {

Index: 65

CppName: "FI\_HOPS"

Name: "Hops"

Tags: [TG\_DOC, TG\_STATIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Number of url hops to bypass (such as less - closer to the snout, the smaller the value (0 - snout, 1 - can't be reached from the snout, 0 < can be reached from the snout < 1). The normal value for the nose root is 0.0039)."

Authors: "denplusplus"

Responsibles: "alsafir"

}

Factor {

Index: 66

CppName: "FI\_LOG\_LR"

Name: "LogLR"

AntiSeoUpperBound: 0.85

Group: "Dynamic"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_DEPRECATED]

Description: "Logarithm of LR mapped linearly to [0,1]."

Authors: ["denplusplus", "karpik"]

Responsibles: "alsafir"

}

Factor {

Index: 67

CppName: "FI\_TEXT\_PAIR\_EX"

Name: "TxtPairEx"

Group: "TextBM25"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "the presence of pairs of words in the exact form"

Responsibles: "alsafir"

}

Factor {

Index: 68

CppName: "FI\_TEXT\_BREAK\_EX"

Name: "TxtBreakEx"

```
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "the number of sentences containing many words in the exact form"
Responsibles: "alsafr"
}
Factor {
Index: 69
CppName: "FI_TEXT_HEAD_EX"
Name: "TxtHeadEx"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "the presence of words in the title in the exact form"
Responsibles: "alsafr"
}
Factor {
Index: 70
CppName: "FI_TEXT_HI_RELEV_EX"
Name: "TxtHiRelEx"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "BM25 in exact shape"
Responsibles: "alsafr"
}
Factor {
Index: 71
CppName: "FI_TEXT_BM25_EX"
Name: "TxtBm25Ex"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "A simple BM25 in precise shape."
Responsibles: "alsafr"
}
Factor {
Index: 72
CppName: "FI_TEXT_PAIR_SYN"
Name: "TxtPairSy"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "the presence of pairs of words, taking into account synonyms (>=TxtPair)"
Responsibles: "alsafr"
}
Factor {
Index: 73
CppName: "FI_TEXT_BRAEK_SYN"
Name: "TxtBreakSy"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "the number of sentences in which there are many words, taking into account synonyms"
Responsibles: "alsafr"
}
Factor {
Index: 74
CppName: "FI_TEXT_HEAD_SYN"
Name: "TxtHeadSy"
Group: "TextBM25"
```

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_REARR\_USE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "the presence of words in the title, taking into account synonyms"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 75  
CppName: "FI\_TEXT\_HI\_RELEV\_SYN"  
Name: "TxtHiRelSy"  
Group: "TextBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "BM25 with synonyms"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 76  
CppName: "FI\_TEXT\_BM25\_SYN"  
Name: "TxtBm25Sy"  
Group: "TextBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "A simple BM25 with synonyms."  
Responsibles: "alsafr"  
}  
Factor {  
Index: 77  
CppName: "FI\_QUERY\_DOWNER\_CLICKS\_PCTR"  
Name: "QueryDownerClicksPCTR"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "How often the URLs of the given domainId are clicked on for the given request - CTR of the domainId multiplied by the correction factor"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurldownerclickspctrfrccomboreg>"  
Authors: ["akhropov", "solar", "denplusplus"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 78  
CppName: "FI\_HAS\_NO\_QUERY\_DOWNER\_SHOWS"  
Name: "HasNoQueryDownerShows"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_BINARY, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "There is no clickability information for this domainId for this request 1 - request or request-owner is not in the click base, 0 - request-owner is in the click base"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#hasnoqueryurldownershows>"  
Authors: ["denplusplus", "kostyagin"]  
Responsibles: ["tarum", "niknik"]  
CanonicalValue: 1.0  
}  
Factor {  
Index: 79  
CppName: "FI\_OWNER\_CLICKS\_PCTR"



```

Name: "OwnerClicksPCTR"
Tags: [TG_STATIC, TG_OWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA,
TG_OFTEN_ZERO, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICKS_SHOWS, TG_2EPD4]
Description: "Clickability of the owner regardless of the request"
Wiki: "http://wiki.yandex-team.ru/YandexSearch/SearchQuality/Clicks#ownerclickspctrreg"
Authors: ["akhropov", "maslov"]
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 80
CppName: "FI_MEGAFON"
Name: "Megaphone"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LINK_TEXT, TG_UNUSED]
Description: "The relative frequency of query words in links (1 - query words are often found in links, 0.3 - rarely);
more precisely, the value of this factor is pessimized under the condition: TR=0 && LR=0 && (there is no link with all
the words query) && (quorum not passed) && (at least one pair of query words occurs in the text)"
Responsibles: "alsafr"
}
Factor {
Index: 81
CppName: "FI_HAS_ALL_WORDS_MERGED"
Name: "XLRp0"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_DEPRECATED]
Description: "The links contain all the words of the query"
Responsibles: "alsafr"
}
Factor {
Index: 82
CppName: "FI_HAS_ALL_WORDS_IN_LINK"
Name: "XLRp1"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_DEPRECATED]
Description: "One link has all the words of the query"
Responsibles: "alsafr"
}
Factor {
Index: 83
CppName: "FI_PHRASE"
Name: "XLRp2"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_DEPRECATED]
Description: "There is a link that has passed quorum"
Responsibles: "alsafr"
}
Factor {
Index: 84
CppName: "FI_GOOD_RATIO"
Name: "XLRgood"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "What proportion of links are "good""
Responsibles: "alsafr"
}

```

```
Factor {
Index: 85
CppName: "FI_MANY_BAD"
Name: "XLRmanyBad"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_DEPRECATED]
Description: "How many bad links (bad = dpr = 0)"
Responsibles: "alsifr"
}
Factor {
Index: 86
CppName: "FI_LR_MAX_DPR"
Name: "XLRmaxDpr"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_DEPRECATED]
Description: "Max link dpr"
Responsibles: "alsifr"
}
Factor {
Index: 87
CppName: "FI_LR_TF_IDF"
Name: "XLRtfidf"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Tfidf regular TF*IDF by links. Word frequency in links is multiplied by the inverse document frequency and summed over all words, then normalized to the length of the document."
Responsibles: "alsifr"
}
Factor {
Index: 88
CppName: "FI_LR_RELEV"
Name: "XLRrelev"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-2"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance from Gulin"
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 89
CppName: "FI_LR_RELEV_200"
Name: "XLRrelev200"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance from Gulin"
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 90
CppName: "FI_LR_LOG_RELEV"
Name: "XLRlogRelev"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance from Gulin"
```

```
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 91
CppName: "FI_BF_EXACT"
Name: "BFexact"
Group: "BestForm"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "There is an exact form of all query words in text/links"
Responsibles: "alsafir"
}
Factor {
Index: 92
CppName: "FI_BF_LEMMA"
Name: "BFlemma"
Group: "BestForm"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "There is a lemma of all query words in text/links"
Responsibles: "alsafir"
}
Factor {
Index: 93
CppName: "FI_SOFT_AND_OK"
Name: "SoftAndOk"
Group: "Dynamic"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Document passed softand against syntax wizard restrictions. Only for documents that have text
relevance. Always 1 for single-word queries."
Responsibles: "alsafir"
}
Factor {
Index: 94
CppName: "FI_NEW_LINK_QUALITY"
Name: "NewLinkQuality"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_DEPRECATED]
Description: "Inbound link quality classifier 2 - broken, see [407]"
Responsibles: "alsafir"
}
Factor {
Index: 95
CppName: "FI_UKR"
Name: "Ukrainian"
Tags: [TG_STATIC_REGINFO, TG_HOST, TG_STATIC, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "equals to one if the site has a Ukrainian geo-attribute (i.e. 1 - Ukrainian site)"
Responsibles: "alsafir"
}
Factor {
Index: 96
CppName: "FI_IS_BLOG"
Name: "Isblog"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Klassificacionnye?v=tkd#h45859-5"
Tags: [TG_HOST, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Page from blog hosting"
Authors: ["burmisha", "zudina"]
```

```
Responsibles: ["burmisha", "zudina"]
}
Factor {
Index: 97
CppName: "FI_IS_LJ"
Name: "IsLivejournal"
Tags: [TG_HOST, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Page from livejournal.com"
Responsibles: "alsafr"
}
# TODO(FACTORDDEL-56): replace with TG_REMOVED
Factor {
Index: 98
CppName: "FI_REMOVED_98"
Name: "Removed_98"
Tags: [TG_UNUSED]
}
Factor {
Index: 99
CppName: "FI_SPAM2"
Name: "Spam2"
AntiSeoUpperBound: 1.0
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-3"
Tags: [TG_OWNER, TG_STATIC, TG_THEME_CLASSIF, TG_DEPRECATED]
Description: "Alekseev's automatic spam classifier, the probability that the site is spam (0 is not spam, 1 is spam)"
Authors: "abv"
Responsibles: "abv"
}
Factor {
Index: 100
CppName: "FI_TEXT_FEATURES"
Name: "TextFeatures"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "The quality of the text. It is calculated according to a rather complex formula"
Responsibles: "alsafr"
}
Factor {
Index: 101
CppName: "FI_TEXT_LIKE"
Name: "TextLike"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Text quality (Alekseev classifier)"
Responsibles: "alsafr"
}
# TODO(FACTORDDEL-56): replace with TG_REMOVED
Factor {
Index: 102
CppName: "FI_REMOVED_102"
Name: "Removed_102"
Tags: [TG_UNUSED]
}
# TODO(FACTORDDEL-56): replace with TG_REMOVED
Factor {
Index: 103
```

```
CppName: "FI_REMOVED_103"
Name: "Removed_103"
Tags: [TG_UNUSED]
}
Factor {
Index: 104
CppName: "FI_YABAR_CORE_OWNER"
Name: "YaBarCoreOwner"
Tags: [TG_STATIC, TG_OWNER, TG_USER, TG_BROWSER, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS]
Description: "The core of the audience of owners according to Yandex.Browsing"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/coreaudience/"
Authors: "monster"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 105
CppName: "FI_YABAR_CORE_HOST"
Name: "YaBarCoreHost"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_REARR_USE, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS]
Description: "The core audience of hosts according to Yandex.Browser data"
Authors: "kostyagin"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/coreaudience/"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 106
CppName: "FI_HAS_YA_BAR_CORE"
Name: "HasYaBarCore"
AntiSeoUpperBound: 1.0
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS]
Description: "Does the host have a kernel"
Authors: "kostyagin"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/coreaudience/"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 107
CppName: "FI_SPAM_KARMA"
Name: "SpamKarma"
AntiSeoUpperBound: 1.0
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-4"
Tags: [TG_OWNER, TG_STATIC, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "Anti-spammer name spam karma - probability that host is spam; based on whois information"
Authors: "abv"
Responsibles: "abv"
}
Factor {
Index: 108
CppName: "FI_MUSIC_Q"
Name: "MusicQ"
DependsOn: [{Feature: ["MusicQ"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_DEPRECATED]
```

Description: "musicality of the request. The results of the work of the sorcerer Anton Konygin."  
Responsibles: "alsafr"  
UseArtifact: {Name: "MusicWizardClassifier"}  
}  
Factor {  
Index: 109  
CppName: "FI\_EXACT\_MATCHES"  
Name: "XLExactMatches"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "number of links that exactly matched the query"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 110  
CppName: "FI\_DOC\_LEN"  
Name: "Doclen"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Document length in sentences"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 111  
CppName: "FI\_URL\_LEN"  
Name: "UrlLen"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_DOC, TG\_STATIC, TG\_URL\_TEXT, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "URL length divided by 5"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 112  
CppName: "FI\_QUERY\_NON\_COMMERCIALITY"  
Name: "QueryNonCommerciality"  
DependsOn: [{Feature: ["QueryNonCommerciality"], Slice: "begemot\_query\_factors"}]  
Group: "Query"  
Tags: [TG\_COMMERCIAL, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Commerciality of a query from a phrase dictionary from Yandex.Direct: 0 - maximum commerciality, 1 - minimum."  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryNonCommerciality>"  
Ticket: "SEARCHSPAM-7504"  
Authors: "somov"  
Responsibles: ["sisoid", "anelyubin"]  
}  
Factor {  
Index: 113  
CppName: "FI\_HOST\_SIZE"  
Name: "HostSize"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_HOST, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The size of the Raskovalov host in documents without taking into account duplicates (each double is taken into account in the factor by an independent document)"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}

```
Factor {
Index: 114
CppName: "FI_IS_HTML"
Name: "IsHTML"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_BINARY, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Document Type - HTML"
Responsibles: "alsafr"
}
Factor {
Index: 115
CppName: "FI_LINK_SPEED"
Name: "LinkSpeed"
AntiSeoUpperBound: 1.0
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-4"
Group: "Xref"
Tags: [TG_DATE, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "The reciprocal of the variance of the times of occurrence of links with query words"
Responsibles: "alsafr"
}
Factor {
Index: 116
CppName: "FI_TH_LR_RELEV"
Name: "XThLRrelev"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-5"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on topics"
Responsibles: "alsafr"
}
Factor {
Index: 117
CppName: "FI_TH_LR_RELEV_200"
Name: "XThLRrelev200"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on topics"
Responsibles: "alsafr"
}
Factor {
Index: 118
CppName: "FI_TH_LR_LOG_RELEV"
Name: "XThLRlogRelev"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on topics"
Responsibles: "alsafr"
}
Factor {
Index: 119
CppName: "FI_LERF_LR_RELEV"
Name: "XLerfLRrelev"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-8"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on the quality of each link"
```

```
Responsibles: "alsafir"
}
Factor {
Index: 120
CppName: "FI_LERF_LR_RELEV_200"
Name: "XLerfLRrelev200"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on the quality of each link"
Responsibles: "alsafir"
}
Factor {
Index: 121
CppName: "FI_LERF_LR_LOG_RELEV"
Name: "XLerfLRlogRelev"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on the quality of each link"
Responsibles: "alsafir"
}
Factor {
Index: 122
CppName: "FI_LERF_TH_LR_LOG_RELEV"
Name: "XLerfThLRlogRelev"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-11"
Group: "Xref"
Tags: [TG_DYNAMIC, TG_LINK_TEXT, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on the quality of each link and the topic of each link"
Responsibles: "alsafir"
}
Factor {
Index: 123
CppName: "FI_NON_COMM_LR_LOG_RELEV"
Name: "XNonCommLRlogRelev"
AntiSeoUpperBound: 1.0
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-12"
Group: "Xref"
Tags: [TG_COMMERCIAL, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "Link relevance considering the non-commercial nature of each link"
Responsibles: "alsafir"
}
Factor {
Index: 124
CppName: "FI_NON_COMM_TH_LR_LOG_RELEV"
Name: "XNonCommThLRlogRelev"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_COMMERCIAL, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_THEME_CLASSIF, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "Link relevance taking into account the non-commercial nature of each link and subject matter"
Responsibles: "alsafir"
}
Factor {
Index: 125
CppName: "FI_NON_COMM_LERF_LR_LOG_RELEV"
```



```
Name: "XNonCommLerfLRlogRelev"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_COMMERCIAL, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_THEME_CLASSIF, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "Link relevance considering the non-commercial nature of each link and the quality of each link"
Responsibles: "alsafr"
}
Factor {
Index: 126
CppName: "FI_NON_COMM_LERF_TH_LR_LOG_RELEV"
Name: "XNonCommLerfThLRlogRelev"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_COMMERCIAL, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_THEME_CLASSIF, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "Link relevance based on the non-commercial nature of each link, the quality of each link and the
topicality"
Responsibles: "alsafr"
}
Factor {
Index: 127
CppName: "FI_GEO_CITY_PROXIM"
Name: "GeoCityProxim"
AntiSeoUpperBound: 1.0
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_GEOINQUERY, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Means the match of the region mentioned in the request and the sites found at the region level. Binary
factor: 1-matches, 0-no. Based on ((http://wiki.yandex-team.ru/YandexPoisk/ClassificationSitesAndPages/Geographic/
UseInSearch for Geoclassification of Sites))"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 128
CppName: "FI_LINKS_WITH_WORDS_PERCENT"
Name: "LinksWithWordsPercent"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_UNUSED]
Description: "Percentage of incoming links with query words"
Responsibles: "alsafr"
}
Factor {
Index: 129
CppName: "FI_LINKS_WITH_ALL_WORDS_PERCENT"
Name: "LinksWithAllWordsPercent"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED, TG_UNUSED]
Description: "Percentage of inbound links with all query words"
Responsibles: "alsafr"
}
Factor {
Index: 130
CppName: "FI_PORNO_QUERY"
Name: "PornoQuery"
DependsOn: [{Feature: ["PornoQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
```

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_THEME\_CLASSIF, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Does the query contain words from yweb/pornofilter/porno.query."  
Wiki: "http://wiki.yandex-team.ru//h.yandex.net/?https%3A%2F%2Ftree.yandex.ru%2Fcgi-bin%2Fcvswb.cgi%2Farcadia%2Fyweb%2Fpornofilter%2Fporno .query"  
Responsibles: "alsafr"  
UseArtifact: {Name: "PornoQueryList"}  
}  
Factor {  
Index: 131  
CppName: "FI\_IS\_PORNO"  
Name: "Isporno"  
AntiSeoUpperBound: 1.0  
Ticket: "BETATEST-151"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "porn gut document"  
Responsibles: "abv"  
}  
Factor {  
Index: 132  
CppName: "FI\_IS\_COMM"  
Name: "IsComm"  
AntiSeoUpperBound: 1.0  
Ticket: "BETATEST-151"  
Tags: [TG\_COMMERCIAL, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_BINARY, TG\_DEPRECATED, TG\_OFTEN\_ZERO, TG\_L2]  
Description: "document from commercial-intestine. Not used (deprecated)"  
Comment: "Still used in formula and polynomial :("'  
Responsibles: "sisoid"  
}  
Factor {  
Index: 133  
CppName: "FI\_IS\_FAKE"  
Name: "IsFake"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "fake document"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 134  
CppName: "FI\_IS\_SEO"  
Name: "IsSEO"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_COMMERCIAL, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_BINARY, TG\_DEPRECATED, TG\_OFTEN\_ZERO, TG\_L2]  
Description: "page title contains commercial language. Not used (deprecated)"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 135  
CppName: "FI\_IS\_WIKI"  
Name: "IsWiki"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_HOST, TG\_STATIC, TG\_WIKIPEDIA, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

```
Description: "page from en.wikipedia.org"
Responsibles: "alsafir"
}
Factor {
Index: 136
CppName: "FI_IS_ESHOP"
Name: "IsEShop"
AntiSeoUpperBound: 1.0
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "commercial page (Savin classifier)"
Authors: "asavin"
Responsibles: "asavin"
}
Factor {
Index: 137
CppName: "FI_GEO_REGION_PROXIM"
Name: "GeoRegionProxim"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_GEOINQUERY, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 138
CppName: "FI_HAS_NO_ALL_WORDS_TR_SYN"
Name: "HasNoAllWordsTRSy"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "the document does not contain all the words of the query (up to a synonym)"
Responsibles: "alsafir"
CanonicalValue: 1.0
}
Factor {
Index: 139
CppName: "FI_NUM_WORDS_TR_SYN"
Name: "NumWordsTRSy"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "percentage of query words in the document (up to a synonym)"
Responsibles: "alsafir"
}
Factor {
Index: 140
CppName: "FI_HAS_ALL_WORDS_TR_SYN"
Name: "HasAllWordsTRSY"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "the document contains all the words of the query (up to a synonym)"
Responsibles: "alsafir"
}
Factor {
Index: 141
CppName: "FI_NUM_WORDS_LR"
Name: "NumWordsLR"
```

```

Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "percentage of query words in links (up to a synonym)"
Responsibles: "alsafr"
}
Factor {
Index: 142
CppName: "FI_HAS_ALL_WORDS_LR"
Name: "HasAllWordsLR"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "the links contain all the words of the query (up to the synonym)"
Responsibles: "alsafr"
}
Factor {
Index: 143
CppName: "FI_PAY_DETECTOR_PREDICT"
Name: "PayDetectorPredict"
Ticket: "COMMERCIAL-4"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_NOT_01, TG_UNUSED]
Description: "The value of the commerce detector calculated in the behemoth."
MinValue: -10
MaxValue: 10
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
ImplementationTime: "2020-08-01"
}
Factor {
Index: 144
CppName: "FI_TEXT_INV_PAIR"
Name: "TxtInvPair"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "TR through query word pairs in reverse order"
Responsibles: "alsafr"
}
Factor {
Index: 145
CppName: "FI_LINK_INV_PAIR"
Name: "LnkInvPair"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "LR on pairs of query words in reverse order"
Responsibles: "alsafr"
}
Factor {
Index: 146
CppName: "FI_TEXT_SKIP_PAIR"
Name: "TxtSkipPair"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "TR by pairs of query words through one word in texts"
Responsibles: "alsafr"
}
Factor {
Index: 147
CppName: "FI_LINK_SKIP_PAIR"

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```

Name: "LnkSkipPair"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "LR by query word pairs through one word in texts"
Responsibles: "alsafr"
}
Factor {
Index: 148
CppName: "FI_NUM_WORDS_TRFM"
Name: "NumWordsTRFm"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "percentage of all query words in the text (accurate to form)"
Responsibles: "alsafr"
}
Factor {
Index: 149
CppName: "FI_HAS_ALL_WORDS_TRFM"
Name: "HasAllWordsTRFm"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "the document contains all the words of the query (up to the form)"
Responsibles: "alsafr"
}
Factor {
Index: 150
CppName: "FI_Q_DIVERSITY"
Name: "QDiversity"
DependsOn: [{Feature: ["QDiversity"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "The degree of centralization of the points from which the request is made"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QDiversity"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 151
CppName: "FI_Q_BLOG"
Name: "Qblog"
DependsOn: [{Feature: ["QBlog"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Does the query contain blog vocabulary"
Responsibles: "alsafr"
}
Factor {
Index: 152
CppName: "FI_GEO_LR_LOG_RELEV"
Name: "XGeoLRlogRelev"
AntiSeoUpperBound: 0.9
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "log(LR, narrowed down to the user's country)"
Responsibles: "alsafr"

```

```

}
Factor {
Index: 153
CppName: "FI_LERF_GEO_LR_LOG_RELEV"
Name: "XLerfGeoLRlogRelev"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "log(LerfLR, narrowed down to user's country)"
Responsibles: "alsifr"
}
Factor {
Index: 154
CppName: "FI_NON_COMMERCIAL_QUERY"
Name: "NonCommercialQuery"
DependsOn: [{"Feature": ["NonCommercialQuery"], "Slice": "begemot_query_factors"}]
Group: "Query"
Tags: [TG_COMMERCIAL, TG_DYNAMIC, TG_QUERY_ONLY, TG_BINARY, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2,
TG_DEPRECATED]
Description: "Binary non-commerciality of the query: QueryNonCommerciality > 0.965."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryNonCommerciality"
Ticket: "SEARCHSPAM-7504"
Responsibles: ["sisoid", "anelyubin"]
}
Factor {
Index: 155
CppName: "FI_EXACT_MATCHES_MAP"
Name: "XLExactMatchesMap"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_DEPRECATED]
Description: "Number of links matching query text (another remap)"
Responsibles: "alsifr"
}
Factor {
Index: 156
CppName: "FI_LERF_NORM_LR_LOG_RELEV"
Name: "XLerfNormLRlogRelev"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "XLerfLRlogRelev (normalized to the sum of the Lerf weights of all links, not the sum of their original
weights)"
Responsibles: "alsifr"
}
Factor {
Index: 157
CppName: "FI_NON_COMM_NORM_LR_LOG_RELEV"
Name: "XNonCommNormLRlogRelev"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "XNonCommLRlogRelev (normalized to the sum of the NonComm weights of all links, not the sum of their
original weights)"
Responsibles: "alsifr"
}
Factor {
Index: 158
CppName: "FI_NON_COMM_TH_NORM_LR_LOG_RELEV"
Name: "XNonCommThNormLRlogRelev"
Group: "Xref"

```

```
Tags: [TG_COMMERCIAL, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance taking into account the non-commercial nature of each link and subject matter"
Responsibles: "alsafr"
}
Factor {
Index: 159
CppName: "FI_NON_COMM_LERF_NORM_LR_LOG_RELEV"
Name: "XNonCommLerfNormLRlogRelev"
Group: "Xref"
Tags: [TG_COMMERCIAL, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "XNonCommLerfNormLRlogRelev (normalized to the sum of the NonCommLerf weights of all links, not
the sum of their original weights)"
Responsibles: "alsafr"
}
Factor {
Index: 160
CppName: "FI_NON_COMM_LERF_TH_NORM_LR_LOG_RELEV"
Name: "XNonCommLerfThNormLRlogRelev"
Group: "Xref"
Tags: [TG_COMMERCIAL, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevance based on the non-commercial nature of each link, the quality of each link and the
topicality"
Responsibles: "alsafr"
}
Factor {
Index: 161
CppName: "FI_NEVASCA1"
Name: "Nevasca1"
Tags: [TG_OWNER, TG_STATIC, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "Not used Content Duplicate. Host 'goodness' (from 0 to 1) calculated based on how many and which
hosts are borrowing content from this host."
Authors: "antonovvk"
Responsibles: "antonovvk"
}
Factor {
Index: 162
CppName: "FI_NEVASCA2"
Name: "Nevasca2"
Tags: [TG_OWNER, TG_STATIC, TG_DEPRECATED]
Description: "Not used Content duplication. Host 'Badness' (0 to 1) is proportional to the number of secondary
content on the host. Host 'Badness' (0 to 1) is proportional to the number of secondary content on the host."
Authors: "antonovvk"
Responsibles: "antonovvk"
}
Factor {
Index: 163
CppName: "FI_LINK_AGE"
Name: "Linkage"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Average age of links that contributed something to LR LinkAge=Min(log(average link age)/7, 1), 3 years
taken as 1"
Responsibles: "alsafr"
}
Factor {
Index: 164
CppName: "FI_TLEN"
Name: "TLen"
```

AntiSeoUpperBound: 1.0  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Length of page text in words TLen = Map(number of words, 1/400), where Map(x, y) =  $x*y / (1 + x*y)$ "  
Responsibles: "alsafir"  
}  
Factor {  
Index: 165  
CppName: "FI\_IS\_UNREACHABLE"  
Name: "IsUnreachable"  
Tags: [TG\_DOC, TG\_STATIC, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The page is unreachable by links from the snout."  
Authors: "denplusplus"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 166  
CppName: "FI\_LANG\_LR\_LOG\_RELEV"  
Name: "XLangLRlogRelev"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "LR considering matching language of link and query"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 167  
CppName: "FI\_LERF\_LANG\_LR\_LOG\_RELEV"  
Name: "XLerfLangLRlogRelev"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "LR, taking into account the coincidence of the language of the link and the request, and cheating"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 168  
CppName: "FI\_QUERY\_URL\_CLICKS\_FRC"  
Name: "QueryURLClicksFRC"  
AntiSeoUpperBound: 0.3  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "the ratio of the number of clicks on this URL to all clicks on the query"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurldownerclicksptfrfrccomboreg>"  
Authors: ["lidia", "akhropov"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 169  
CppName: "FI\_QUERY\_DOWNER\_CLICKS\_FRC"  
Name: "QueryDownerClicksFRC"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "the ratio of the number of clicks on the given domainId to all clicks on the query"



Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg>"  
Authors: ["lidia", "akhropov"]  
Responsibles: ["tarum", "niknik"]  
}

Factor {  
Index: 170  
CppName: "FI\_QUERY\_URL\_CLICKS\_PCTR\_COPY"  
Name: "QueryURLClicksPCTR\_copy"  
AntiSeoUpperBound: 0.42  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_REARR\_USE, TG\_DEPRECATED, TG\_L2]  
Countries: CNT\_RELEV  
Description: "[Bug: Factor copy 45] How often a given URL is clicked on for a given query - CTR multiplied by a correction factor"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg>"  
Authors: ["akhropov", "solar"]  
Responsibles: ["akhropov", "diver"]  
}

Factor {  
Index: 171  
CppName: "FI\_DOPP\_URL\_SESSION\_CLICKS\_FRC\_CITY"  
Name: "DoppQueryUrlSessionClicksFRCCity"  
Ticket: "FACTOR-311"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DoppQueryUrlSessionClicksFRC>"  
Tags: [TG\_USER, TG\_USER\_SEARCH, TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_CITY, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_DOPP, TG\_L2, TG\_REARR\_USE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "What part (average per session) of clicks on this request with the user's city of urls added to it is this url. Calculated by user sessions."  
Authors: "esoloviev"  
Responsibles: ["esoloviev", "kolesov93", "tarum", "niknik"]  
}

Factor {  
Index: 172  
CppName: "FI\_QUERY\_URL\_CLICKS\_PCTR\_REG"  
Name: "QueryURLClicksPCTR\_Reg"  
AntiSeoUpperBound: 0.4  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "How often this URL is clicked for this query - CTR multiplied by the correction factor, by small regions from relev\_regions.web.txt"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}

Factor {  
Index: 173  
CppName: "FI\_QUERY\_DOWNER\_CLICKS\_PCTR\_REG"  
Name: "QueryDownerClicksPCTR\_Reg"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "How often the URLs of the given domainId are clicked for the given request - CTR domainId multiplied by the correction factor, by small regions from relev\_regions.web.txt"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg>"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 174

CppName: "FI\_QUERY\_URL\_CLICKS\_FRC\_REG"

Name: "QueryURLClicksFRC\_Reg"

AntiSeoUpperBound: 0.25

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "the ratio of the number of clicks on this URL to all clicks on the request, by small regions from relev\_regions.web.txt"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg>"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 175

CppName: "FI\_QUERY\_DOWNER\_CLICKS\_FRC\_REG"

Name: "QueryDownerClicksFRC\_Reg"

Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "the ratio of the number of clicks on the given domainId to all clicks on the request, in small regions from relev\_regions.web.txt"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg>"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 176

CppName: "FI\_QUERY\_URL\_CLICKS\_COMBO\_REG"

Name: "QueryURLClicksCombo\_Reg"

AntiSeoUpperBound: 0.5

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Query URL Clicks Combo, by small regions from relev\_regions.web.txt"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg>"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 177

CppName: "FI\_QUERY\_DOWNER\_CLICKS\_COMBO\_REG"

Name: "QueryDownerClicksCombo\_Reg"

Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Query Downer Clicks Combo, by small regions from relev\_regions.web.txt"

```
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 178
CppName: "FI_CATALOG_RELEV"
Name: "XLRCatalogRelev"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_CATALOG, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_DEPRECATED]
Description: "LR by catalog descriptions"
Responsibles: "alsaf"
}
Factor {
Index: 179
CppName: "FI_YA_CATALOG_RELEV"
Name: "XLRYaCatalogRelev"
Group: "Xref"
Tags: [TG_CATALOG, TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_DEPRECATED]
Description: "LR for unsubscribing in Yandex.Catalog"
Responsibles: "alsaf"
}
Factor {
Index: 180
CppName: "FI_EXACT_WORD_ORDER_LEN"
Name: "ExactWordOrderLen"
Group: "CombinedSequences"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "The length of the maximum match of forms in the text and query"
Authors: "pzuev"
Responsibles: "pzuev"
}
Factor {
Index: 181
CppName: "FI_EXACT_WORD_ORDER_WEIGHT"
Name: "ExactWordOrderWeight"
Group: "CombinedSequences"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "The weight of the maximum match of forms in the text and query"
Authors: "pzuev"
Responsibles: "pzuev"
}
Factor {
Index: 182
CppName: "FI_WORD_ORDER_LEN"
Name: "WordOrderLen"
Group: "CombinedSequences"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "The length of the maximum match by lemma in the text and query"
Authors: "pzuev"
Responsibles: "pzuev"
}
Factor {
Index: 183
CppName: "FI_WORD_ORDER_WEIGHT"
```

Name: "WordOrderWeight"  
Group: "CombinedSequences"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The weight of the maximum match by lemma in the text and query"  
Authors: "pzuev"  
Responsibles: "pzuev"  
}  
Factor {  
Index: 184  
CppName: "FI\_LINK\_MAX\_AGE"  
Name: "LinkMaxAge"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_DEPRECATED]  
Description: "Maximum age of a significant collection of links that contributed something to LR"  
Authors: "denplusplus"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 185  
CppName: "FI\_TEXT\_RELEV\_ALL\_WORDS\_WITH\_STOPS"  
Name: "TRp1All"  
AntiSeoUpperBound: 1.0  
Group: "LegacyTR"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Variants of relevant factors considering stop words"  
Authors: "denplusplus"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 186  
CppName: "FI\_LINK\_RELEV\_ALL\_WORDS\_WITH\_STOPS"  
Name: "LRp1All"  
AntiSeoUpperBound: 1.0  
Group: "LegacyLR"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Variants of relevant factors considering stop words"  
Authors: "denplusplus"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 187  
CppName: "FI\_TLP1\_ALL"  
Name: "TLp1All"  
Group: "TextAndLinkBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_BINARY, TG\_UNDOCUMENTED, TG\_L2, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Description: "Variants of relevant factors considering stop words"  
Authors: "denplusplus"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 188  
CppName: "FI\_BF\_EXACT\_ALL"  
Name: "BFexactAll"  
Group: "BestForm"

```
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_UNDOCUMENTED, TG_LINK_TEXT, TG_DEPRECATED]
Description: "Variants of relevant factors considering stop words"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 189
CppName: "FI_BF_LEMMA_ALL"
Name: "BFlemmaAll"
Group: "BestForm"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_UNDOCUMENTED, TG_LINK_TEXT, TG_DEPRECATED]
Description: "Variants of relevant factors considering stop words"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 190
CppName: "FI_PASSAGE_LEGACY_TR"
Name: "PassageLegacyTR"
Group: "Dynamic"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "TR of the best passage - how high-quality the snippet can be"
Responsibles: "alsafir"
}
Factor {
Index: 191
CppName: "FI_TEXT_BM25_ATTEN_SYN"
Name: "TxtBM25AttenSyn"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "TR with discount for offer number"
Authors: "pzuev"
Responsibles: "pzuev"
}
Factor {
Index: 192
CppName: "FI_MAX_WORD_HOST_RANK"
Name: "MaxWordHostRank"
Group: "domain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_LINK_TEXT, TG_LINK_GRAPH, TG_DEPRECATED]
Description: "Host rank for the most expressed query word (usually the site name)"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat/PWR"
Authors: "finder"
Responsibles: "akhropov"
}
Factor {
Index: 193
CppName: "FI_MAX_WORD_HOST_CLICKS"
Name: "MaxWordHostClicks"
Group: "domain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED]
Description: "Clickability of domAttr by the maximum expressed word. For example, for all queries that contain the word wikipedia, they click on wikipedia pages."
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat/WHC"
Authors: "finder"
Responsibles: "akhropov"
}
Factor {
```

Index: 194  
CppName: "FI\_DOM\_PHRASE\_RANK"  
Name: "DomPhraseRank"  
Group: "domain"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LINK\_TEXT, TG\_LINK\_GRAPH, TG\_DEPRECATED]  
Description: "HostRank for single words"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat/PWR>"  
Authors: "finder"  
Responsibles: "akhropov"  
}  
Factor {  
Index: 195  
CppName: "FI\_DOM\_PHRASE\_CLICK\_RANK"  
Name: "DomPhraseClickRank"  
Group: "domain"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_DEPRECATED]  
Description: "Domain CTR by words"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat/WHC>"  
Authors: "finder"  
Responsibles: "akhropov"  
}  
Factor {  
Index: 196  
CppName: "FI\_IS\_FORUM"  
Name: "IsForum"  
Ticket: ["BUKI-1543", "SEARCHSPAM-3650"]  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsForum>"  
Tags: [TG\_DOC, TG\_STATIC, TG\_URL\_TEXT, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "URL matches the FORUM\_DETECTOR regex"  
Authors: "zudina"  
Responsibles: "zudina"  
}  
Factor {  
Index: 197  
CppName: "FI\_ALICE\_MUSIC\_TRACK\_TITLE\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"  
Name: "AliceMusicTrackTitleAnnotationMatchWeightedValue"  
Tags: [TG\_UNUSED, TG\_DYNAMIC, TG\_DOC, TG\_ALICE\_MUSIC, TG\_ANNOTATION\_NOFILTER, TG\_TEXT\_MACHINE, TG\_ALLOW\_USE\_FOR\_ALICE]  
Description: "AnnotationMatchWeightedValue factor value for AliceMusic stream"  
Wiki: "<https://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/factordev/web/factors/lingboost>"  
Ticket: ["BUKI-2932"]  
Authors: "anrodigina"  
Responsibles: ["anrodigina", "gotmanov", "hommforever"]  
ImplementationTime: "2020-03-11"  
}  
Factor {  
Index: 198  
CppName: "FI\_IS\_OBSOLETE"  
Name: "IsObsolete"  
Tags: [TG\_DATE, TG\_DOC, TG\_STATIC, TG\_URL\_TEXT, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "URL contains ancient date. Ancient news is recognized. Factor 1 if url contains year <=2007."  
Authors: "finder"  
Responsibles: "finder"  
}  
Factor {  
Index: 199

```
CppName: "FI_TR_WITH_STOPS"
Name: "TRWithStops"
AntiSeoUpperBound: 1.0
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "The weight of the maximum match of forms in the text and query"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 200
CppName: "FI_LR_WITH_STOPS"
Name: "LRWithStops"
AntiSeoUpperBound: 1.0
Group: "Dynamic"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_UNUSED]
Description: "The weight of the maximum match of forms in the text and query"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 201
CppName: "FI_HAS_PAYMENTS"
Name: "Payments"
AntiSeoUpperBound: 1.0
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "The page contains information about 'payment for SMS'."
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 202
CppName: "FI_IS_LINK_PESSIMISED"
Name: "IsLinkPessimised"
Tags: [TG_OWNER, TG_STATIC, TG_BINARY, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "Anti-spammers pessimized the site - all dynamic link factors are reset. zerolnk.flit"
Authors: "zudina"
Responsibles: "zudina"
}
Factor {
Index: 203
CppName: "FI_ESHOP_VALUE"
Name: "EshopValue"
AntiSeoUpperBound: 1.0
Tags: [TG_COMMERCIAL, TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Page shop"
Authors: "asavin"
Responsibles: "asavin"
}
Factor {
Index: 204
CppName: "FI_PORNO_VALUE"
Name: "PornoValue"
AntiSeoUpperBound: 1.0
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Pornographic page"
```

```
Authors: "asavin"
Responsibles: "asavin"
}
Factor {
Index: 205
CppName: "FI_TRAFGGRAPH_OUT_ALL_SHARE_M"
Name: "TrafgraphOutAll_share_m"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_COMMERCIAL, TG_NN_OVER_FEATURES_USE]
Description: "Remapped mascot feature TrafgraphOutAll_share_m"
Ticket: "SEARCHSPAM-15531"
Authors: ["bikulov"]
Responsibles: ["bikulov", "sdormidontov"]
ImplementationTime: "2020-09-30"
}
Factor {
Index: 206
CppName: "FI_TRAFGGRAPH_OUT_ALL_SE_SHARE_D"
Name: "TrafgraphOutAllSE_share_d"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_COMMERCIAL, TG_NN_OVER_FEATURES_USE]
Description: "Remapped mascot feature TrafgraphOutAllSE_share_d"
Ticket: "SEARCHSPAM-15531"
Authors: ["bikulov"]
Responsibles: ["bikulov", "sdormidontov"]
ImplementationTime: "2020-09-30"
}
Factor {
Index: 207
CppName: "FI_TRAFGGRAPH_OUT_ALL_SE_SHARE_M"
Name: "TrafgraphOutAllSE_share_m"
Ticket: "SEARCHSPAM-15531"
Authors: ["bikulov"]
Responsibles: ["bikulov", "sdormidontov"]
Description: "Remapped mascot feature TrafgraphOutAllSE_share_m"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED],
}
Factor {
Index: 208
CppName: "FI_NO_EXT_CLICKS_SHARE"
Name: "NoExtClicksShare"
Ticket: "SEARCHSPAM-15531"
Authors: ["bikulov"]
Responsibles: ["bikulov", "sdormidontov"]
Description: "Remapped mascot feature NoExtClicksShare"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED],
}
Factor {
Index: 209
CppName: "FI_COUNTERS_SEARCH_TRAFFIC1"
Name: "CountersSearchTraffic1"
AntiSeoUpperBound: 1.0
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/usercounteractions/Simple"
Tags: [TG_STATIC, TG_OWNER, TG_USER, TG_COUNTER, TG_UNUSED, TG_L2]
Description: "Search traffic - clicks from search engines to the site (2nd formula)"
Authors: ["amotuzov", "denplusplus"]
Responsibles: "smikler"
}
Factor {
Index: 210
```



```
CppName: "FI_COUNTERS_SEARCH_TRAFFIC2"
Name: "CountersSearchTraffic2"
AntiSeoUpperBound: 1.0
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/usercounteractions/Simple"
Tags: [TG_STATIC, TG_OWNER, TG_USER, TG_COUNTER, TG_UNUSED, TG_L2]
Description: "Search traffic - clicks from search engines to the site (2nd formula)"
Authors: ["amotuzov", "denplusplus"]
Responsibles: "smikler"
}
Factor {
Index: 211
CppName: "FI_DOM_PHRASE_YABAR"
Name: "DomPhraseYabar"
Group: "domain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_DEPRECATED]
Description: "Transitions to the site from search engines for individual words, according to the bar"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat/WHC"
Authors: "finder"
Responsibles: "akhropov"
}
Factor {
Index: 212
CppName: "FI_ALICE_MUSIC_ARTIST_NAME_BCLM_MIX_PLAIN_KES"
Name: "AliceMusicArtistNameBclmMixPlainK000001"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE, TG_ALICE_MUSIC,
TG_ALLOW_USE_FOR_ALICE]
Description: "BclmMixPlainK000001 factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 213
CppName: "FI_QUERY_URL_LCS"
Name: "QueryUrlLCS"
Tags: [TG_DYNAMIC, TG_DOC, TG_URL_TEXT, TG_L2, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2,
TG_DEPRECATED]
Wiki: "http://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/factordev/web/factors/QueryUrlLCS"
Ticket: "FACTOR-417"
Description: "Largest common substring of url and query, normalized by url length"
Authors: ["mbusel", "tsimkha", "alsafr"]
Responsibles: ["mbusel", "tsimkha"]
}
Factor {
Index: 214
CppName: "FI_ONLY_URL"
Name: "OnlyUrl"
Group: "UrlBM25"
Wiki: "http://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/factordev/web/factors/OnlyUrl"
Tags: [TG_DOC, TG_DYNAMIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "All matches are only in the URL, there are no matches in the text of the page"
Authors: "denplusplus"
Responsibles: ["alsafr", "stash93"]
}
Factor {
Index: 215
```

```
CppName: "FI_GEO_RELEV_REGION_CITY"
Name: "GeoRelevRegionCity"
AntiSeoUpperBound: 1.0
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 216
CppName: "FI_GEO_RELEV_REGION_REGION"
Name: "GeoRelevRegionRegion"
AntiSeoUpperBound: 1.0
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_REGION, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 217
CppName: "FI_GEO_RELEV_REGION_COUNTRY"
Name: "GeoRelevRegionCountry"
AntiSeoUpperBound: 1.0
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L3_OVERWRITE, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Three levels of coincidence between the geography of the user and the page"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 218
CppName: "FI_LR_GEO_RELEV_REGION_CITY"
Name: "XLRGeoRelevRegionCity"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 219
CppName: "FI_LR_GEO_RELEV_REGION_REGION"
Name: "XLRGeoRelevRegionRegion"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_REGION, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 220
CppName: "FI_LR_GEO_RELEV_REGION_COUNTRY"
Name: "XLRGeoRelevRegionCountry"
AntiSeoUpperBound: 1.0
Group: "Xref"
```

```

Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_UNUSED]
Description: "Three levels of link region and query matching"
Authors: "denplusplus"
Responsibles: "alsifr"
}
Factor {
Index: 221
CppName: "FI_GEO_COUNTRY_PROXIM"
Name: "GeoCountryProxim"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Geographic proximity"
Authors: "denplusplus"
Responsibles: "alsifr"
}
Factor {
Index: 222
CppName: "FI_IS_NAV_QUERY"
Name: "IsNavQuery"
DependsOn: [{"Feature": "IsNavQuery"}, {"Slice": "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA,
TG_NAV, TG_BINARY, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_DEPRECATED]
Description: "Is the query navigational based on the clickability of responses"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsNav"
Authors: ["akhropov", "denplusplus", "prs"]
Responsibles: ["tarum", "niknik"]
UseArtifact: {Name: "IsNavTrie"}
}
Factor {
Index: 223
CppName: "FI_MAX_WORD_HOST_YABAR"
Name: "MaxWordHostYaBar"
Group: "domain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_REARR_USE, TG_DEPRECATED,
TG_OFTEN_ZERO]
Description: "The most characteristic query word corresponding to the site, according to the bar"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat/WHC"
Authors: "finder"
Responsibles: "akhropov"
}
Factor {
Index: 224
CppName: "FI_FIRST_WORD_HOST_CLICKS"
Name: "FirstWordHostClicks"
Group: "domain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED,
TG_OFTEN_ZERO]
Description: "Clickability of the host by the first word of the query. Quite often the first (last) word of the query is an
explicit indication of the site on which to search for information."
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat/WHC"
Authors: "finder"
Responsibles: "akhropov"
}
Factor {
Index: 225

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CppName: "FI_ALICE_MUSIC_ARTIST_NAME_CMMATCH_TOP5_AVG_MATCH"
Name: "AliceMusicArtistNameCMMatchTop5AvgMatch"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "CMMatchTop5AvgMatch factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 226
CppName: "FI_QUERY_DOWNER_YABAR_VISITS"
Name: "QueryDownerYabarVisits"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_USER_SEARCH_EXTERNAL,
TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_238D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS, TG_FORMULA_2245_DEP_5, TG_DEPRECATED]
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 227
CppName: "FI_QUERY_DOWNER_YABAR_VISITORS"
Name: "QueryDownerYabarVisitors"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_USER_SEARCH_EXTERNAL,
TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_238D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS, TG_FORMULA_2245_DEP_5, TG_DEPRECATED]
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 228
CppName: "FI_QUERY_DOWNER_YABAR_AVG_TIME"
Name: "QueryDownerYabarAvgTime"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_USER_SEARCH_EXTERNAL,
TG_L2, TG_REARR_USE, TG_SAMOHOD_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_238D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS, TG_FORMULA_2245_DEP_5,
TG_DEPRECATED]
Description: "User average active continuous time spent by a user (in seconds) on host pages after clicking on a query
from a search engine (the factor depends on the (query,domAttr) pair)."
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 229
CppName: "FI_QUERY_DOWNER_YABAR_AVG_TIME2"
Name: "QueryDownerYabarAvgTime2"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_USER_SEARCH_EXTERNAL,
TG_REARR_USE, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_238D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS, TG_FORMULA_2245_DEP_5,
TG_DEPRECATED]
Description: "User average active continuous time spent by a user (in seconds) on the host pages after clicking on a
request from a search engine (the factor depends on the (request,domAttr) pair). According to the
Yandex.Bar/Elements/Browser internal counter"
```

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 230  
CppName: "FI\_QUERY\_DOWNER\_YABAR\_AVG\_ACTIONS"  
Name: "QueryDownerYabarAvgActions"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_REARR\_USE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS, TG\_FORMULA\_2245\_DEP\_5, TG\_DEPRECATED]  
Description: "the average number of active actions (clicks, keystrokes) for users when the user is continuously on the host pages after clicking on a request from a search engine (the factor depends on the pair (request,domAttr)). . By the internal counter of Yandex.Bar/Elements /Browser"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 231  
CppName: "FI\_QUERY\_URL\_YABAR\_VISITS"  
Name: "QueryUrlYabarVisits"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_DEPRECATED, TG\_L2]  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/>"  
Authors: "akhropov"  
Responsibles: ["akhropov", "diver"]  
}  
Factor {  
Index: 232  
CppName: "FI\_QUERY\_URL\_YABAR\_VISITORS"  
Name: "QueryUrlYabarVisitors"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_REARR\_USE, TG\_DEPRECATED, TG\_L2]  
Description: "Number of unique visitors from search engines for a specific query"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/>"  
Authors: "akhropov"  
Responsibles: ["akhropov", "diver"]  
}  
Factor {  
Index: 233  
CppName: "FI\_QUERY\_URL\_YABAR\_AVG\_TIME"  
Name: "QueryUrlYabarAvgTime"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_DEPRECATED, TG\_L2]  
Description: "user average active continuous time (in seconds) on the page after clicking on a query from a search engine (the factor depends on the pair (query, url))."  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/>"  
Authors: "akhropov"  
Responsibles: ["akhropov", "diver"]  
}  
Factor {  
Index: 234  
CppName: "FI\_QUERY\_URL\_YABAR\_AVG\_TIME2"  
Name: "QueryUrlYabarAvgTime2"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_DEPRECATED, TG\_L2]

Description: "User average active continuous time spent by a user (in seconds) on the page after clicking on a request from a search engine (the factor depends on the pair (request, url)). According to the Yandex.Bar / Elements / Browser internal counter"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/>"

Authors: "akhropov"

Responsibles: ["akhropov", "diver"]

}

Factor {

Index: 235

CppName: "FI\_QUERY\_URL\_YABAR\_AVG\_ACTIONS"

Name: "QueryUrlYabarAvgActions"

AntiSeoUpperBound: 1.0

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_DEPRECATED, TG\_L2]

Description: "Users average number of active actions (clicks, keystrokes) on the page after clicking on a query from a search engine (the factor depends on the pair (query, url))"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/>"

Authors: "akhropov"

Responsibles: ["akhropov", "diver"]

}

Factor {

Index: 236

CppName: "FI\_DSSM\_BERT\_DISTILL\_SINSIG\_MSE\_BASE\_REG\_CHAIN"

Name: "DssmBertDistillSinsigMseBaseRegChain"

Tags: [TG\_REMOVED]

Description: "A pool of PRS logs is marked up using Bert trained on sinsig. A dssm model is trained on this pool using BaseRegionChain"

UseArtifact: {Name: "DssmBertDistillSinsigMseBaseRegChain"}

Ticket: "FACTOR-2287"

Authors: ["ivaninap", "rmpilstiltskin"]

Responsibles: ["ivaninap", "rmpilstiltskin"]

ImplementationTime: "2020-02-21"

}

Factor {

Index: 237

CppName: "FI\_DSSM\_BERT\_DISTILL\_RELEVANCE\_MSE\_BASE\_REG\_CHAIN"

Name: "DssmBertDistillRelevanceMseBaseRegChain"

Tags: [TG\_REMOVED]

Description: "A pool of PRS logs is marked up using Bert trained for relevance. A dssm model is trained on this pool using BaseRegionChain"

UseArtifact: {Name: "DssmBertDistillRelevanceMseBaseRegChain"}

Ticket: "FACTOR-2287"

Authors: ["ivaninap", "rmpilstiltskin"]

Responsibles: ["ivaninap", "rmpilstiltskin"]

ImplementationTime: "2020-02-21"

}

Factor {

Index: 238

CppName: "FI\_ALICE\_MUSIC\_ARTIST\_NAME\_PER\_WORD\_CM\_MAX\_MATCH\_MIN"

Name: "AliceMusicArtistNamePerWordCMMMaxMatchMin"

Tags: [TG\_UNUSED, TG\_DYNAMIC, TG\_DOC, TG\_ALICE\_MUSIC, TG\_ANNOTATION\_NOFILTER, TG\_TEXT\_MACHINE, TG\_ALLOW\_USE\_FOR\_ALICE]

Description: "PerWordCMMMaxMatchMin factor value for AliceMusic stream"

Wiki: "<https://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/factordev/web/factors/lingboost>"

Ticket: ["BUKI-2932"]

Authors: "anrodigina"

Responsibles: ["anrodigina", "gotmanov", "hommforever"]

ImplementationTime: "2020-03-11"

}

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Factor {
Index: 239
CppName: "FI_ALICE_MUSIC_ARTIST_NAME_ATTENV1_BM15_K05"
Name: "AliceMusicArtistNameAttenV1_Bm15_K05"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "AttenV1_Bm15_K05 factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 240
CppName: "FI_ALICE_MUSIC_ALBUM_TITLE_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "AliceMusicAlbumTitleAnnotationMaxValueWeighted"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "AnnotationMaxValueWeighted factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 241
CppName: "FI_IS_FOREIGN_QUERY"
Name: "IsForeignQuery"
DependsOn: [{"Feature": "IsForeignQuery"}, {"Slice": "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_DEPRECATED]
Description: "Request is not in Russian"
Authors: "denplusplus"
Responsibles: "alsifr"
UseArtifact: {Name: "QueryLang"}
}
Factor {
Index: 242
CppName: "FI_IS_FOREIGN_CLUSTER"
Name: "IsForeignCluster"
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "document from a foreign cluster"
Responsibles: "alsifr"
}
Factor {
Index: 243
CppName: "FI_PAGE_REGION_SIZE_IN"
Name: "PageRegionSizeIn"
Tags: [TG_DOC, TG_STATIC, TG_STATIC_REGINFO, TG_UNDOCUMENTED, TG_L2, TG_L3_OVERWRITE,
TG_NN_OVER_FEATURES_USE]
Description: "Page region size"
Authors: "denplusplus"
Responsibles: "alsifr"
}
Factor {
```

Index: 244

CppName: "FI\_PAGE\_REGION\_INV\_SIZE\_IN"

Name: "PageRegionInvSizeIn"

Tags: [TG\_DOC, TG\_STATIC, TG\_STATIC\_REGINFO, TG\_UNDOCUMENTED, TG\_L2, TG\_L3\_OVERWRITE, TG\_NN\_OVER\_FEATURES\_USE]

Description: "The factor is inversely proportional to the size of the page region"

Authors: "denplusplus"

Responsibles: "alsifr"

CanonicalValue: 1.0

}

Factor {

Index: 245

CppName: "FI\_QUERY\_REGION\_SIZE"

Name: "QueryRegionSize"

Group: "Query"

Tags: [TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Request region size"

Authors: "denplusplus"

Responsibles: "alsifr"

}

Factor {

Index: 246

CppName: "FI\_QUERY\_REGION\_INV\_SIZE"

Name: "QueryRegionInvSize"

Group: "Query"

Tags: [TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "The factor is inversely proportional to the size of the request region"

Authors: "denplusplus"

Responsibles: "alsifr"

}

Factor {

Index: 247

CppName: "FI\_GEO\_GEOMETRY\_PROXIM"

Name: "GeoGeometryProxim"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_UNDOCUMENTED, TG\_L2, TG\_REARR\_USE, TG\_L3\_OVERWRITE, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Geographical proximity of the user and the site"

Authors: "denplusplus"

Responsibles: "alsifr"

}

Factor {

Index: 248

CppName: "FI\_RINGS\_HOST\_RANK\_BADNESS\_OLD"

Name: "RingsHostRankBadnessOld"

Wiki: "[http://wiki.yandex-](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=181r#h58953-4)

[team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=181r#h58953-4](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=181r#h58953-4)"

Tags: [TG\_OWNER, TG\_STATIC, TG\_DEPRECATED]

Description: "Characterizes the site's promotion by link rings. The value is the share of external links that are included in link rings and link exchangers."

Authors: ["denplusplus", "raigorodsky"]

Responsibles: ["raigorodsky", "alsifr"]

}

Factor {

Index: 249

CppName: "FI\_YABAR\_HOST\_VISITORS"

Name: "YabarHostVisitors"



Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]  
Description: "number of unique visitors, remaps exponentially"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/#2008>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 250  
CppName: "FI\_YABAR\_HOST\_SEARCH\_TRAFFIC"  
Name: "YabarHostSearchTraffic"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]  
Description: "Share of traffic from search engines"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/#2008>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 251  
CppName: "FI\_YABAR\_HOST\_INTERNAL\_TRAFFIC"  
Name: "YabarHostInternalTraffic"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_REARR\_USE, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]  
Description: "percentage of visits to the site not by links (typed by hand or from bookmarks)"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/#2008>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 252  
CppName: "FI\_YABAR\_HOST\_AVG\_TIME"  
Name: "YabarHostAvgTime"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_L2, TG\_REARR\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]  
Description: "user average active continuous user spent time (in seconds) on host pages"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/#2008>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 253  
CppName: "FI\_YABAR\_HOST\_AVG\_TIME2"  
Name: "YabarHostAvgTime2"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_L2, TG\_REARR\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]  
Description: "Users average active continuous time spent by a user (in seconds) on the pages of the host. According to the internal counter of Yandex.Bar/Elements/Browser"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/userbrowsingactions/#2008>"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 254  
CppName: "FI\_YABAR\_HOST\_AVG\_ACTIONS"  
Name: "YabarHostAvgActions"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]

Description: "User average number of active actions (clicks, keystrokes) while the user is continuously (in seconds) on the host's pages."

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 255

CppName: "FI\_YABAR\_HOST\_BROWSE\_RANK"

Name: "YabarHostBrowseRank"

Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_BROWSER\_PAGE\_RANK, TG\_USERFEAT]

Description: "implementation of the algorithm described in the article (<http://wiki.yandex-team.ru//h.yandex.net/?http%3A%2F%2Fresearch.microsoft.com%2Fen-us%2Fpeople%2Ftyliu%2Ffp032-liu.pdf> <http://research.microsoft.com/en-us/people/tyliu/fp032-liu.pdf>)"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 256

CppName: "FI\_YABAR\_URL\_VISITS"

Name: "YabarUrlVisits"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]

Description: "Url traffic according to i-bar"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/YabarUrlFactors>"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 257

CppName: "FI\_YABAR\_URL\_VISITORS"

Name: "YabarUrlVisitors"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]

Description: "Number of unique url visitors"

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/YabarUrlFactors>"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 258

CppName: "FI\_YABAR\_URL\_AVG\_TIME"

Name: "YabarUrlAvgTime"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_REARR\_USE, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]

Description: "Average user time spent on the page. Calculated as the difference between adjacent transitions."

Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/YabarUrlFactors>"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 259

CppName: "FI\_OWNER\_SATISFIED4\_RATE"

Name: "OwnerSatisfied4Rate"

Ticket: "BUKI-955"

Wiki: "[http://wiki.yandex-](http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/OwnerSatisfied4Rate)

[team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/OwnerSatisfied4Rate](http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/OwnerSatisfied4Rate)"

Tags: [TG\_STATIC, TG\_OWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEPRECATED]

Description: "This is the SEA factor =  $s4_r / (k_r + 10)$  where  $s4_r$  is the number of clicks > 180 sec,  $k_r$  is the total number of clicks. Calculated with reformulations."

Authors: ["popescul", "cliff", "akhropov", "angshu"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 260

CppName: "FI\_OWNER\_SATISFIED4\_RATE\_REG"

Name: "OwnerSatisfied4Rate\_Reg"

Ticket: "BUKI-955"

Wiki: "http://wiki.yandex-

team.ru/jandekspoisik/kachestvopoisika/obshayaformula/tekushhiekomponenty/OwnerSatisfied4Rate"

Group: "RegHostStatic"

Tags: [TG\_STATIC, TG\_OWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_2RECEPATE\_D]

Countries: CNT\_RELEV

Description: "This is the SEA factor =  $s4_r / (k_r + 10)$  where  $s4_r$  is the number of clicks > 180 sec,  $k_r$  is the total number of clicks. Calculated with reformulations. Localized version"

Authors: ["popescul", "cliff", "akhropov", "angshu"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 261

CppName: "FI\_URL\_QUERY\_VARIETY"

Name: "UrlQueryVariety"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_REARR\_USE, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Degree of variety of requests that are clicked on this url"

Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Kliki#urlqueryvarietyreg"

Authors: "akhropov"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 262

CppName: "FI\_IS\_COMM\_BY\_KEYWORDS"

Name: "IsCommByKeywords"

Tags: [TG\_STATIC, TG\_DEPRECATED]

Description: "The page is commercial based on keywords. Not used (deprecated)"

Authors: "denplusplus"

Responsibles: "alsafir"

}

Factor {

Index: 263

CppName: "FI\_DOC\_TFIDF\_SUM"

Name: "DocIdfSum\_broken"

Tags: [TG\_STATIC, TG\_DEPRECATED, TG\_L2]

Description: "Idf for various parts of the document, broken, not used"

Authors: "melton"

Responsibles: "melton"

}

Factor {

Index: 264

CppName: "FI\_TITLE\_IDF\_SUM"

Name: "TitleIdfSum\_broken"  
Tags: [TG\_STATIC, TG\_DEPRECATED, TG\_L2]  
Description: "Idf for various parts of the document, broken, not used"  
Authors: "melton"  
Responsibles: "melton"  
}  
Factor {  
Index: 265  
CppName: "FI\_HEADING\_IDF\_SUM"  
Name: "HeadingIdfSum\_broken"  
Tags: [TG\_STATIC, TG\_DEPRECATED, TG\_L2]  
Description: "Idf for various parts of the document, broken, not used"  
Authors: "melton"  
Responsibles: "melton"  
}  
Factor {  
Index: 266  
CppName: "FI\_NORMAL\_TEXT\_IDF\_SUM"  
Name: "NormalTextIdfSum\_broken"  
Tags: [TG\_STATIC, TG\_DEPRECATED, TG\_L2]  
Description: "Idf for various parts of the document, broken, not used"  
Authors: "melton"  
Responsibles: "melton"  
}  
Factor {  
Index: 267  
CppName: "FI\_LR\_VIDEO\_RELEV"  
Name: "XLRVideoRelev"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_DEPRECATED]  
Description: "Link factor about the presence of a video on the page."  
Authors: "vnik"  
Responsibles: "vnik"  
}  
Factor {  
Index: 268  
CppName: "FI\_AUX\_TEXT\_BM25"  
Name: "AuxTextBM25"  
AntiSeoUpperBound: 0.8  
Group: "AuxBM25"  
Tags: [TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "BM25 by user region for localizable requests, for non-localizable requests in KUB - country. The texts of requests sent for regions can be viewed in relev\_regions.txt in the sorcerer"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 269  
CppName: "FI\_AUX\_LINK\_BM25"  
Name: "AuxLinkBM25"  
AntiSeoUpperBound: 0.8  
Group: "AuxBM25"  
Tags: [TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_LINK\_TEXT, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Same for link relevancy"  
Authors: "denplusplus"  
Responsibles: "alsafr"

```

}
Factor {
Index: 270
CppName: "FI_COMM_LINKS_SEO_HOSTS"
Name: "CommLinksSEOHosts"
AntiSeoUpperBound: 1.0
Tags: [TG_COMMERCIAL, TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "The share of incoming sales links. An algorithm for recognizing commercial links has been implemented.
The factor is remapped to [0,1] if the share of such links is > 50%, otherwise 0. ((http://wiki.yandex-
team.ru/SvetlanaShorina/topseolinks a selection of cheated sites))"
Authors: "kvn"
Responsibles: "sisoid"
}
Factor {
Index: 271
CppName: "FI_COMM_LINKS_SEO_HOSTS_PORNO_QUERY"
Name: "CommLinksSEOHostsPornoQuery"
AntiSeoUpperBound: 1.0
Tags: [TG_COMMERCIAL, TG_LINK_GRAPH, TG_OWNER, TG_DYNAMIC, TG_THEME_CLASSIF, TG_DEPRECATED,
TG_OFTEN_ZERO, TG_L2]
Description: "Previous factor multiplied by PornoQuery"
Authors: "kvn"
Responsibles: "sisoid"
}
Factor {
Index: 272
CppName: "FI_COMM_LINKS_SEO_HOSTS_NON_COMM"
Name: "CommLinksSEOHostsNonComm"
AntiSeoUpperBound: 1.0
Tags: [TG_COMMERCIAL, TG_LINK_GRAPH, TG_OWNER, TG_DYNAMIC, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "CommLinksSEOHosts factor multiplied by NonCommercialQuery"
Authors: "kvn"
Responsibles: "sisoid"
}
Factor {
Index: 273
CppName: "FI_TOVAR_CATEGORY_QUERY"
Name: "ProductCategoryQuery"
DependsOn: [{Feature: ["ProductCategoryQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
AntiSeoUpperBound: 1.0
Tags: [TG_COMMERCIAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_REARR_USE, TG_DEPRECATED, TG_OFTEN_ZERO,
TG_L2]
Description: "The request mentions a product category. Not used (deprecated)"
Responsibles: "alsifr"
}
Factor {
Index: 274
CppName: "FI_TOVAR_VENDOR_QUERY"
Name: "ProductCategoryVendor"
DependsOn: [{Feature: ["ProductCategoryVendor"], Slice: "begemot_query_factors"}]
Group: "Query"
AntiSeoUpperBound: 1.0
Tags: [TG_COMMERCIAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_REARR_USE, TG_DEPRECATED, TG_OFTEN_ZERO,
TG_L2]
Description: "Vendor mentioned in request. Not used (deprecated)"
Responsibles: "alsifr"
}
}

```

```
Factor {
Index: 275
CppName: "FI_Q_DIVERSITY2"
Name: "Diversity2"
DependsOn: [{Feature: ["Diversity2"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_REARR_USE,
TG_OFTEN_ZERO, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_DEPRECATED]
Description: "Geographic distribution of the request"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/Diversity2"
Authors: "denplusplus"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 276
CppName: "FI_NIGHT_QUERY"
Name: "NightQuery"
DependsOn: [{Feature: ["NightQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_BINARY,
TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Request is made mostly at night"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HourDiversity"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 277
CppName: "FI_MORNING_QUERY"
Name: "MorningQuery"
DependsOn: [{Feature: ["MorningQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_BINARY,
TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "The request is usually asked in the morning"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HourDiversity"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 278
CppName: "FI_DAY_QUERY"
Name: "DayQuery"
DependsOn: [{Feature: ["DayQuery"], Slice: "begemot_query_factors"}]
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_BINARY,
TG_REARR_USE, TG_L2, TG_DEPRECATED]
Group: "Query"
Description: "Request is made mostly during the day"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HourDiversity"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 279
CppName: "FI_EVENING_QUERY"
Name: "EveningQuery"
DependsOn: [{Feature: ["EveningQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
}
```

```
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_BINARY,
TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Request is asked mostly in the evening"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HourDiversity"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 280
CppName: "FI_HOUR_DIVERSITY"
Name: "HourDiversity"
DependsOn: [{Feature: ["HourDiversity"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_REARR_USE,
TG_OFTEN_ZERO, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_DEPRECATED]
Description: "Degree of expressiveness of setting requests at different times of the day"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HourDiversity"
Authors: "denplusplus"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 281
CppName: "FI_LCOR"
Name: "LCor"
Group: "Dynamic"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_DEPRECATED]
Description: "Characterizes the frequency of words in links. The factor is large if the word that played in link relevance
is rare for links."
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 282
CppName: "FI_SUBQUERY_THEME_MATCH_A"
Name: "SubqueryThMatchA"
Tags: [TG_DOC, TG_DYNAMIC, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_DEPRECATED]
Description: "Coincidence of the thematic spectra of the query and the document. The subject of the query is the
result of the work ((http://wiki.yandex-team.ru/EvgenijKroxalev/subquery SubquerySearch sorcerer's rules)) The
subject of the document is determined by an automatic classifier"
Authors: ["ekrokhalev", "pyal"]
Responsibles: ["pyal", "lamo"]
}
Factor {
Index: 283
CppName: "FI_TR_DOCQUORUM"
Name: "TRDocQuorum"
Group: "Dynamic"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "The weight of the query words that are in the text"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 284
CppName: "FI_LR_DOCQUORUM"
Name: "LRDocQuorum"
```

Group: "Dynamic"  
Tags: [TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_DEPRECATED]  
Description: "The weight of the query words that are in the links"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 285  
CppName: "FI\_TRLR\_DOCQUORUM"  
Name: "TRLRDocQuorum"  
Group: "Dynamic"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "The weight of the query words that are in the text and links"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 286  
CppName: "FI\_OWNER\_SDIFF\_CLICK\_ENTROPY"  
Name: "OwnerSDiffClickEntropy"  
Tags: [TG\_STATIC, TG\_OWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245, TG\_DEP\_RECATE3]  
Description: "Entropy - click distribution"  
Wiki: "<http://wiki.yandex-team.ru/YandexLabsDev/MLRFeatureResearch/OwnerClick>"  
Authors: ["cliff", "akhropov"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 287  
CppName: "FI\_OWNER\_SDIFF\_SHOW\_ENTROPY"  
Name: "OwnerSDiffShowEntropy"  
Tags: [TG\_STATIC, TG\_OWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245, TG\_DEP\_RECATE3]  
Description: "Entropy - distribution of impressions"  
Wiki: "<http://wiki.yandex-team.ru/YandexLabsDev/MLRFeatureResearch/OwnerClick>"  
Authors: ["cliff", "akhropov"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 288  
CppName: "FI\_OWNER\_SDIFF\_CSRATIO\_ENTROPY"  
Name: "OwnerSDiffCSRatioEntropy"  
Tags: [TG\_STATIC, TG\_OWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245, TG\_DEP\_RECATE3]  
Description: "Entropy - click/impression ratio distribution"  
Wiki: "<http://wiki.yandex-team.ru/YandexLabsDev/MLRFeatureResearch/OwnerClick>"  
Authors: ["cliff", "akhropov"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 289  
CppName: "FI\_PORNO\_LR\_LOG\_RELEV"  
Name: "XPornoLRlogRelev"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]



Description: "Document porn by link text"  
Authors: "somov"  
Responsibles: "somov"  
}  
Factor {  
Index: 290  
CppName: "FI\_PORNO\_NORM\_LR\_LOG\_RELEV"  
Name: "XPornoNormLRlogRelev"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Document porn by link text, different normalization"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 291  
CppName: "FI\_XPORNO\_QUERY"  
Name: "XPornoQuery"  
DependsOn: [{Feature: ["XPornoQuery"], Slice: "begemot\_query\_factors"}]  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_THEME\_CLASSIF, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Description: "Porn query classifier, different dictionary than PornoQuery"  
Responsibles: "alsafr"  
UseArtifact: {Name: "PornoQueryList"}  
}  
Factor {  
Index: 292  
CppName: "FI\_ALICE\_MUSIC\_ALBUM\_TITLE\_ATTENV1\_BM15\_K05"  
Name: "AliceMusicAlbumTitleAttenV1\_Bm15\_K05"  
Tags: [TG\_UNUSED, TG\_DYNAMIC, TG\_DOC, TG\_ALICE\_MUSIC, TG\_ANNOTATION\_NOFILTER, TG\_TEXT\_MACHINE, TG\_ALLOW\_USE\_FOR\_ALICE]  
Description: "AttenV1\_Bm15\_K05 factor value for AliceMusic stream"  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost>"  
Ticket: ["BUKI-2932"]  
Authors: "anrodigina"  
Responsibles: ["anrodigina", "gotmanov", "hommforever"]  
ImplementationTime: "2020-03-11"  
}  
Factor {  
Index: 293  
CppName: "FI\_GEO\_COUNTRY\_COUNTRY\_PROXIM"  
Name: "GeoCountryCountryProxim"  
Tags: [TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_HOST, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Geographic proximity of the country of the site and the country of the request"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 294  
CppName: "FI\_URL\_DOMAIN\_FRACTION"  
Name: "UrlDomainFraction"  
Group: "Dynamic"  
Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UrlTrigramFraction>"  
Tags: [TG\_HOST, TG\_DYNAMIC, TG\_URL\_TEXT, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

Description: "Domain coverage with three letters from the request. (Chelyabinsk lottery - chelloto. We translate the request into transliteration, find the three letters that are covered (che, hel, lot, olo), see what percentage of all the three letters is covered)"

Authors: ["cliff", "melton"]

Responsibles: ["tsimkha", "melton"]

}

Factor {

Index: 295

CppName: "FI\_URL\_PATH\_AND\_PARAMS\_FRACTION"

Name: "UrlPathAndParamsFraction"

Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/UrlTrigramFraction"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_URL\_TEXT, TG\_REARR\_USE, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

Description: "Same as the previous factor, but for the entire url except for the domain"

Responsibles: ["tsimkha", "alsifr"]

}

Factor {

Index: 296

CppName: "FI\_SPECIFIC\_QUERY"

Name: "SpecificQuery"

Group: "Query"

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]

Description: "The request is locally specific. The request is often reformulated with an explicit region specification. ((<https://ml.yandex-team.ru/archive/thread1433892/#message1433892> more))"

Authors: "denplusplus"

Responsibles: "alsifr"

}

Factor {

Index: 297

CppName: "FI\_JOKER\_LEN"

Name: "Joker"

Ticket: "BUKI-705"

Group: "CombinedSequences"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_DEPRECATED]

Description: "We count text features, assuming that the title of the page is assigned to each of its sentences, i.e. the distance between the word from the title and any other word is 1 sentence. Len is the maximum ratio of words from the query encountered in some sentence of the text (with title) in relation to the length of the request Example [Kharms Circus Vertunov] for (([http://wiki.yandex-team.ru/h.yandex.net/?http%3A%2F%2Fwww.wikilivres.info%2Fwiki%2F%25D0%25A6%25D0%25B8%25D1%2580%25D0%25BA\\_%25D0%25A8%25D0%25B0%25D1%2580%25D0%25B4%25D0%25B0%25D0%25BC\\_%28%25D0%25A5%25D0%25B0%25D1%2580%25D0%25BC%25D1%2581%29](http://wiki.yandex-team.ru/h.yandex.net/?http%3A%2F%2Fwww.wikilivres.info%2Fwiki%2F%25D0%25A6%25D0%25B8%25D1%2580%25D0%25BA_%25D0%25A8%25D0%25B0%25D1%2580%25D0%25B4%25D0%25B0%25D0%25BC_%28%25D0%25A5%25D0%25B0%25D1%2580%25D0%25BC%25D1%2581%29) of this document))"

Authors: "styskin"

Responsibles: "styskin"

}

Factor {

Index: 298

CppName: "FI\_JOKER\_WEIGHT"

Name: "Joker Weight"

Group: "CombinedSequences"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_DEPRECATED]

Description: "The ratio of the sum idf of the words found in the sentence+title to all the words."

Responsibles: "alsifr"

}

Factor {

Index: 299

CppName: "FI\_EXACT\_JOKER\_LEN"

```
Name: "ExactJokerLen"
Group: "CombinedSequences"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_DEPRECATED]
Description: "Same as JokerLen, in exact forms"
Responsibles: "alsafr"
}
Factor {
Index: 300
CppName: "FI_EXACT_JOKER_WEIGHT"
Name: "ExactJokerWeight"
Group: "CombinedSequences"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_DEPRECATED]
Description: "Same as JokerWeight, with exact shapes"
Responsibles: "alsafr"
}
Factor {
Index: 301
CppName: "FI_MORE_120_SEC_VISITS_NOT_SEARCH_SHARE"
Name: "More120SecVisitsNotSearchShare"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_COMMERCIAL, TG_NN_OVER_FEATURES_USE]
Description: "Remapped mascot feature More120SecVisitsNotSearchShare"
Ticket: "SEARCHSPAM-15531"
Authors: ["bikulov"]
Responsibles: ["bikulov", "sdormidontov"]
ImplementationTime: "2020-09-30"
}
Factor {
Index: 302
CppName: "FI_LINK_BREAK"
Name: "LnkBreak"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Analogues of the corresponding text factors for links. BM25 of the number of links in which a match occurred."
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 303
CppName: "FI_LINK_BM25_EX"
Name: "LnkBm25Ex"
Group: ["LinkBM25", "Dynamic"]
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Simple BM25 in exact form in link texts"
Responsibles: "alsafr"
}
Factor {
Index: 304
CppName: "FI_LINK_PAIR_SYN"
Name: "LnkPairSy"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "The presence of pairs of words in links, taking into account synonyms"
Responsibles: "alsafr"
}
Factor {
Index: 305
CppName: "FI_LINK_BREAK_SYN"
```

```

Name: "LnkBrkSy"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Number of links that passed the threshold"
Responsibles: "alsafr"
}
Factor {
Index: 306
CppName: "FI_LINK_BM25_SYN"
Name: "LnkBm25Sy"
Group: ["LinkBM25", "Dynamic"]
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Simple BM25 on links with synonyms"
Responsibles: "alsafr"
}
Factor {
Index: 307
CppName: "FI_IS_VIDEO_QUERY"
Name: "VideoQuery"
DependsOn: [{"Feature": "VideoQuery"}, {"Slice": "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Video request"
Responsibles: "alsafr"
}
Factor {
Index: 308
CppName: "FI_OWNER_CLICKS_PCTR_REG"
Name: "OwnerClicksPCTR_Reg"
Tags: [TG_STATIC, TG_OWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_OFTEN_ZERO, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Group: "RegHostStatic"
Description: "Click-through rate of the owner regardless of the request, separately by region"
Wiki: "http://wiki.yandex-team.ru/YandexSearch/SearchQuality/Clicks#ownerclickspctrreg"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 309
CppName: "FI_OWNER_SDIFF_CLICK_ENTROPY_REG"
Name: "OwnerSDiffClickEntropy_Reg"
Group: "RegHostStatic"
Tags: [TG_STATIC, TG_OWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "Entropy - click distribution. Regionalized"
Wiki: "http://wiki.yandex-team.ru/YandexLabsDev/MLRFeatureResearch/OwnerClick"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 310
CppName: "FI_OWNER_SDIFF_SHOW_ENTROPY_REG"
Name: "OwnerSDiffShowEntropy_Reg"

```

```
Group: "RegHostStatic"
Tags: [TG_STATIC, TG_OWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "Entropy - impression distribution. Regionalized"
Wiki: "http://wiki.yandex-team.ru/YandexLabsDev/MLRFeatureResearch/OwnerClick"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 311
CppName: "FI_OWNER_SDIFF_CSRATIO_ENTROPY_REG"
Name: "OwnerSDiffCSRatioEntropy_Reg"
Group: "RegHostStatic"
Tags: [TG_STATIC, TG_OWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "Entropy - click/impression ratio distribution. Regionalized"
Wiki: "http://wiki.yandex-team.ru/YandexLabsDev/MLRFeatureResearch/OwnerClick"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 312
CppName: "FI_ADULTNESS"
Name: "Adultness"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_THEME_CLASSIF, TG_DEPRECATED, TG_OFTEN_ZERO, TG_L2]
Description: "equals 2 * NastyContent"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/Adultness"
Authors: "melton"
Responsibles: "snow"
}
Factor {
Index: 313
CppName: "FI_HOST_ADULTNESS"
Name: "Host Adult"
Tags: [TG_HOST, TG_STATIC, TG_THEME_CLASSIF, TG_DEPRECATED, TG_OFTEN_ZERO, TG_L2]
Description: "equals 2 * NastyContent"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HostAdultness"
Responsibles: "snow"
}
Factor {
Index: 314
CppName: "FI_KC_HOST_ADULTNESS"
Name: "KCHostAdultness"
Tags: [TG_HOST, TG_STATIC, TG_THEME_CLASSIF, TG_BINARY, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "always zero"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/KCHostAdultness"
Responsibles: "snow"
}
Factor {
Index: 315
CppName: "FI_IS_COM"
Name: "Iscom"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DomainZone"
Tags: [TG_HOST, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
```

```
Description: "Domain in zone .com"
Authors: "somov"
Responsibles: ["tsimkha", "alsifr"]
}
Factor {
Index: 316
CppName: "FI_IS_UA"
Name: "IsUa"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/DomainZone"
Tags: [TG_HOST, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Domain in .ua zone"
Authors: "somov"
Responsibles: ["tsimkha", "alsifr"]
}
Factor {
Index: 317
CppName: "FI_IS_NOT_EN"
Name: "IsNotRu"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/DomainZone"
Tags: [TG_HOST, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The domain is not in the .ru zone"
Authors: "somov"
Responsibles: ["tsimkha", "alsifr"]
}
Factor {
Index: 318
CppName: "FI_LR_MARKET_RELEV"
Name: "XLRMarketRelev"
AntiSeoUpperBound: 1.0
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_DEPRECATED]
Description: "LR by links from Yandex.Market"
Authors: "gulin"
Responsibles: "gulin"
}
Factor {
Index: 319
CppName: "FI_POETRY"
Name: "Poetry"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-18"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Document poetry"
Authors: "vnik"
Responsibles: "vnik"
}
Factor {
Index: 320
CppName: "FI_POETRY_QUAD"
Name: "PoetryQuad"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#h20931-18"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Maximum versification of a quatrain"
Authors: "vnik"
Responsibles: "vnik"
```

```
}
Factor {
Index: 321
CppName: "FI_ENG_LANG"
Name: "EngLang"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO,
TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Document language is English"
Responsibles: "alsafr"
}
Factor {
Index: 322
CppName: "FI_DOC_HAS_TWO_EXACT_QUERY_PARTS"
Name: "Has2ExactQueryParts"
Group: "ExactGroups"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_NN_OVER_FEATURES_USE]
Description: "The query is completely covered by two exact match groups consisting of exact match query words in a
row ((http://wiki.yandex-team.ru/poiskovajaplatforma/tr/CoverageByGroups About group coverage))"
Authors: ["finder", "gruntova"]
Responsibles: "finder"
}
Factor {
Index: 323
CppName: "FI_DOC_HAS_LEVENSHT1_QUERY_FRAGMENT"
Name: "HasLevensht1QueryFragment"
Group: "ExactGroups"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_NN_OVER_FEATURES_USE]
Description: "There is a group of exact match query words covering the query (possibly with a word omitted, added or
replaced)"
Authors: ["finder", "gruntova"]
Responsibles: "finder"
}
Factor {
Index: 324
CppName: "FI_LARGEST_SY_INEXACT_GROUP"
Name: "LargestSyInexactGroup"
Group: "ExactGroups"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Proportion of the query covered by the longest group of any hits (including word forms and synonyms).
Possibly with skipping, adding or replacing a word"
Authors: ["finder", "gruntova"]
Responsibles: "finder"
}
Factor {
Index: 325
CppName: "FI_TIME_PROFILES_MATCH_WD"
Name: "TimeProfilesMatchWD"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_BINARY, TG_DEPRECATED,
TG_OFTEN_ZERO]
Description: "Characterizes the proximity of time profiles of the request and documents on weekdays"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/TimeProfilesMatch"
Authors: "akorsun"
Responsibles: "alsafr"
}
Factor {
```

Index: 326  
CppName: "FI\_TIME\_PROFILES\_MATCH\_WE"  
Name: "TimeProfilesMatchWE"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_BINARY, TG\_DEPRECATED, TG\_OFTEN\_ZERO]  
Description: "Characterizes proximity of time profiles of query and documents on weekends"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/TimeProfilesMatch"  
Authors: "akorsun"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 327  
CppName: "FI\_CYR\_LANG"  
Name: "CyrLang"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/CyrLang"  
AntiSeoUpperBound: 1.0  
Tags: [TG\_BINARY, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Document language Cyrillic"  
Responsibles: "pavelgur"  
}  
Factor {  
Index: 328  
CppName: "FI\_REGIONAL\_U\_QUERY"  
Name: "GeoRegionalityU"  
DependsOn: [{"Feature": ["GeoRegionalityU"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_THEME\_CLASSIF, TG\_DEPRECATED, TG\_L2]  
Description: "Request factors - the result of the work ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoRegionality of the classifier of the geolocalization of the request))U-geo-useless - regional issuance on request is meaningless"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 329  
CppName: "FI\_REGIONAL\_R\_QUERY"  
Name: "GeoRegionalityR"  
DependsOn: [{"Feature": ["GeoRegionalityR"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_THEME\_CLASSIF, TG\_DEPRECATED, TG\_L2]  
Description: "R-geo-relevant - regional results could be useful, but nothing more"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 330  
CppName: "FI\_REGIONAL\_V\_QUERY"  
Name: "GeoRegionalityV"  
DependsOn: [{"Feature": ["GeoRegionalityV"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_THEME\_CLASSIF, TG\_DEPRECATED, TG\_L2]  
Description: "V- geovital - regional issuance is of fundamental importance"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 331



```
CppName: "FI_URL_HAS_NO_DIGITS"
Name: "UrlHasNoDigits"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "There are no numbers in the url"
Authors: "melton"
Responsibles: "melton"
}
Factor {
Index: 332
CppName: "FI_ALICE_MUSIC_TRACK_ARTIST_NAMES_ALL_WCM_MAX_MATCH"
Name: "AliceMusicTrackArtistNamesAllWcmMaxMatch"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "AllWcmMaxMatch factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 333
CppName: "FI_ALICE_MUSIC_TRACK_ALBUM_TITLE_COSINE_MATCH_MAX_PREDICTION"
Name: "AliceMusicTrackAlbumTitleCosineMatchMaxPrediction"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "CosineMatchMaxPrediction factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 334
CppName: "FI_SYN_S1"
Name: "SynS1"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "They show how unnatural the text is from the point of view of the Russian language. Evaluation of how
much the text of the document can be considered as generated by a synonymizer or even automatic.
antispam?v=1il#h58953-2 more))"
Authors: "grechnik"
Responsibles: "greek"
}
Factor {
Index: 335
CppName: "FI_SYN_FL_REMAP1"
Name: "SynFLremap1"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "They show how unnatural the text is from the point of view of the Russian language. Evaluation of how
much the text of the document can be considered as generated by a synonymizer or even automatic.
antispam?v=1il#h58953-2 more))"
Authors: "grechnik"
Responsibles: "greek"
}
Factor {
```

Index: 336

CppName: "FI\_SYN\_FL\_REMAP2"

Name: "SynFLremap2"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "They show how unnatural the text is from the point of view of the Russian language. An assessment of how much the text of the document can be considered a generated synonymizer or even automatic.

antispam?v=1il#h58953-2 more))"

Authors: "grechnik"

Responsibles: "greek"

}

Factor {

Index: 337

CppName: "FI\_OWNER\_SESS\_NORM\_DUR"

Name: "OwnerSessNormDuration"

Tags: [TG\_STATIC, TG\_OWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_REARR\_USE, TG\_L2, TG\_NN\_OVER\_FEARS\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEPD]

Description: "nd/k normalized time to click"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovateliskiesessii"

Authors: ["cliff", "akhropov", "angshu"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 338

CppName: "FI\_URL\_SESS\_NORM\_DUR\_RATE"

Name: "UrlSessNormDurRate"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_REARR\_USE, TG\_L2, TG\_NN\_OVER\_FEEAS\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEPDTURE]

Description: "nd/i"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovateliskiesessii"

Authors: ["cliff", "akhropov", "angshu"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 339

CppName: "FI\_QUERY\_DOWNER\_SESS\_NORM\_DUR"

Name: "QueryDownerSessNormDuration"

Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_REARR\_USE, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Countries: CNT\_RELEV

Description: "nd/k"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovateliskiesessii"

Authors: ["cliff", "akhropov", "angshu"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 340

CppName: "FI\_QUERY\_DOWNER\_WEIGHT\_CLICK"

Name: "QueryDownerWeightClick"

Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_REARR\_USE, TG\_L2,

TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "w/k"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"  
Authors: ["cliff", "akhropov", "angshu"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 341  
CppName: "FI\_QUERY\_DOWNER\_ONLY\_CLICK\_RATE"  
Name: "QueryDownerOnlyClickRate"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "o/i"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"  
Authors: ["cliff", "akhropov", "angshu"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 342  
CppName: "FI\_QUERY\_DOWNER\_CLICK\_SUMMARY"  
Name: "QueryDownerClickSummary"  
Ticket: "BUKI-955"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "matched formula"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"  
Authors: ["akhropov", "angshu", "cliff", "popescul"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 343  
CppName: "FI\_QUERY\_DOWNER\_SATISFIED4\_RATE"  
Name: "QueryDownerSatisfied4Rate"  
Ticket: "BUKI-955"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: " $r_{s4b}/(r_k + 10)$ "  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"  
Authors: ["akhropov", "angshu", "cliff", "popescul"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 344

```
CppName: "FI_SYNT_QUALITY"
Name: "SynthQuality"
Wiki: "http://wiki.yandex-team.ru/PoiskovajaPlatforma/Lingvistika/SyntaxInQueries/SyntFactors/IsSynt"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Does the request have full parsing"
Authors: "zador"
Responsibles: "zador"
}
Factor {
Index: 345
CppName: "FI_PAGE_DATE"
Name: "PageDate"
Group: "Datetime"
Tags: [TG_DATE, TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The date of the document that is written on the page is remapped by the square root"
Responsibles: "alsafr"
}
Factor {
Index: 346
CppName: "FI_VISITS_P_VISITORS"
Name: "VisitsPVisitors"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_COMMERCIAL, TG_NN_OVER_FEATURES_USE]
Description: "Remapped mascot feature VisitsPVisitors"
Ticket: "SEARCHSPAM-15531"
Authors: ["bikulov"]
Responsibles: ["bikulov", "sdormidontov"]
ImplementationTime: "2020-09-30"
}
Factor {
Index: 347
CppName: "FI_RINGS_HOST_RANK_BADNESS_2"
Name: "RingsHostRankBadness2"
Tags: [TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_BINARY, TG_DEPRECATED]
Description: "Additional factors about the promotion of the site by link rings
Authors: ["denplusplus", "raigorodsky"]
Responsibles: ["raigorodsky", "alsafr"]
}
Factor {
Index: 348
CppName: "FI_RINGS_HOST_RANK_BADNESS_3"
Name: "RingsHostRankBadness3"
Tags: [TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_DEPRECATED]
Description: "Additional factors about the promotion of the site by link rings
Authors: ["denplusplus", "raigorodsky"]
Responsibles: ["raigorodsky", "alsafr"]
}
Factor {
Index: 349
CppName: "FI_RINGS_HOST_RANK_BADNESS_4"
Name: "RingsHostRankBadness4"
Tags: [TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_BINARY, TG_DEPRECATED]
Description: "Additional factors about the promotion of the site by link rings
Authors: ["denplusplus", "raigorodsky"]
Responsibles: ["raigorodsky", "alsafr"]
}
Factor {
```

Index: 350

CppName: "FI\_HAS\_TEXT\_POS"

Name: "HasTextPos"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/HasTextPos>"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_BINARY, TG\_REARR\_USE, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Document has text relevance"

Authors: "denplusplus"

Responsibles: ["alsifr", "stash93"]

}

Factor {

Index: 351

CppName: "FI\_QSEGMENTS\_BM25"

Name: "QSegmentsBM25"

Group: "QSegments"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]

Description: "BM25 where 'words' are selected query segments"

Responsibles: "alsifr"

}

Factor {

Index: 352

CppName: "FI\_QSEGMENTS\_WEIGHT"

Name: "QSegmentsWeight"

Group: "QSegments"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]

Description: "'Weight' of query segments in text"

Responsibles: "alsifr"

}

Factor {

Index: 353

CppName: "FI\_SYN\_BAD\_WORD\_PAIRS"

Name: "SynPercentBadWordPairs"

Wiki: "[http://wiki.yandex-](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=186j#h58953-3)

[team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=186j#h58953-3](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=186j#h58953-3)"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Indicator of the unnaturalness of the text from the point of view of the Russian language. The number of bad pairs of words in the text, renormalized to the interval [0,1] according to the formula  $z/(z+10)$ "

Responsibles: "alsifr"

}

Factor {

Index: 354

CppName: "FI\_SYN\_NUM\_BAD\_WORD\_PAIRS"

Name: "SynNumBadWordPairs"

Wiki: "[\[team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=186j#h58953-3\]\(http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/antispam?v=186j#h58953-3\)"](http://wiki.yandex-</a></p></div><div data-bbox=)

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2,

TG\_NN\_OVER\_FEATURES\_USE]

Description: "Proportion of bad pairs among all those found in the table:  $z/(x+1)$ , where  $z$  is the number of bad pairs in the text, and  $x$  is the number (<http://wiki.yandex-team.ru/EvgenijjGrechnikov/TestSynonimizers2000-relevant>) couples"

Responsibles: "alsifr"

}

Factor {

Index: 355

CppName: "FI\_NUM\_LATIN\_LETTERS"

Name: "NumLatinLetters"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "the number of Latin letters in the text (not counting the markup), driven into [0,1] by the formula  $n/(n+100)$ "

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Authors: "grechnik"
Responsibles: "greek"
}
Factor {
Index: 356
CppName: "FI_RINGS_HOST_RANK_BADNESS_1"
Name: "RingsHostRankBadness1"
Tags: [TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_DEPRECATED]
Description: "Additional factors about the promotion of the site by link rings
Authors: ["denplusplus", "raigorodsky"]
Responsibles: ["raigorodsky", "alsafir"]
}
Factor {
Index: 357
CppName: "FI_DOC_TFIDF_SUM_FIXED"
Name: "DocIdfSumFixed"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Previous Factors - Corrected"
Responsibles: "alsafir"
}
Factor {
Index: 358
CppName: "FI_TITLE_IDF_SUM_FIXED"
Name: "TitleIdfSumFixed"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Previous Factors - Corrected"
Responsibles: "alsafir"
}
Factor {
Index: 359
CppName: "FI_HEADING_IDF_SUM_FIXED"
Name: "HeadingIdfSumFixed"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Previous Factors - Corrected"
Responsibles: "alsafir"
}
Factor {
Index: 360
CppName: "FI_NORMAL_TEXT_IDF_SUM_FIXED"
Name: "NormalTextIdfSumFixed"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Previous Factors - Corrected"
Responsibles: "alsafir"
}
Factor {
Index: 361
CppName: "FI_QUERY_URL_CLICKS_COMBO"
Name: "QueryURLClicksCombo"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICKS_SHOWS,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "factor cleverly combined from FRC and pseudo-CTR"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurlownerclickspctrfrccomboreg"
Authors: ["lidia", "akhropov"]
Responsibles: ["tarum", "niknik"]

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}
Factor {
Index: 362
CppName: "FI_QUERY_DOWNER_CLICKS_COMBO"
Name: "QueryDownerClicksCombo"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_USER_SEARCH_EXTERNAL, TG_OFTEN_ZERO, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D,
TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "factor cleverly combined from FRC and pseudo-CTR"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Clicks#queryurldownerclickspctrfrccomboreg"
Authors: ["lidia", "akhropov"]
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 363
CppName: "FI_LR_AMORTIZED_BY_AGE"
Name: "LRAmortizedByAge"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Link relevancy with pessimization for a long link age"
Authors: "dremov"
Responsibles: "dremov"
}
Factor {
Index: 364
CppName: "FI_WORDS_IN_TEXT"
Name: "RusWordsInText"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The number of words in the text (Word - what the lemmer highlighted) is displayed in [0,1] by the
formula  $x/(x+A)$ "
Authors: "grechnik"
Responsibles: "greek"
}
Factor {
Index: 365
CppName: "FI_WORDS_IN_TITLE"
Name: "RusWordsInTitle"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Number of Russian words in title"
Responsibles: "alsafr"
}
Factor {
Index: 366
CppName: "FI_MEAN_WORD_LENGTH"
Name: "MeanWordLength"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Average word length"
Responsibles: "alsafr"
}
Factor {
Index: 367
CppName: "FI_PERCENT_WORDS_IN_LINKS"
Name: "PercentWordsInLinks"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "The percentage of the number of words inside the tag .. of the number of all words"

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Responsibles: "alsafir"
}
Factor {
Index: 368
CppName: "FI_PERCENT_VISIBLE_CONTENT"
Name: "PercentVisibleContent"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The percentage of the number of words outside the tags (outside the brackets <>) of the number of all words"
Responsibles: "alsafir"
}
Factor {
Index: 369
CppName: "FI_PERCENT_FREQ_WORDS"
Name: "PercentFreqWords"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Percentage of the number of words that are the 200 most frequent words of the language, out of the total number of words in the text"
Responsibles: "alsafir"
}
Factor {
Index: 370
CppName: "FI_PERCENT_USED_FREQ_WORDS"
Name: "PercentUsedFreqWords"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The number of the 500 most popular words of the language used in the text, divided by 500"
Responsibles: "alsafir"
}
Factor {
Index: 371
CppName: "FI_TRIGRAMS_PROB"
Name: "TrigramsProb"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Logarithm of the geometric mean of the probabilities of trigrams in the text. (the probability of a trigram is the number of its occurrences in the text divided by the number of all trigrams) , displayed in [0,1] using the formula -x(x+A)"
Responsibles: "alsafir"
}
Factor {
Index: 372
CppName: "FI_TRIGRAMS_COND_PROB"
Name: "TrigramsCondProb"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Logarithm of the geometric mean of the conditional probabilities of trigrams. The conditional probability of a trigram is its probability divided by the probability of a bigram from the first two words"
Responsibles: "alsafir"
}
Factor {
Index: 373
CppName: "FI_DOPP_DOWNER_PCTR"
Name: "DoppDownerPCTR"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_DOPP, TG_USER_SEARCH_EXTERNAL, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV

```



Description: "An analogue of the QueryDOwnerClicksPCTR factor, differs from it in that queries are normalized by doppelgangers (details of such normalization can be found at (<http://staff.yandex-team.ru/finder> by Andrey Plakhov)), code -ysite/yandex/doppelgangers )"

Authors: "finder"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 374

CppName: "FI\_DOPP\_DOWNER\_PCTR\_REG"

Name: "DoppDOwnerPCTR\_Reg"

Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_DOPP, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "An analogue of the QueryDOwnerClicksPCTR factor, differs from it in that queries are normalized by doppelgangers (details of such normalization can be found at (<http://staff.yandex-team.ru/finder> by Andrey Plakhov)), code -ysite/yandex/doppelgangers ).localized to relev\_regions.web.txt"

Authors: "finder"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 375

CppName: "FI\_DOPP\_URL\_PCTR"

Name: "DoppUrIPCTR"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_DOPP, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Countries: CNT\_RELEV

Description: "An analogue of the QueryUrlClicksPCTR factor, differs from it in that requests are normalized by doppelgangers (details of such normalization can be found at (<http://staff.yandex-team.ru/finder> by Andrey Plakhov)), code - ysite/yandex/doppelgangers )"

Authors: "finder"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 376

CppName: "FI\_DOPP\_URL\_PCTR\_REG"

Name: "DoppUrIPCTR\_Reg"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_DOPP, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "An analogue of the QueryUrlClicksPCTR factor, differs from it in that requests are normalized by doppelgangers (details of such normalization can be found at (<http://staff.yandex-team.ru/finder> by Andrey Plakhov)), code - ysite/yandex/doppelgangers ).localized to relev\_regions.web.txt"

Authors: "finder"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 377

CppName: "FI\_URL\_BM25"

Name: "UrIBM25"

AntiSeoUpperBound: 1.0

Wiki: "<http://wiki.yandex-team.ru/YandexLabsDev/MLRFeatureResearch/URLMatch>"

Group: "UrIBM25"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_URL\_TEXT, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "BM25 by URL"

Authors: "denplusplus"

Responsibles: "alsifr"

```

}
Factor {
Index: 378
CppName: "FI_HAS_BIG_PICTURE"
Name: "HasBigPicture"
Tags: [TG_DOC, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "There is a big picture on the page"
Responsibles: "alsafr"
}
Factor {
Index: 379
CppName: "FI_MATRIXNET"
Name: "MatrixNet"
Tags: [TG_DOC, TG_DYNAMIC, TG_TRANS, TG_NOT_01, TG_REARR_USE, TG_UNUSED, TG_L3_MODEL_VALUE]
Description: "All factors apply MatrixNet formula (TG_UNUSED - to prevent them from appearing in any formulas)"
Responsibles: "alsafr"
MinValue: -3e+38
MaxValue: 3e+38
}
Factor {
Index: 380
CppName: "FI_DATER_AGE"
Name: "Date Age"
Group: "Datetime"
Tags: [TG_DATE, TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "The difference between the current date and the date of the document determined by the dater, 1 - the
date of the document is equal to the current one, 0 - the document is 10 years old or more, If the date is not defined,
it is 0. Attention! ((1 - DaterAge) * 60) ^2 = page age in days."
Authors: "velavokr"
Responsibles: "velavokr"
}
Factor {
Index: 381
CppName: "FI_HARD_PESSIMIZATION"
Name: "IsHard Pessimization"
Tags: [TG_DOC, TG_STATIC, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "hard pessimization (aka PR=0), binary factor, counted in antispan"
Authors: "zudina"
Responsibles: "zudina"
}
Factor {
Index: 382
CppName: "FI_C_IN_DEGREE_1"
Name: "CInDegree1"
Tags: [TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_DEPRECATED, TG_UNDOCUMENTED]
Description: "Host factors determine sites wound with links - the second and third incoming degrees )"
Authors: "vakoshelev"
Responsibles: "vakoshelev"
}
Factor {
Index: 383
CppName: "FI_C_IN_DEGREE_2"
Name: "CInDegree2"
Tags: [TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_DEPRECATED, TG_UNDOCUMENTED]
Description: "Host factors determine sites wound with links - the second and third incoming degrees )"
Authors: "vakoshelev"
}

```

```

Responsibles: "vakoshelev"
}
Factor {
Index: 384
CppName: "FI_NUM_NON_RUSSIAN_LINKS"
Name: "NumNonRussianLinks"
Tags: [TG_DOC, TG_LINK_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Number of incoming links without Russian letters. Remapping."
Responsibles: "alsafr"
}
Factor {
Index: 385
CppName: "FI_TEXT_MAX_FORMS"
Name: "TextMaxForms"
Group: "Text Forms"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Maximum number of forms over all query words - max over all query words
number_of_forms_for_word/64"
Responsibles: "alsafr"
}
Factor {
Index: 386
CppName: "FI_TEXT_WEIGHTED_FORMS"
Name: "TextWeighted Forms"
Group: "Text Forms"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Word weighted sum of number of shapes - sum over all query words of
number_of_forms_for_word/64*word_weight; remap of the form x/(1 + x)."
Responsibles: "alsafr"
}
Factor {
Index: 387
CppName: "FI_TEXT_FORMS"
Name: "Text Forms"
Group: "Text Forms"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Unweighted sum of number of forms - sum over all query words of
number_of_forms_for_word/64/number_of_query_words"
Responsibles: "alsafr"
}
Factor {
Index: 388
CppName: "FI_LINK_MAX_FORMS"
Name: "LinkMaxForms"
Group: "Link Forms"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "Maximum number of forms across all query words"
Responsibles: "alsafr"
}
Factor {
Index: 389
CppName: "FI_LINK_WEIGHTED_FORMS"
Name: "LinkWeightedForms"
Group: "Link Forms"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_UNUSED]
Description: "Word-weighted sum of the number of forms"

```

```

Responsibles: "alsafir"
}
Factor {
Index: 390
CppName: "FI_LINK_FORMS"
Name: "Link Forms"
Group: "Link Forms"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "Unweighted sum of number of shapes"
Responsibles: "alsafir"
}
Factor {
Index: 391
CppName: "FI_TEXT_RELEV_WEIGHTED_1"
Name: "TR_W1"
Group: "LegacyTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Analogues of the factors of the same name, word weight = 1"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 392
CppName: "FI_LINK_RELEV_WEIGHTED_1"
Name: "XLR_W1"
Group: ["Xref", "Dynamic"]
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Analogues of the factors of the same name, word weight = 1"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 393
CppName: "FI_TEXT_BM25_FM_WEIGHTED_1"
Name: "TextBM25_Fm_W1"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Analogues of the factors of the same name, word weight = 1"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 394
CppName: "FI_TEXT_BM25_SYN_WEIGHTED_1"
Name: "TextBM25_Sy_W1"
Group: "TextBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Analogues of the factors of the same name, word weight = 1"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 395
CppName: "FI_LINK_BM25_WEIGHTED_1"
Name: "LinkBM25_W1"
Group: "LinkBM25"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]

```

```
Description: "Analogues of the factors of the same name, word weight = 1"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 396
CppName: "FI_TLBM25_WEIGHTED_1"
Name: "TLBM25_W1"
Group: "TextAndLinkBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_LINK_TEXT, TG_DEPRECATED]
Description: "Analogues of the factors of the same name, word weight = 1"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 397
CppName: "FI_QSEGMENTS_BREAKS"
Name: "QSegmentsBreaks"
Group: "QSegments"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_NN_OVER_FEATURES_USE]
Description: "Query segments are parts of the query that are themselves frequent queries. The factor shows how
segments beat in the text. value 0 - all words occur only within the indicated segments, 1 - all occurrences break the
segments"
Authors: "solar"
Responsibles: "solar"
}
Factor {
Index: 398
CppName: "FI_ALICE_MUSIC_TRACK_LYRICS_CMMATCH_TOP5_AVG_MATCH"
Name: "AliceMusicTrackLyricsCMMatchTop5AvgMatch"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "CMMatchTop5AvgMatch factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 399
CppName: "FI_NUMERALS_PORTION"
Name: "NumeralsPortion"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Percentage of different parts of speech in the text. proportion of numerals (among all words for which it
was possible to recognize the part of speech)"
Authors: "grechnik"
Responsibles: "greek"
}
Factor {
Index: 400
CppName: "FI_PARTICLES_PORTION"
Name: "ParticlesPortion"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "share particles"
Responsibles: "alsafir"
}
Factor {
```

Index: 401

CppName: "FI\_ADJ\_PRONOUNS\_PORTION"

Name: "AdjPronounsPortion"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "share of pronominal adjectives"

Responsibles: "alsafr"

}

Factor {

Index: 402

CppName: "FI\_ADV\_PRONOUNS\_PORTION"

Name: "AdvPronounsPortion"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "share of pronominal nouns"

Responsibles: "alsafr"

}

Factor {

Index: 403

CppName: "FI\_VERBS\_PORTION"

Name: "VerbsPortion"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "share of verbs"

Responsibles: "alsafr"

}

Factor {

Index: 404

CppName: "FI\_FEM\_MAS\_NOUNS\_PORTION"

Name: "FemAndMasNounsPortion"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "the proportion of words that can be both masculine and feminine nouns, but not neuter, among all nouns (examples: 'hummingbird' is an example of an indefinite gender that can be defined in two ways, 'Alexandra' is a homonymy)."

Responsibles: "alsafr"

}

Factor {

Index: 405

CppName: "FI\_LINK\_QUALITY\_FIXED"

Name: "LinkQualityFixed"

Tags: [TG\_DOC, TG\_LINK\_GRAPH, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_UNUSED]

Description: "Quality of incoming links (Leschiner classifier) corrected"

Authors: "somov"

Responsibles: "somov"

}

Factor {

Index: 406

CppName: "FI\_HAS\_LINK\_QUALITY\_FIXED"

Name: "HasLinkQualityFixed"

Tags: [TG\_DOC, TG\_LINK\_GRAPH, TG\_STATIC, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_LINK\_TEXT, TG\_DEPRECATED]

Description: "Whether LinkQuality was counted for this page or not (didn't count if there are few links) fixed"

Authors: "somov"

Responsibles: "somov"

}

Factor {

Index: 407

CppName: "FI\_NEW\_LINK\_QUALITY\_FIXED"

Name: "NewLinkQualityFixed"

Tags: [TG\_DOC, TG\_LINK\_GRAPH, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_UNUSED]

Description: "Inbound link quality classifier 2 fixed"

```

Authors: "somov"
Responsibles: "somov"
}
Factor {
Index: 408
CppName: "FI_QUERY_ISORG"
Name: "IsOrg"
DependsOn: [{"Feature": ["IsOrg"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "In the request, the name of the organization (example: Gazprom, Gazprom) ((http://wiki.yandex-team.ru/ArsenGadzhikurbanov/Wares Description))"
Authors: "arseny"
Responsibles: "arseny"
}
Factor {
Index: 409
CppName: "FI_ALICE_MUSIC_ARTIST_NAME_CM_MATCH_TOP5_AVG_MATCH_VALUE"
Name: "AliceMusicArtistNameCMMatchTop5AvgMatchValue"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "CMMatchTop5AvgMatchValue factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 410
CppName: "FI_LONGEST_TEXT"
Name: "LongestText"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_REARR_USE, TG_L2, TG_NN_OVER_FEATURES_USE]
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/LongText"
Description: "Size of the largest text segment on the page (from factor [18] PureText)"
Authors: "denplusplus"
Responsibles: ["tsimkha", "alsifr"]
}
Factor {
Index: 411
CppName: "FI_SMART_UKR"
Name: "SmartUkrainian"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_URL_TEXT, TG_BINARY, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsifr"
}
Factor {
Index: 412
CppName: "FI_SMART_BY"
Name: "SmartBelorussian"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_URL_TEXT, TG_BINARY, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsifr"
}

```

```

Factor {
Index: 413
CppName: "FI_LR_WITHOUT_RARE"
Name: "LRWithoutRare"
Group: "LegacyLR"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_DEPRECATED]
Description: "link relevance excluding rare words"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 414
CppName: "FI_DIFFERENT_INTERNAL_LINKS"
Name: "DifferentInternalLinks"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Number of different internal links per page"
Authors: "somov"
Responsibles: "somov"
}
Factor {
Index: 415
CppName: "FI_HAS_DETERMINED_CITIES"
Name: "HasDeterminedCities"
Tags: [TG_DOC, TG_STATIC, TG_STATIC_REGINFO, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_L3_OVERWRITE,
TG_NN_OVER_FEATURES_USE]
Description: "A city is defined for the site"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 416
CppName: "FI_REGIONAL_U_QUERY_NEW"
Name: "GeoRegionalityUNew"
DependsOn: [{Feature: ["GeoRegionalityUNew"], Slice: "begemot_query_factors"}]
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_THEME_CLASSIF, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Group: "Query"
Description: "Request factors - the result of the work ((http://wiki.yandex-
team.ru/PoiskovajaPlatforma/Lingvistika/ZaprosnyjeFactory/LocalizovannyjeZaprosy of the request geolocalization
classifier)) - a new version of factors [328]-[330]: U - geobeneuseful - regional issuance on demand is meaningless;"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 417
CppName: "FI_REGIONAL_R_QUERY_NEW"
Name: "GeoRegionalityRNew"
DependsOn: [{Feature: ["GeoRegionalityRNew"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_THEME_CLASSIF, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Request factors - the result of the work ((http://wiki.yandex-
team.ru/PoiskovajaPlatforma/Lingvistika/ZaprosnyjeFactory/LocalizovannyjeZaprosy of the request geolocalization
classifier)) - new version of factors [328]-[330]: R - georelevant - regional results in the SERP could be useful, but
nothing more;"
Authors: "esoloviev"
Responsibles: "esoloviev"
}

```



```

Factor {
Index: 418
CppName: "FI_REGIONAL_V_QUERY_NEW"
Name: "GeoRegionalityVNew"
DependsOn: [{"Feature": ["GeoRegionalityVNew"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_THEME_CLASSIF, TG_REARR_USE, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Request factors - the result of the work ((http://wiki.yandex-
team.ru/PoiskovajaPlatforma/Lingvistika/ZaprosnyjeFactory/LocalizovannyjeZaprosy of the request geolocalization
classifier)) - a new version of factors [328]-[330]: V - geovital - regional issuance is of fundamental importance."
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 419
CppName: "FI_ALICE_MUSIC_ARTIST_NAME_PER_WORD_CM_MAX_PREDICTION_MIN"
Name: "AliceMusicArtistNamePerWordCMMaxPredictionMin"
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_ALICE_MUSIC, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_ALLOW_USE_FOR_ALICE]
Description: "PerWordCMaxPredictionMin factor value for AliceMusic stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Ticket: ["BUKI-2932"]
Authors: "anrodigina"
Responsibles: ["anrodigina", "gotmanov", "hommforever"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 420
CppName: "FI_PAGE_RANK_UKR"
Name: "UkrainePageRank"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_UNUSED]
Description: "Ukrainian Page rank"
Responsibles: "alsafir"
}
Factor {
Index: 421
CppName: "FI_QCLASS_DOWNLOAD"
Name: "QClassDownload"
DependsOn: [{"Feature": ["QClassDownload"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
Description: "=1 - incl. Download formula. Class requests: download/watch online/play/photo/listen"
Authors: "asannikova"
Responsibles: "alsafir"
}
Factor {
Index: 422
CppName: "FI_QCLASS_BRANDNAMES"
Name: "QClassBrandnames"
DependsOn: [{"Feature": ["QClassBrandnames"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
Description: "The result of the query classifier is that the query contains words from the corresponding dictionary.
brand"
Authors: "agorodilov"
}

```

```
Responsibles: "agorodilov"
}
Factor {
Index: 423
CppName: "FI_QCLASS_DISEASE"
Name: "QClassDisease"
DependsOn: [{"Feature": ["QClassDisease"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
Description: "medical dictionary"
Authors: "agorodilov"
Responsibles: "agorodilov"
}
Factor {
Index: 424
CppName: "FI_QCLASS_KAK"
Name: "QClass"
DependsOn: [{"Feature": ["QClassKak"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
Description: "question"
Authors: "agorodilov"
Responsibles: "agorodilov"
}
Factor {
Index: 425
CppName: "FI_QCLASS_MOSCOW"
Name: "QClassMoscow"
DependsOn: [{"Feature": ["QClassMoscow"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
Description: "query specific to Moscow"
Authors: "agorodilov"
Responsibles: "agorodilov"
}
Factor {
Index: 426
CppName: "FI_QCLASS_OAO"
Name: "QClassOAO"
DependsOn: [{"Feature": ["QClassOAO"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
Description: "organization"
Authors: "agorodilov"
Responsibles: "agorodilov"
}
Factor {
Index: 427
CppName: "FI_QCLASS_PORNO"
Name: "QClassPorno"
DependsOn: [{"Feature": ["QClassPorno"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
```

```
Description: "porn"
Authors: "agorodilov"
Responsibles: "agorodilov"
}
Factor {
Index: 428
CppName: "FI_QCLASS_TRAVEL"
Name: "QClassTravel"
DependsOn: [{"Feature": ["QClassTravel"], "Slice": "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED,
TG_L2, TG_DEPRECATED]
Description: "travel"
Authors: "agorodilov"
Responsibles: "agorodilov"
}
Factor {
Index: 429
CppName: "FI_VIDEO_RATING"
Name: "video rating"
Ticket: "VIDEPOISK-342"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/VideoRating"
Tags: [TG_DOC, TG_STATIC, TG_DEPRECATED, TG_OFTEN_ZERO]
Description: "The popularity of the video comes from the video"
Comment: "Outdated. Must be eliminated"
Authors: "bort"
Responsibles: "board"
}
Factor {
Index: 430
CppName: "FI_PERIODIC_LINK_DATES_PERCENT"
Name: "PeriodicLinkDatesPercent"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "The frequency of links to the site"
Authors: "dremov"
Responsibles: "dremov"
}
Factor {
Index: 431
CppName: "FI_LINK_ALMOST_PERIOD"
Name: "LinkAlmostPeriod"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "number of near-periodic links"
Authors: "dremov"
Responsibles: "dremov"
}
Factor {
Index: 432
CppName: "FI_QDOWNER_STAT_POWER"
Name: "QDownerStatPower"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_USER_SEARCH_EXTERNAL, TG_REARR_USE, TG_OFTEN_ZERO,
TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D,
TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "Number of owner impressions per request, normalized  $x/(100 + x)$ ."
Authors: "solar"
```

```
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 433
CppName: "FI_QURL_STAT_POWER"
Name: "QUrlStatPower"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_REARR_USE, TG_OFTEN_ZERO, TG_USER_SEARCH_EXTERNAL, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D,
TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "Number of url impressions per request, normalization  $x/(100 + x)$ ."
Authors: "solar"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 434
CppName: "FI_HAS_LIRU_CNT"
Name: "HasLiRuCounter"
Tags: [TG_DOC, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "LiveInternet counter available"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 435
CppName: "FI_OWNER_REQS_POPULARITY"
Name: "OwnerReqsPopularity"
Tags: [TG_STATIC, TG_OWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OwnerReqsPopularity"
Description: "Popularity of the owner in requests"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 436
CppName: "FI_DSSM_YA_MUSIC_ASR_EARLY_BINDING_CE"
Name: "DssmYaMusicASREarlyBindingCe"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_DOC_CONTENT,
TG_NEURAL, TG_UNUSED, TG_ALICE_MUSIC, TG_RTMODELS_SERVICE, TG_ALLOW_USE_FOR_ALICE]
Description: "Early binding DSSM model trained on reformulations and further trained on the ASR hypothesis of
musical requests to Alice"
Ticket: "BUKI-2960"
Authors: ["islobodskov", "anrodigina"]
Responsibles: ["islobodskov", "anrodigina"]
}
Factor {
Index: 437
CppName: "FI_DSSM_BERT_DISTILL_SINSIG_CE_COUNTRY_REG_CHAIN"
Name: "DssmBertDistillSinsigCeCountryRegChain"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_USE_MARKUP, TG_ALL_RELEVANCE_MARKUP, TG_SIN_SIG_MARKUP, TG_BERT_DISTILL, TG_UNIMPLEMENTED,
TG_DEPRECATED]
Description: "Model trained on a pool of PRS log on Bert prediction, trained on sinsig_ce with a threshold of 0.5, using
a chain of regions to a country"
UseArtifact: {Name: "DssmBertDistillSinsigCeCountryRegChain"}
Ticket: "FACTOR-2287"
Authors: ["ivaninap", "rmlstiltskin"]
```

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Responsibles: ["ivaninap", "rmpIstiltskin"]
}
Factor {
Index: 438
CppName: "FI_DSSM_YA_MUSIC_EARLY_BINDING_CE"
Name: "DssmYaMusicEarlyBindingCe"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_DOC_CONTENT,
TG_NEURAL, TG_UNDOCUMENTED, TG_UNUSED, TG_ALICE_MUSIC, TG_RTMODELS_SERVICE,
TG_ALLOW_USE_FOR_ALICE]
Description: "An early-binding DSSM model trained on reformulations and retrained on musical requests to Alice"
Ticket: "BUKI-2950"
Authors: "islobodskov"
Responsibles: "islobodskov"
ImplementationTime: "2020-03-17"
}
Factor {
Index: 439
CppName: "FI_SECOND_INDEG_DISTR_XI"
Name: "SecondIndegDistrXi"
Tags: [TG_LINK_GRAPH, TG_OWNER, TG_STATIC, TG_DEPRECATED, TG_UNDOCUMENTED]
Description: "Eleven factors based on the statistical properties of the distributions of incoming vertex degrees
referring to a fixed vertex of the hostgraph."
Authors: "filimonov"
Responsibles: "alsifr"
}
Factor {
Index: 440
CppName: "FI_PIRACY_DETECTOR_PREDICT"
Name: "PiracyDetectorPredict"
Ticket: "COMMERCIAL-4"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_NOT_01, TG_UNUSED]
Description: "The value of the piracy detector calculated in the behemoth."
MinValue: -10
MaxValue: 10
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
ImplementationTime: "2020-08-17"
}
Factor {
Index: 441
CppName: "FI_ALICE_MUSIC_URL_TYPE_IS_ALBUM"
Name: "AliceMusicUrlTypeIsAlbum"
Tags: [TG_DOC, TG_ALICE_MUSIC, TG_URL_TEXT, TG_BINARY, TG_NN_OVER_FEATURES_USE]
Description: "Yandex music canonized url type - album"
Ticket: "BUKI-2932"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2020-03-11"
}
Factor {
Index: 442
CppName: "FI_FIRST_VALID_TS_10DAYS"
Name: "FirstValidTs10Days"
Group: "Datetime"
Ticket: "WEBFRESH-695"
Tags: [TG_DATE, TG_DOC, TG_STATIC, TG_FRESHNESS_USE, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Counted as (10-x) where x is the document's return in days (continuously) relative to the document's
validity time in the samovar"

```

```
Authors: "alejes"
Responsibles: "alejes"
ImplementationTime: "2020-09-27"
}
Factor {
Index: 443
CppName: "FI_HOST_IN_QUERY"
Name: "HostInQuery"
Tags: [TG_DYNAMIC, TG_HOST, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "Document host recognized in request"
Ticket: "WEBFRESH-623"
Authors: "alejes"
Responsibles: "alejes"
ImplementationTime: "2020-04-18"
}
Factor {
Index: 444
CppName: "FI_VITAL_HOST_IN_QUERY"
Name: "VitalHostInQuery"
Tags: [TG_DYNAMIC, TG_DOC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "The URL only consists of a host that is recognized in the request"
Ticket: "WEBFRESH-623"
Authors: "alejes"
Responsibles: "alejes"
ImplementationTime: "2020-04-18"
}
Factor {
Index: 445
CppName: "FI_YANDEX_NEWS_STORY_URL"
Name: "YandexNewsStoryUrl"
Tags: [TG_DYNAMIC, TG_DOC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "URL is a Yandex news story"
Ticket: "WEBFRESH-685"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
ImplementationTime: "2020-08-28"
}
Factor {
Index: 446
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D1T240"
Name: "RcSpylogUrlRationalSigmoidD1T240"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED, TG_UNIMPLEMENTED, TG_UNUSED]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 1 day"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 447
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D1T240_FROZEN"
Name: "RcSpylogUrlRationalSigmoidD1T240Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED, TG_SPYLOG_RAPID_CLICKS_BIGRT, TG_NN_OVER_FEATURES_USE]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 1 day"
Ticket: "USERFEAT-1493"
```

```
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
ImplementationTime: "2020-09-01"
}
Factor {
Index: 448
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D0_5T30"
Name: "RcSpylogUrlRationalSigmoidD0_5T30"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 0.5 days"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 449
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D0_5T30_FROZEN"
Name: "RcSpylogUrlRationalSigmoidD0_5T30Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_SPYLOG_RAPID_CLICKS_BIGRT, TG_NN_OVER_FEATURES_USE]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 0.5 day"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
ImplementationTime: "2020-09-01"
}
Factor {
Index: 450
CppName: "FI_TIMESTAMP"
Name: "Timestamp"
Group: "Datetime"
Tags: [TG_DATE, TG_DOC, TG_STATIC, TG_REARR_USE, TG_FRESHNESS_USE, TG_UNUSED]
Description: "Counted as  $(80 - x) / 80$ , where x is the age of the document in hours. The factors only make sense for
the speedbot base (last 80 hours). Not used in ranking. Used in reranking."
Authors: "melton"
Responsibles: ["melton", "alsafr"]
}
Factor {
Index: 451
CppName: "FI_ADD_TIME_FULL"
Name: "AddTimeFull"
Group: "Datetime"
Tags: [TG_DATE, TG_DOC, TG_STATIC, TG_REARR_USE, TG_FRESHNESS_USE, TG_UNUSED]
Description: "Counted as  $(80 - x) / 80$ , where x is the age of the document in hours. The factors only make sense for
the speedbot base (last 80 hours). Not used in ranking. Used in reranking."
Authors: "melton"
Responsibles: ["melton", "alsafr"]
}
Factor {
Index: 452
CppName: "FI_SWBM25"
Name: "Swbm25"
Wiki: "http://wiki.yandex-team.ru/SWBM25"
Group: "SWBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_DEPRECATED]
```

Description: "Cunning BM25 in a sliding window. The size of the window is set in sentences. Wildcards are used for headings and the beginning of the document. Morphological proximity and text structure are taken into account. The weight of the window fades away from the beginning of the document."

Authors: "alsifr"

Responsibles: "alsifr"

}

Factor {

Index: 453

CppName: "FI\_PLM"

Name: "PositionLanguageModel"

Ticket: "COMBPROLAB-51"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/PositionLanguageModel"

Group: "PositionLanguageModel"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_REARR\_USE, TG\_DEPRECATED]

Description: "A factor about how good a snippet can be."

Responsibles: "alsifr"

}

Factor {

Index: 454

CppName: "FI\_TEXT\_PAIR\_W1"

Name: "TxtPair\_W1"

Group: "TextBM25"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Simple BM25 by word pairs - we take all pairs of words in the query and count the number of their occurrences in the document text. Weight = 1. Comm Does not work if the query contains a stop word"

Authors: "gulin"

Responsibles: "gulin"

}

Factor {

Index: 455

CppName: "FI\_AURA\_DOC\_LOG\_SHARED"

Name: "AuraDocLogShared"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_DEPRECATED]

Description: "Logarithm of the number of shingles where this document is not unique"

Authors: "antonovk"

Responsibles: ["antonovk", "smax"]

}

Factor {

Index: 456

CppName: "FI\_AURA\_DOC\_LOG\_AUTHOR"

Name: "AuraDocLogAuthor"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_DEPRECATED]

Description: "Logarithm of the number of shingles on which a given document owner is recognized as the author"

Authors: "antonovk"

Responsibles: ["antonovk", "smax"]

}

Factor {

Index: 457

CppName: "FI\_AURA\_DOC\_MEAN\_SHARED\_WEIGHT"

Name: "AuraDocMeanSharedWeight"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_DEPRECATED]

Description: "Average weight of non-unique shingles in this document"

Authors: "antonovk"

Responsibles: ["antonovk", "smax"]



```
}
Factor {
Index: 458
CppName: "FI_MARKET_QUALITY_RATING"
Name: "MarketQualityRating"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_COMMERCIAL, TG_NN_OVER_FEATURES_USE]
Description: "Mascot feature MarketQualityRating"
Ticket: "SEARCHSPAM-15531"
Authors: ["bikulov"]
Responsibles: ["bikulov", "sdormidontov"]
ImplementationTime: "2020-09-30"
}
Factor {
Index: 459
CppName: "FI_MEDICAL2_HOST_QUALITY"
Name: "Medical2HostQuality"
Ticket: "SENS-87"
Authors: ["anrodigina"]
Responsibles: ["anrodigina", "hommforever"]
Description: "Medical host quality for new marks."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_NOT_01]
MinValue: -1
MaxValue: 1
ImplementationTime: "2021-01-12"
}
Factor {
Index: 460
CppName: "FI_MEDICAL2_HOST_QUALITY_FRESH"
Name: "Medical2HostQualityFresh"
Ticket: "SENS-87"
Authors: ["anrodigina"]
Responsibles: ["anrodigina", "hommforever"]
Description: "Medical host quality for new marks for experiments."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_NOT_01]
MinValue: -1
MaxValue: 1
ImplementationTime: "2021-01-12"
}
Factor {
Index: 461
CppName: "FI_FIN_LAW_HOST_QUALITY"
Name: "FinLawHostQuality"
Ticket: "SENS-85"
Authors: ["anrodigina"]
Responsibles: ["anrodigina", "hommforever"]
Description: "Finance or law host quality for new marks."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_NOT_01, TG_USED_IN_CONF_REARR]
MinValue: -1
MaxValue: 1
ImplementationTime: "2021-01-12"
}
Factor {
Index: 462
CppName: "FI_FIN_LAW_HOST_QUALITY_FRESH"
Name: "FinLawHostQualityFresh"
Ticket: "SENS-85"
Authors: ["anrodigina"]
Responsibles: ["anrodigina", "hommforever"]
```

Description: "Finance or law host quality for new marks for experiments."  
Tags: [TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_NOT\_01]  
MinValue: -1  
MaxValue: 1  
ImplementationTime: "2021-01-12"  
}  
Factor {  
Index: 463  
CppName: "FI\_SOS\_HOST\_QUALITY"  
Name: "SosHostQuality"  
Ticket: "SENS-84"  
Authors: ["anrodigina"]  
Responsibles: ["anrodigina", "hommforever"]  
Description: "Finance or law host quality for new marks."  
Tags: [TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_UNIMPLEMENTED, TG\_NOT\_01]  
MinValue: -1  
MaxValue: 1  
ImplementationTime: "2021-01-12"  
}  
Factor {  
Index: 464  
CppName: "FI\_SOS\_HOST\_QUALITY\_FRESH"  
Name: "SosHostQualityFresh"  
Ticket: "SENS-84"  
Authors: ["anrodigina"]  
Responsibles: ["anrodigina", "hommforever"]  
Description: "Finance or law host quality for new marks for experiments."  
Tags: [TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_UNIMPLEMENTED, TG\_NOT\_01]  
MinValue: -1  
MaxValue: 1  
ImplementationTime: "2021-01-12"  
}  
Factor {  
Index: 465  
CppName: "FI\_CS\_DOCUMENTATION\_HOST"  
Name: "CsDocumentationHost"  
Ticket: "SEARCHPLAY-101"  
Authors: "alejes"  
Responsibles: "alejes"  
Description: "Factor for host in list of documentation cs hosts for experiments"  
Tags: [TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_UNIMPLEMENTED]  
}  
Factor {  
Index: 466  
CppName: "FI\_REMOVED\_466"  
Name: "Remved\_466"  
Tags: [TG\_REMOVED]  
}  
Factor {  
Index: 467  
CppName: "FI\_REG\_HOST\_RANK"  
Name: "RegHostRank"  
Group: "RegHostStatic"  
Tags: [TG\_LOCALIZED\_COUNTRY, TG\_LINK\_GRAPH, TG\_OWNER, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Description: "It is calculated in the same way as the HostRank factor, but not on the entire owner-graph, but on its subgraph, consisting of the owners of the given region. Belonging to the region is determined by the TLD, or by the

presence of pages in the index from the given owner' and, about which geo or geoa the classifier says that they are from this region. It is mapped in the same way as the HostRank factor, into a number from 0 to 1 with 256 gradations"

Authors: "yoda"

Responsibles: "alsafir"

}

Factor {

Index: 468

CppName: "FI\_REG\_IS\_WIKI"

Name: "RegIsWiki"

Group: "RegHostStatic"

Tags: [TG\_LOCALIZED\_COUNTRY, TG\_HOST, TG\_STATIC, TG\_WIKIPEDIA, TG\_UNDOCUMENTED, TG\_L2, TG\_REARR\_USE, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Document from the language section of wikipedia corresponding to the user's region"

Authors: "yoda"

Responsibles: "alsafir"

}

Factor {

Index: 469

CppName: "FI\_LANGUAGE\_COMPLIANCE"

Name: "Language Compliance"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Document language matches query language"

Authors: "ekrokhalev"

Responsibles: "lamo"

}

Factor {

Index: 470

CppName: "FI\_COUNTRY\_POPULAR\_Q"

Name: "CountryPopularQ"

DependsOn: [{"Feature": ["CountryPopularQ"], "Slice": "begemot\_query\_factors"}]

Group: "Query"

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]

Countries: CNT\_ALL

Description: "Query popularity within the country"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/PopularQ>"

Authors: "denplusplus"

Responsibles: ["diver", "akhropov"]

}

Factor {

Index: 471

CppName: "FI\_COUNTRY\_Q\_DIVERSITY"

Name: "CountryQDiversity"

DependsOn: [{"Feature": ["CountryQDiversity"], "Slice": "begemot\_query\_factors"}]

Group: "Query"

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_REARR\_USE, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]

Countries: CNT\_ALL

Description: "The degree of centralization of the points from which the request is made (within the country)"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QDiversity>"

Authors: "denplusplus"

Responsibles: ["diver", "akhropov"]

}

Factor {

Index: 472

CppName: "FI\_COUNTRY\_Q\_DIVERSITY2"

Name: "CountryQDiversity2"

```
DependsOn: [{Feature: ["CountryQDiversity2"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Countries: CNT_ALL
Description: "Geographic distribution of the request within the country"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/Diversity2"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 473
CppName: "FI_COUNTRY_HOUR"
Name: "CountryHour"
DependsOn: [{Feature: ["CountryHour"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Countries: CNT_ALL
Description: "The most frequent hour for this request"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HourDiversity"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 474
CppName: "FI_COUNTRY_HOUR_DIVERSITY"
Name: "CountryHourDiversity"
DependsOn: [{"CountryHourDiversity"}, {"begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Countries: CNT_ALL
Description: "Degree of expressiveness of setting requests at different times of the day (within the country)"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HourDiversity"
Authors: "denplusplus"
Responsibles: ["diver", "akhropov"]
}
Factor {
Index: 475
CppName: "FI_REMOVED_475"
Name: "Removed_475"
Tags: [TG_REMOVED]
}
Factor {
Index: 476
CppName: "FI_NATIONAL_DOMAIN"
Name: "NationalDomain"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_BINARY, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Document country (domain) and user country match ((http://wiki.yandex-
team.ru/Jandekspoisik/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#nationaldomain
more))"
Authors: "vvp"
Responsibles: "alsifr"
}
Factor {
Index: 477
```

```
CppName: "FI_IS_PORNO_ADVERT"
Name: "IsPornoAdvert"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_BINARY, TG_REARR_USE, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Porn ads on the page"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/IsPornoAdvert"
Authors: "shagarov"
Responsibles: "ashgarov"
}
Factor {
Index: 478
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D3T120"
Name: "RcSpylogUrlRationalSigmoidD3T120"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 479
CppName: "FI_COUNTRY_QUERY_REGIONALITY"
Name: "CountryQueryRegionality"
DependsOn: [{"Feature": "CountryQueryRegionality"}, {"Slice": "begemot_query_factors"}]
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Country localizability classifier - how far the query implies country context"
Authors: "shutovich"
Responsibles: "shutovich"
}
Factor {
Index: 480
CppName: "FI_NUM_SLASHES"
Name: "NumSlashes"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Number of slashes in url"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 481
CppName: "FI_BM25F_DPR_OBSOLETE"
Name: "BM25FdPR_obsolete"
Group: "BM25F"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNUSED, TG_L2]
Description: "BM25 with different parameters for different fields, including incoming anchor text. Text weights of
incoming links to the page are normalized depending on the delta page rank of the link"
Authors: ["grechnik", "kustarev"]
Responsibles: "greek"
}
Factor {
Index: 482
CppName: "FI_WATCH_VIDEO"
Name: "WatchVideo"
```

```

Tags: [TG_DOC, TG_STATIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "The presence of an embedded video player on the page"
Responsibles: "osenzen"
}
Factor {
Index: 483
CppName: "FI_DOWNLOAD_VIDEO"
Name: "DownloadVideo"
Tags: [TG_DOC, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Video for download"
Responsibles: "alsafr"
}
Factor {
Index: 484
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D3T120_FROZEN"
Name: "RcSpylogUrlRationalSigmoidD3T120Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_SPYLOG_RAPID_CLICKS_BIGRT, TG_NN_OVER_FEATURES_USE]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
ImplementationTime: "2020-09-01"
}
Factor {
Index: 485
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D14T300"
Name: "RcSpylogUrlRationalSigmoidD14T300"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 486
CppName: "FI_SUBRELEV"
Name: "SubRelevance"
Tags: [TG_DOC, TG_TRANS, TG_REARR_USE, TG_UNUSED, TG_OFTEN_ZERO]
Description: "A service factor that was needed for site search, and will be needed in the future."
Authors: "karpik"
Responsibles: "apos"
}
Factor {
Index: 487
CppName: "FI_GSK_URL_MODEL"
Name: "GskUrlModel"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/gsk"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The factor is calculated from the url text using the quality/seq/gsk sequence classifier"
Authors: "gulin"
Responsibles: "gulin"
}
Factor {

```

```
Index: 488
CppName: "FI_URL_TRIGRAMS"
Name: "UrlTrigrams"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoisika/factordev/web/factors/UrlTrigrams"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Model with training of each trigram on '+' and '-' urls. Doesn't depend on query."
Authors: ["botay", "denplusplus"]
Responsibles: "alsafr"
}
Factor {
Index: 489
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D14T300_FROZEN"
Name: "RcSpylogUrlRationalSigmoidD14T300Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_SPYLOG_RAPID_CLICKS_BIGRT, TG_NN_OVER_FEATURES_USE]
Description: "URL feature computed from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
ImplementationTime: "2020-09-01"
}
Factor {
Index: 490
CppName: "FI_RC_SPYLOG_AGE"
Name: "RcSpylogAge"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_NOT_01,
TG_UNDOCUMENTED, TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Age of rapid clicks spy_log update, in seconds"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
MinValue: 0
MaxValue: 2592000
}
Factor {
Index: 491
CppName: "FI_RC_SPYLOG_FRESHNESS"
Name: "RcSpylogFreshness"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Freshness of rapid clicks spy_log update"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 492
CppName: "FI_YMW_FULL"
Name: "YmwFull"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_DEPRECATED]
Description: "The size of the minimum piece of text that includes all query words found in the document. Not
currently used. ((http://wiki.yandex-
team.ru/Jandekspoisik/KachestvoPoisika/ObshayaFormula/TekushhieKomponenty/YMW more))"
Authors: "alsafr"
```

```
Responsibles: "alsifr"
}
Factor {
Index: 493
CppName: "FI_BCLM"
Name: "Bclm"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Buettcher, Clarke and Lushman name factor (modified) ((http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BCLm more))"
Authors: "alsifr"
Responsibles: "alsifr"
}
Factor {
Index: 494
CppName: "FI_QUERY_COMMERCIALITY_MX"
Name: "QueryCommercialityMx"
DependsOn: [{"Feature": ["QueryCommercialityMx"], "Slice": "begemot_query_factors"}]
Ticket: "SEARCHSPAM-2317"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/QueryCommercialityMx"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COMMERCIAL, TG_TRANS, TG_REARR_USE, TG_L2, TG_DEPRECATED]
Countries: [CNT_RU, CNT_TR]
Description: "A measure of the 'commerciality' of a request. It is a complexly calculated MatrixNet factor by a formula
according to the purchase dictionary in direct + according to user request logs + additional intent dictionaries.
Requests with the intent to buy the factor tends to ->1 product requests ->0.6 with the intent not to buy , reviews, etc.
-> 0 about him)"
Authors: ["anelyubin", "kvn"]
Responsibles: ["anelyubin", "kvn"]
DependsOn: [{"Feature": ["QueryNonCommerciality", "ProductCategoryQuery", "ProductCategoryVendor",
"IsNavQuery", "QClassDownload", "QClassBrandnames", "QClassDisease", "QClassKak", "QClassMoscow",
"QClassOAO", "QClassPorno", "QClassTravel", "CountryPopularQ"]}]]
}
Factor {
Index: 495
CppName: "FI_FIELD_LM"
Name: "FieldLM"
Group: "BM25F"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Unigram language model. The language model is modeled according to the document, smoothed by the
general language model. When building the model according to the document, information is used about in which
field of the document the query word was found (Title, head or plain text)"
Authors: "ylogachev"
Responsibles: "ylogachev"
}
Factor {
Index: 496
CppName: "FI_GEO_CITY_URL_REGION_CITY"
Name: "GeoCityUrlRegionCity"
Ticket: "BUKI-1125"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoCityUrl"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_URL_TEXT, TG_BINARY, TG_REARR_USE,
TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
```



Description: "Coincidence of the geography determined from the url of the document and the city of the request (ip or lr)"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 497  
CppName: "FI\_GEO\_CITY\_URL\_REGION\_REGION"  
Name: "GeoCityUrlRegionRegion"  
Ticket: "BUKI-1125"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoCityUrl"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_REGION, TG\_URL\_TEXT, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Coincidence of the geography determined from the document url and the request area (ip or lr)"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 498  
CppName: "FI\_GEO\_CITY\_URL\_REGION\_COUNTRY"  
Name: "GeoCityUrlRegionCountry"  
Ticket: "BUKI-1125"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoCityUrl"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_URL\_TEXT, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Coincidence of the geography determined from the url of the document and the country of the request (ip or lr). Relevant for Russia and Ukraine."  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 499  
CppName: "FI\_GEO\_CITY\_URL\_GEO\_CITY\_CITY"  
Name: "GeoCityUrlGeoCityCity"  
Ticket: "BUKI-1125"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoCityUrl"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_GEOINQUERY, TG\_URL\_TEXT, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Coincidence of the geography determined from the url of the document and the city in the request (GeoCity rule)"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 500  
CppName: "FI\_PAY\_APP\_DETECTOR\_PREDICT"  
Name: "PayAppDetectorPredict"  
Ticket: "COMMERCIAL-19"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_USER, TG\_L2, TG\_QUERY\_DETECTOR\_PREDICT, TG\_NOT\_01, TG\_UNUSED]  
Description: "The value of the forked commerce detector calculated in behemoth."  
MinValue: -10  
MaxValue: 10  
Authors: ["alejes", "hygge"]  
Responsibles: ["alejes", "hygge"]  
ImplementationTime: "2020-08-01"

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}
Factor {
Index: 501
CppName: "FI_TITLE_TRIGRAMS_Q"
Name: "TitleTrigramsQuery"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Calculates query coverage by letter trigrams of document header"
Authors: "akorsun"
Responsibles: "alsafr"
}
Factor {
Index: 502
CppName: "FI_TITLE_TRIGRAMS_T"
Name: "TitleTrigramsTitle"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Calculates the heading coverage by letter trigrams of the document heading"
Authors: "akorsun"
Responsibles: "alsafr"
}
Factor {
Index: 503
CppName: "FI_INLINKS_MODEL"
Name: "InlinkModel"
Ticket: "COMBPROLAB-69"
Group: ["Xref", "Dynamic"]
Tags: [TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_UNUSED]
Description: "A probabilistic model built on the texts of incoming links"
Authors: "grechnik"
Responsibles: "greek"
}
Factor {
Index: 504
CppName: "FI_QUERY_WORD_SEQUENCES_TR"
Name: "QueryWordSequencesSTR"
Group: "QueryWordSequencesTR"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Calculates the sum of occurrences of the following form: a sequence of query words longer than two occurring in one sentence; normalized to the length of the document."
Authors: "akorsun"
Responsibles: "alsafr"
}
Factor {
Index: 505
CppName: "FI_QUERY_WORD_SEQUENCES_LR"
Name: "QueryWordSequencesLR"
Group: "QueryWordSequencesLR"
Tags: [TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Counts the sum of occurrences of the following form: a sequence of query words longer than two, encountered in one link; normalized to the number of links."
Authors: "akorsun"
Responsibles: "alsafr"
}
Factor {
Index: 506
CppName: "FI_OWNER_NAV_QUOTA"
Name: "OwnerNavQuota"

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Tags: [TG_STATIC, TG_OWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_REARR_USE,
TG_OFTEN_ZERO, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICKS_SHOWS, TG2DEPREC_DEP]
Description: "Navigation click-through rate"
Authors: "ulyanov"
Responsibles: ["ulyanov", "tarum", "niknik"]
}
Factor {
Index: 507
CppName: "FI_GEO_RELEV_ALIEN_CITY"
Name: "GeoRelevAlienCity"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2,
TG_L3_OVERWRITE, TG_NN_OVER_FEAS_USE]
Description: "The result has a georeference that does not match the user's geography at the city level ([415]==1 &&
[215]==0)"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 508
CppName: "FI_GEO_V_QUERY_IN_USERS_CITY"
Name: "GeoVQueryInUserCity"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Geovitality of the query for results from the user's region"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 509
CppName: "FI_GEO_V_QUERY_IN_ALIEN_CITY"
Name: "GeoVQueryInAlienCity"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Geovitality of the query for results not from the user's region"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 510
CppName: "FI_HOST_RELIABILITY"
Name: "HostReliability"
Tags: [TG_HOST, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "percentage of urls that respond without errors"
Responsibles: "alsafr"
}
Factor {
Index: 511
CppName: "FI_DMOZ_THEME_MATCH_ALL"
Name: "DmozThemeMatchAll"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Coincidence of the thematic spectrum (according to DMOZ) of the request and the document. The topic
of the request is determined by ((http://wiki.yandex-
team.ru/JandeksPoisk/ZarubezhnyjInternet/DMOZqueryClassifier1 by the DMOZTheme wizard's rule)) The subject of
the document is determined by an automatic classifier"
Authors: ["ekrokhalev", "pyal"]
Responsibles: ["pyal", "lamo"]
}
Factor {
Index: 512

```

```

CppName: "FI_DMOZ_THEME_MATCH_BEST"
Name: "DmozThemeMatchBest"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Coincidence of the thematic spectrum (according to DMOZ) of the query and the document. The subject of the query is determined by the best result ((http://wiki.yandex-team.ru/JandeksPoisk/ZarubezhnyjInternet/DMOZqueryClassifier1 DMOZTheme sorcerer's rules)) The subject of the document is determined by an automatic classifier"
Authors: ["ekrokhalev", "pyal"]
Responsibles: ["pyal", "lamo"]
}
Factor {
Index: 513
CppName: "FI_MPSA"
Name: "MPsa"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Estimates the minimum distance between pairs of query words, taking into account the distance of the pair from the beginning of the document (Minimal Pair Size with Attenuation). Pairs are understood as all consecutive bigrams of query words. Thus, the number of pairs is equal to the number of words in the query, reduced by 1. Accordingly , the factor makes sense for requests consisting of more than one word."
Authors: "alsifr"
Responsibles: "alsifr"
}
Factor {
Index: 514
CppName: "FI_BCLM2"
Name: "Bclm2"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Different from BCLm in that the weights of all words are considered the same. ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BCLm2 BCLm2))"
Authors: "alsifr"
Responsibles: "alsifr"
}
Factor {
Index: 515
CppName: "FI_ABSOLUTE_PLM"
Name: "AbsolutePLM"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Text relevance based on the language model, taking into account the absolute position. We go through the text with a window of 20 words, build a language model for each window (that is, a probability distribution on the words of the Russian language) and calculate the probability of generating a query. We fine for moving away from the beginning of the document model."
Authors: "kustarev"
Responsibles: "alsifr"
}
Factor {
Index: 516
CppName: "FI_PAGE_REGION_COVERAGE"
Name: "PageRegionCoverage"
Tags: [TG_DOC, TG_STATIC, TG_STATIC_REGINFO, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsifr"
}
Factor {
Index: 517

```

```
CppName: "FI_PAGE_REGION_SIZE"
Name: "PageRegionSize"
Tags: [TG_DOC, TG_STATIC, TG_STATIC_REGINFO, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_L3_OVERWRITE, TG_NN_OVER_FEATURES_USE]
Description: "Page region size"
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 518
CppName: "FI_PAGE_REGION_REL_COVERAGE"
Name: "PageRegionRelCoverage"
Tags: [TG_DOC, TG_STATIC, TG_STATIC_REGINFO, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_L3_OVERWRITE, TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 519
CppName: "FI_RC_SPYLOG_FRESHNESS_AT_REQ"
Name: "RcSpylogFreshnessAtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_SPYLOG_RAPID_CLICKS_BIGRT, TG_NN_OVER_FEATURES_USE]
Description: "Freshness of rapid clicks spy_log update, calculated at the request time"
Ticket: "USERFEAT-1493"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
ImplementationTime: "2020-09-01"
}
Factor {
Index: 520
CppName: "FI_QUERY_ISGEO"
Name: "IsGeo"
DependsOn: [{"Feature": ["IsGeo"], "Slice": "begemot_query_factors"}]
Ticket: "BUKI-1316"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsGeo"
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Lowers the maximum weight of the encountered geo object in the request under the name isgeo. A geo
object is an object of the category Geo, Geo1, GeoAddr, GeoAddr1, LandMark, LandMark1 (see ((http://wiki.yandex-
team.ru/ AlekseySokirko/QueryObjects som markup))).((http://wiki.yandex-team.ru/ArsenGadzhikurbanov/Wares
More))"
Authors: "arseny"
Responsibles: "arseny"
}
Factor {
Index: 521
CppName: "FI_QUERY_ISMUSIC"
Name: "IsMusic"
DependsOn: [{"Feature": ["IsMusic"], "Slice": "begemot_query_factors"}]
Ticket: "BUKI-1316"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsMusic"
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Reduces to basic searches under the name ismusic the maximum weight of the encountered object of
the Music or Music1 category in the request. (See ((http://wiki.yandex-team.ru/AlekseySokirko/QueryObjects som
markup))).( (http://wiki.yandex-team.ru/ArsenGadzhikurbanov/Wares More))"
```

```
Authors: "arseny"
Responsibles: "arseny"
}
Factor {
Index: 522
CppName: "FI_BCLM_LITE"
Name: "BclmLite"
Group: "BCLM"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_NO_L3,
TG_NN_OVER_FEATURES_USE]
Description: "Modification of the Bclm2 factor, lighter for use in fastrank. The main difference is that BclmLite does
not use absolute word offsets relative to the beginning of the document. Instead, the factor works with normal
positions of the form <Sentence_Number, Sentence_Position>. At the same time, proximity between words is taken
into account only inside the sentence.
Authors: "alsafr"
Responsibles: "alsafr"
}
Factor {
Index: 523
CppName: "FI_QUERY_NEARBY"
Name: "NearbyQuery"
DependsOn: [{Feature: ["NearbyQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "When answering a query, results in the immediate vicinity are important ([pharmacies], [children's
clinics])"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 524
CppName: "FI_QUERY_CITY"
Name: "CityQuery"
DependsOn: [{Feature: ["CityQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_REARR_USE, TG_DEPRECATED]
Description: "When answering a query, the results within the city are important (the bulk of localizable queries)"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 525
CppName: "FI_QUERY_ADM"
Name: "AdmQuery"
DependsOn: [{Feature: ["AdmQuery"], Slice: "begemot_query_factors"}]
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_REARR_USE, TG_DEPRECATED]
Description: "When answering a query, results from the user's area, region ([airport], [dairy]) are important"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 526
CppName: "FI_NUM_LINKS_FROM_MP"
Name: "NumLinksFromMP"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "Number of incoming links from snouts"
Authors: "vvp"
```

```
Responsibles: "alsifr"
}
Factor {
Index: 527
CppName: "FI_YMW_FULL2"
Name: "YmwFull2"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Corrected YmwFull. It differs from the previous version only in the behavior on 2-word queries.
((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/YMW more))"
Authors: "alsifr"
Responsibles: "alsifr"
}
Factor {
Index: 528
CppName: "FI_FULL_QUORUM"
Name: "FullQuorum"
Group: "Dynamic"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_REARR_USE,
TG_DEPRECATED]
Description: "Binary factor, each word of the query is in the text or in the links"
Authors: "denplusplus"
Responsibles: "alsifr"
}
Factor {
Index: 529
CppName: "FI_AUXC_TEXT_BM25"
Name: "AuxCTextBM25"
AntiSeoUpperBound: 0.8
Group: "AuxBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_UNUSED, TG_OFTEN_ZERO]
Description: "uses 'country aux tree' (auxqc)"
Authors: "shutovich"
Responsibles: "shutovich"
}
Factor {
Index: 530
CppName: "FI_AUXC_LINK_BM25"
Name: "AuxCLinkBM25"
AntiSeoUpperBound: 0.8
Group: "AuxBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_UNUSED, TG_OFTEN_ZERO]
Description: "uses 'country aux tree' (auxqc)"
Authors: "shutovich"
Responsibles: "shutovich"
}
Factor {
Index: 531
CppName: "FI_SOFT_404"
Name: "Soft404"
Ticket: "ARC-1046"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Page - '404' (share of '404' tokens in relation to the total number of tokens on the page)"
Authors: "avatar"
Responsibles: "avatar"
}
Factor {
```

Index: 532

CppName: "FI\_RC\_SPYLOG\_URL\_RATIONAL\_SIGMOID\_D1T240\_AT\_REQ"

Name: "RcSpylogUrlRationalSigmoidD1T240AtReq"

Group: "Rapid Clicks"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_DATA\_FROM\_BIGRT, TG\_UNDOCUMENTED, TG\_SPYLOG\_RAPID\_CLICKS\_BIGRT, TG\_NN\_OVER\_FEATURES\_USE]

Description: "URL feature computed at the request time from rapid clicks spy\_log counters with decay of 1 day"

Ticket: "USERFEAT-1493"

Authors: ["skorodumov-s"]

Responsibles: ["skorodumov-s", "tarum"]

ImplementationTime: "2020-09-01"

}

Factor {

Index: 533

CppName: "FI\_DBM25"

Name: "DBM25"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DBM25"

Group: "DBM25"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_DEPRECATED]

Description: "BM25 machine-matched word weight"

Authors: "denplusplus"

Responsibles: "alsifr"

}

Factor {

Index: 534

CppName: "FI\_QUERY\_WORD\_COHESION\_TR"

Name: "QueryWordCohesionTR"

Group: "Combined Abs"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]

Description: "The factor evaluates how the query words are grouped together in the text of the document, regardless of their order. ((http://wiki.yandex-team.ru/SergejjKrylov/QueryWordCohesionTR description))"

Authors: "kryloff"

Responsibles: "kryloff"

}

Factor {

Index: 535

CppName: "FI\_OWNER\_SESS\_NORM\_DUR\_REG"

Name: "OwnerSessNormDuration\_Reg"

Group: "RegHostStatic"

Tags: [TG\_STATIC, TG\_OWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_2RECEPATE\_D]

Countries: CNT\_RELEV

Description: "nd/k normalized time to click"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"

Authors: ["cliff", "akhropov", "angshu"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 536

CppName: "FI\_RC\_SPYLOG\_URL\_RATIONAL\_SIGMOID\_D0\_5T30\_AT\_REQ"

Name: "RcSpylogUrlRationalSigmoidD0\_5T30AtReq"

Group: "Rapid Clicks"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_DATA\_FROM\_BIGRT, TG\_UNDOCUMENTED, TG\_SPYLOG\_RAPID\_CLICKS\_BIGRT, TG\_NN\_OVER\_FEATURES\_USE]

Description: "URL feature computed at the request time from rapid clicks spy\_log counters with decay of 0.5 days"

Ticket: "USERFEAT-1493"



Authors: ["skorodumov-s"]  
Responsibles: ["skorodumov-s", "tarum"]  
ImplementationTime: "2020-09-01"  
}  
Factor {  
Index: 537  
CppName: "FI\_QUERY\_DOWNER\_SESS\_NORM\_DUR\_REG"  
Name: "QueryDownerSessNormDuration\_Reg"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "nd/k"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"  
Authors: ["cliff", "akhropov", "angshu"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 538  
CppName: "FI\_QUERY\_DOWNER\_WEIGHT\_CLICK\_REG"  
Name: "QueryDownerWeightClick\_Reg"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "w/k"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"  
Authors: ["cliff", "akhropov", "angshu"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 539  
CppName: "FI\_QUERY\_DOWNER\_ONLY\_CLICK\_RATE\_REG"  
Name: "QueryDownerOnlyClickRate\_Reg"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "o/i"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"  
Authors: ["cliff", "akhropov", "angshu"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 540  
CppName: "FI\_QUERY\_DOWNER\_CLICK\_SUMMARY\_REG"  
Name: "QueryDownerClickSummary\_Reg"  
Ticket: "BUKI-955"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "matched formula"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelskiesessii"

Authors: ["popescul", "cliff", "angshu", "akhropov"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 541

CppName: "FI\_QUERY\_DOWNER\_SATISFIED4\_RATE\_REG"

Name: "QueryDOwnerSatisfied4Rate\_Reg"

Ticket: "BUKI-955"

Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: " $r_{s4b}/(r_k + 10)$ "

Wiki: "[http://wiki.yandex-](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelksiesessii)

[team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelksiesessii](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatelksiesessii)"

Authors: ["popescul", "cliff", "angshu", "akhropov"]

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 542

CppName: "FI\_SEGMENT\_AUX\_ALPHAS\_IN\_TEXT"

Name: "SegmentAuxAlphasInText"

Ticket: "BUKI-1109"

Wiki: "[http://wiki.yandex-](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentAuxAlphasInText)

[team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentAuxAlphasInText](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentAuxAlphasInText)"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Number of letters in the Aux segment"

Authors: "avatar"

Responsibles: "avatar"

}

Factor {

Index: 543

CppName: "FI\_SEGMENT\_AUX\_SPACES\_IN\_TEXT"

Name: "SegmentAuxSpacesInText"

Ticket: "BUKI-1109"

Wiki: "[http://wiki.yandex-](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentAuxSpacesInText)

[team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentAuxSpacesInText](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentAuxSpacesInText)"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Number of spaces in the Aux segment"

Authors: "avatar"

Responsibles: "avatar"

}

Factor {

Index: 544

CppName: "FI\_SEGMENT\_CONTENT\_COMMAS\_IN\_TEXT"

Name: "SegmentContentCommasInText"

Ticket: "BUKI-1109"

Wiki: "[http://wiki.yandex-](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentContentCommasInText)

[team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentContentCommasInText](http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentContentCommasInText)"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Number of commas in the Content segment"

Authors: "avatar"

Responsibles: "avatar"

}

Factor {

Index: 545

CppName: "FI\_CLASSIF\_IS\_SHOP"

Name: "IsShop"

Ticket: "BUKI-1128"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_DEPRECATED, TG\_L2]  
Description: "Page is a shop. ((<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#isshop> description)) Not used (deprecated)"  
Authors: "smikler"  
Responsibles: "smikler"  
}  
Factor {  
Index: 546  
CppName: "FI\_LR\_GEO\_RELEV\_REGION\_NATDOM"  
Name: "XLRGeoRelevRegionNatDomain"  
Group: "Xref"  
Tags: [TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_LINK\_GRAPH, TG\_UNDOCUMENTED, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Authors: "agorodilov"  
Responsibles: "agorodilov"  
}  
Factor {  
Index: 547  
CppName: "FI\_AURA\_DOC\_LOG\_ORIGIN"  
Name: "AuraDocLogOrigin"  
Tags: [TG\_DOC\_TEXT, TG\_OWNER, TG\_STATIC, TG\_REARR\_USE, TG\_UNUSED, TG\_OFTEN\_ZERO, TG\_DEPRECATED]  
Description: "Logarithm of the number of shingles in the document added by the site owner as original texts in ((<http://wiki.yandex-team.ru/JandeksPoisk/Jekosistema/MarketingPR/Webmasters/plan/vtorcontact> Originality Plugin)). Does not participate in the formula , needed to re-arrange duplicates"  
Authors: "antonovk"  
Responsibles: ["antonovk", "smax"]  
}  
Factor {  
Index: 548  
CppName: "FI\_AURA\_DOC\_MEAN\_FLT\_AUTHOR\_SOURCE"  
Name: "AuraDocMeanFltAuthorSource"  
Tags: [TG\_DOC\_TEXT, TG\_OWNER, TG\_STATIC, TG\_UNUSED, TG\_DEPRECATED]  
Description: "Average filtered number of document authorship sources. Not included in the formula, needed to re-rank duplicates"  
Authors: "antonovk"  
Responsibles: ["antonovk", "smax"]  
}  
Factor {  
Index: 549  
CppName: "FI\_QUERY\_REF\_TRIGRAM\_Q"  
Name: "QueryRefTrigramQuery"  
Ticket: "BUKI-1117"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "((<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#queryreftrigrams> description))"  
Authors: "vvp"  
Responsibles: ["mbusel", "tsimkha"]  
}  
Factor {  
Index: 550  
CppName: "FI\_QUERY\_REF\_TRIGRAM\_R"  
Name: "QueryRefTrigramReferences"  
Ticket: "BUKI-1117"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]

Description: "((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov#queryreftrigrams description))"

Authors: "vvp"

Responsibles: ["mbusel", "tsimkha"]

}

Factor {

Index: 551

CppName: "FI\_IDF\_VARIANCE"

Name: "IdfVariance"

Group: "Dynamic"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]

Description: "IDF variance of query words given text hits in the document (mixed query-text factor)"

Authors: "grechnik"

Responsibles: "greek"

}

Factor {

Index: 552

CppName: "FI\_URL\_NGRAMS\_MODEL"

Name: "UrlNGramsModel"

Ticket: "BUKI-1145"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/UrlNGramsModel"

Tags: [TG\_DOC, TG\_STATIC, TG\_URL\_TEXT, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Ranking factor UrlNGramsModel in erf"

Authors: "avatar"

Responsibles: "avatar"

}

Factor {

Index: 553

CppName: "FI\_NATIONAL\_LANGUAGE"

Name: "NationalLanguage"

Tags: [TG\_LOCALIZED\_COUNTRY, TG\_DYNAMIC, TG\_DOC\_TEXT, TG\_BINARY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_L3\_OVERWRITE, TG\_NN\_OVER\_FEATURES\_USE]

Description: "The language of the document matches the country of the request"

Authors: "dremov"

Responsibles: "dremov"

}

Factor {

Index: 554

CppName: "FI\_OWNER\_IS\_COMMERCIAL"

Name: "OwnerIsCommercial"

Ticket: "SEARCHSPAM-2603"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HostIsCommercial"

Tags: [TG\_STATIC, TG\_OWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COMMERCIAL, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]

Authors: ["anelyubin", "sisoid"]

Responsibles: ["anelyubin", "sisoid"]

}

Factor {

Index: 555

CppName: "FI\_GEO\_COUNTRY\_URL\_REGION\_COUNTRY"

Name: "GeoCountryUrlRegionCountry"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_URL\_TEXT, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Authors: "denplusplus"

Responsibles: "alsifr"

```

}
Factor {
Index: 556
CppName: "FI_GEO_COUNTRY_URL_GEO_COUNTRY"
Name: "GeoCountryUrlGeoCountry"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_GEOINQUERY, TG_URL_TEXT, TG_BINARY, TG_UNDOCUMENTED,
TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 557
CppName: "FI_NUM_LINKS_FROM_SEGMENT_CONTENT"
Name: "NumLinksFromSegmentContent"
Ticket: "BUKI-1161"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/NumLinksFromSegmentContent"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Authors: "vvp"
Responsibles: "alsafr"
}
Factor {
Index: 558
CppName: "FI_LOCM"
Name: "Locm"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Locm"
Group: "Xref"
Tags: [TG_DOC, TG_DYNAMIC, TG_LINK_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Word order in links."
Authors: "alsafr"
Responsibles: "alsafr"
}
Factor {
Index: 559
CppName: "FI_URL_QUERY_VARIETY_REG"
Name: "UrlQueryVariety_Reg"
Ticket: "BUKI-1159"
Group: "RegDocStatic"
Tags: [TG_STATIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_L2, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D,
TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "The degree of diversity of requests that are clicked on this url is calculated by region"
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Kliki#urlqueryvarietyreg"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 560
CppName: "FI_URL_SESS_NORM_DUR_RATE_REG"
Name: "UrlSessNormDurRate_Reg"
Ticket: "BUKI-1159"
Group: "RegDocStatic"
Tags: [TG_STATIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_L2, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_USF,
TG_FORMULA_D]
Countries: CNT_RELEV

```

Description: "nd/i"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty#polzovatel'skiesessii"  
Authors: ["cliff", "akhropov", "angshu"]  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 561  
CppName: "FI\_FILTRATION\_SEGMENTS"  
Name: "FiltrationSegments"  
Group: "Combined Abs"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_REARR\_USE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Percentage of query segments present in text"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 562  
CppName: "FI\_LANGUAGE\_GOOD\_FOR\_TURKEY"  
Name: "LanguageGoodForTurkey"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The language of the document is one of the allowed ones for Turkey (Turkish, English, German, French, Arabic, Azeri) or the document has zero length. Only IsRealGeoLocal queries are calculated at the search stage."  
Authors: "dremov"  
Responsibles: "dremov"  
}  
Factor {  
Index: 563  
CppName: "FI\_DBM25\_2"  
Name: "DBM25\_2"  
Group: "DBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_REARR\_USE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Variation on the theme ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DBM25 DBM25)), see ysite/yandex/relevance/dbm25.cpp"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 564  
CppName: "FI\_GEO\_DISPERSION"  
Name: "GeoDispersion"  
Tags: [TG\_DOC, TG\_LINK\_GRAPH, TG\_STATIC, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_UNUSED]  
Description: "Dispersion of document link regions"  
Authors: "bochkarev"  
Responsibles: "bochkarev"  
}  
Factor {  
Index: 565  
CppName: "FI\_QUERY\_DOWNER\_ENOUGH\_CLICKED"  
Name: "QueryDownerEnoughClicked"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/QueryDownerEnoughClicked"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "The number of clicks on the owner and the number of clicks on the request is greater than 5"  
Authors: ["snailer", "akhropov"]

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Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 566
CppName: "FI_BM25F_DPR_FIXED"
Name: "BM25FdPRFixed"
Group: "BM25F"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_LINK_TEXT, TG_DEPRECATED]
Description: "BM25FdPR normalized to the average document length depending on the language of the document.
((http://wiki.yandex-team.ru/BM25FRework Test results.))"
Authors: "lamo"
Responsibles: "lamo"
}
Factor {
Index: 567
CppName: "FI_LANG_POPULARITY"
Name: "LanguagePopularity"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Document language popularity. A number from 0 to 1. ((http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/LanguagePopularity
LanguagePopularity))"
Authors: "lamo"
Responsibles: "lamo"
}
Factor {
Index: 568
CppName: "FI_QUERY_DOWNER_WS_FRC_AND_BM25F_DPR_FIXED"
Name: "QueryDownerWeightedSumFRCAndBM25FdPRFixed"
Tags: [TG_DEPRECATED, TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_DOWNER, TG_USER,
TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_DOC_TEXT, TG_TRANS,
TG_USER_SEARCH_EXTERNAL, TG_UNUSED, TG_L2]
Countries: CNT_RELEV
Description: "The sum of the QueryDownerClicksFRC and BM25FdPRFixed factors with weights 0.358449 and
0.184922 respectively. The '565' in the factor name should not be taken literally, it's a legacy or a typo."
Authors: ["grechnik", "kustarev"]
Responsibles: "greek"
DependsOn: [{"Feature": ["QueryDownerClicksFRC", "BM25FdPRFixed"]}
]
}
Factor {
Index: 569
CppName: "FI_QUERY_DOWNER_WS_MAX_WHR_AND_ONLY_CLICK_RATE"
Name: "QueryDownerWeightedSumMaxWHRAndOnlyClickRate"
Tags: [TG_DEPRECATED, TG_DYNAMIC, TG_DOWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_TRANS, TG_USER_SEARCH_EXTERNAL, TG_UNUSED]
Countries: CNT_RELEV
Description: "The sum of factors 192 and 341 with weights 0.298942 and 0.454625 respectively."
Authors: ["grechnik", "kustarev"]
Responsibles: "greek"
DependsOn: [{"Feature": ["MaxWordHostRank", "QueryDownerOnlyClickRate"]}
]
}
Factor {
Index: 570
CppName: "FI_RC_SPYLOG_URL_RATIONAL_SIGMOID_D3T120_AT_REQ"
Name: "RcSpylogUrlRationalSigmoidD3T120AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_SPYLOG_RAPID_CLICKS_BIGRT, TG_NN_OVER_FEATURES_USE]
Description: "URL feature computed at the request time from rapid clicks spy_log counters with decay of 3 days"

```

Ticket: "USERFEAT-1493"  
Authors: ["skorodumov-s"]  
Responsibles: ["skorodumov-s", "tarum"]  
ImplementationTime: "2020-09-01"  
}  
Factor {  
Index: 571  
CppName: "FI\_RC\_SPYLOG\_URL\_RATIONAL\_SIGMOID\_D14T300\_AT\_REQ"  
Name: "RcSpylogUrlRationalSigmoidD14T300AtReq"  
Group: "Rapid Clicks"  
Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_DATA\_FROM\_BIGRT, TG\_UNDOCUMENTED, TG\_SPYLOG\_RAPID\_CLICKS\_BIGRT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "URL feature computed at the request time from rapid clicks spy\_log counters with decay of 14 days"  
Ticket: "USERFEAT-1493"  
Authors: ["skorodumov-s"]  
Responsibles: ["skorodumov-s", "tarum"]  
ImplementationTime: "2020-09-01"  
}  
Factor {  
Index: 572  
CppName: "FI\_TOCM"  
Name: "Tocm"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Tocm"  
Group: "Tocm"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The factor evaluates the differences between the positions of words in the title and the positions of words in the query"  
Authors: "alsafr"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 573  
CppName: "FI\_RELEV\_GEO\_LINKS\_PERCENT"  
Name: "RelevGeoLinksPercent"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_LINK\_GRAPH, TG\_UNDOCUMENTED, TG\_UNUSED]  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 574  
CppName: "FI\_LANG\_DISPERSION"  
Name: "LangDispersion"  
Ticket: "BUKI-1228"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/LangDispersion"  
Tags: [TG\_DOC, TG\_LINK\_GRAPH, TG\_STATIC, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_UNUSED]  
Description: "Dispersion of languages in xmap"  
Authors: "kartynnik"  
Responsibles: "kartynnik"  
}  
Factor {  
Index: 575  
CppName: "FI\_HAS\_MISSPELL"  
Name: "HasMisspell"  
DependsOn: [{"Feature": ["HasMisspell"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Description: "There is a typo in the request"



```
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 576
CppName: "FI_DBM30_SMERCH"
Name: "DBM30Smerch"
Group: "DBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Variation on the theme ((http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DBM25 DBM25)), see
ysite/yandex/relevance/dbm25.cpp"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 577
CppName: "FI_IS_URL_FOR_CLICK_DEBOOST"
Name: "IsUrlForClickDeboost"
Tags: [TG_STATIC, TG_DOC, TG_UNUSED, TG_OFTEN_ZERO, TG_REARR_USE, TG_DATA_FROM_SAASKV,
TG_USED_IN_CONF_REARR]
Authors: "hommforever"
Responsibles: ["hommforever", "ilnurkh"]
Description: "Url is known to show too often with very low relevance (by burt and/or by bm25)"
ImplementationTime: "2021-01-12"
}
Factor {
Index: 578
CppName: "FI_URL_LINK_PERCENT"
Name: "UrlLinkPercent"
Ticket: "BUKI-1233"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/UrlLinkPercent"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "The ratio of the number of incoming links whose text is a URL to the number of all incoming links"
Authors: "suncpp"
Responsibles: "alsafir"
}
Factor {
Index: 579
CppName: "FI_DSSM_BERT_DISTILL_L2"
Name: "DssmBertDistillL2"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_USE_MARKUP, TG_ALL_RELEVANCE_MARKUP, TG_SIN_SIG_MARKUP, TG_BERT_DISTILL, TG_L2]
Description: "A pool of PRS logs is marked up using Bert trained on sinsig. A dssm model is trained on this pool using
BaseRegionChain"
UseArtifact: {Name: "DssmBertDistillL2"}
Ticket: "BERT-179"
Authors: ["film"]
Responsibles: ["movies"]
ImplementationTime: "2020-08-30"
}
Factor {
Index: 580
CppName: "FI_NUM_NON_LETTERS_IN_URL"
Name: "NumNonLettersInUrl"
Ticket: "BUKI-1238"
```

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/NumNonLettersInUrl"  
Tags: [TG\_DOC, TG\_STATIC, TG\_URL\_TEXT, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Number of 'non-letters' in url"  
Authors: "kartynnik"  
Responsibles: "kartynnik"  
}  
Factor {  
Index: 581  
CppName: "FI\_URL\_LENGTH\_2"  
Name: "UrlLen2"  
Tags: [TG\_DOC, TG\_STATIC, TG\_URL\_TEXT, TG\_UNUSED, TG\_L2]  
Ticket: "BUKI-1252"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/UrlLen2"  
Description: "Length of the URL to the nearest character. Disabled in production."  
Authors: "kartynnik"  
Responsibles: "kartynnik"  
}  
Factor {  
Index: 582  
CppName: "FI\_IS\_HUB"  
Name: "IsHub"  
Ticket: "BUKI-1257"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsHub"  
Tags: [TG\_DOC, TG\_STATIC, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Hub page"  
Authors: "suncpp"  
Responsibles: "alsafir"  
}  
Factor {  
Index: 583  
CppName: "FI\_STATIC\_TITLE\_COMM"  
Name: "StaticTitleComm"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/StaticTitleComm"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_DEPRECATED, TG\_OFTEN\_ZERO]  
Description: "The degree of commerciality of the page title. Not used (deprecated)"  
Authors: "zosimov"  
Responsibles: "zosimov"  
}  
Factor {  
Index: 584  
CppName: "FI\_STATIC\_TITLE\_BM25\_EX"  
Name: "StaticTitleBM25Ex"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/StaticTitleBM25Ex"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "BM25 page title by page text"  
Authors: "zosimov"  
Responsibles: "zosimov"  
}  
Factor {  
Index: 585  
CppName: "FI\_STATIC\_TITLE\_LR\_BM25"  
Name: "StaticTitleLRBM25"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/StaticTitleLRBM25"

```
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_UNUSED]
Description: "BM25 page title by link text"
Authors: "zosimov"
Responsibles: "zosimov"
}
Factor {
Index: 586
CppName: "FI_SEO_IN_PAY_LINKS"
Name: "SeoInPayLinks"
Ticket: "BUKI-1243"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SeoInPayLinks"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Description: "Number of incoming seo trash links between hosts"
Authors: "suncpp"
Responsibles: "alsafr"
}
Factor {
Index: 587
CppName: "FI_US_LONG_PERIOD_URL_MOBILE_DT180_AVG"
Name: "USLongPeriodUrlMobileDt180Avg"
Ticket: ["FACTOR-1129"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DW]
Description: "Static URL factor for search sessions over 1600 days calculated from mobile sessions. Average
DwellTime, with DwellTime from the session truncated if greater than 180 seconds"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 588
CppName: "FI_US_LONG_PERIOD_URL_MOBILE_LONG_CLICK_PROB"
Name: "USLongPeriodUrlMobileLongClickProb"
Ticket: ["FACTOR-1129"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DW]
Description: "Static URL factor for search sessions for 1600 days calculated for mobile sessions. Probability that a URL
click will be more than 120 seconds"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 589
CppName: "FI_US_LONG_PERIOD_URL_MOBILE_LOSSES_PROB"
Name: "USLongPeriodUrlMobileLossesProb"
Ticket: ["FACTOR-1129"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "Static URL factor for search sessions over 1600 days calculated from mobile sessions. Probability of a URL
not being clicked if at least one URL is clicked below."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
```

```

}
Factor {
Index: 590
CppName: "FI_US_LONG_PERIOD_URL_MOBILE_DT3600_AVG_REG"
Name: "USLongPeriodUrlMobileDt3600AvgReg"
Ticket: ["FACTOR-1129"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LOCALIZED_COUNTRY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE]
Countries: CNT_RELEV
Description: "Static URL factor for search sessions over 1600 days calculated from mobile sessions. Average
DwellTime, with session DwellTime truncated if greater than 3600 seconds. Localized to country level."
Group: "RegDocStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 591
CppName: "FI_US_LONG_PERIOD_URL_MOBILE_DT180_AVG_REG"
Name: "USLongPeriodUrlMobileDt180AvgReg"
Ticket: ["FACTOR-1129"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LOCALIZED_COUNTRY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE]
Countries: CNT_RELEV
Description: "Static URL factor for search sessions over 1600 days calculated from mobile sessions. Average
DwellTime, with session DwellTime truncated if greater than 180 seconds. Localized to country level."
Group: "RegDocStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 592
CppName: "FI_HP_DETECTOR_PREDICT"
Name: "HpDetectorPredict"
Ticket: "COMMERCIAL-45"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_NOT_01, TG_UNUSED]
Description: "The value of the health detector calculated in the behemoth."
MinValue: -10
MaxValue: 10
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
ImplementationTime: "2020-09-25"
}
Factor {
Index: 593
CppName: "FI_IS_FEED_LISTING"
Name: "IsFeedListing"
Ticket: "SEARCHSPAM-15486"
Authors: ["bikulov"]
Responsibles: ["bikulov", "ulyanov"]
Description: "OffersBase feature for ecoboost."
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV, TG_UNIMPLEMENTED],
}
Factor {

```

```
Index: 594
CppName: "FI_IS_FEED_MAIN"
Name: "IsFeedMain"
Ticket: "SEARCHSPAM-15486"
Authors: ["bikulov"]
Responsibles: ["bikulov", "ulyanov"]
Description: "OffersBase feature for ecoboost."
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV, TG_UNIMPLEMENTED],
}
Factor {
Index: 595
CppName: "FI_IS_FEED_STRATOCASTER"
Name: "IsFeedStratocaster"
Ticket: "SEARCHSPAM-15486"
Authors: ["bikulov"]
Responsibles: ["bikulov", "ulyanov"]
Description: "OffersBase feature for ecoboost."
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV, TG_UNIMPLEMENTED],
}
Factor {
Index: 596
CppName: "FI_IS_FEED_ANY"
Name: "IsFeedAny"
Ticket: "SEARCHSPAM-15486"
Authors: ["bikulov"]
Responsibles: ["bikulov", "ulyanov"]
Description: "OffersBase feature for ecoboost."
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV, TG_UNIMPLEMENTED],
}
Factor {
Index: 597
CppName: "FI_TITLE_IN_LINKS_TRIGRAMS"
Name: "TitleInLinksTrigrams"
Ticket: "BUKI-1264"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/titleinlinkstrigrams"
Tags: [TG_DOC, TG_DOC_TEXT, TG_LINK_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_UNUSED]
Description: "Proportion of unique title trigrams in link trigrams"
Authors: "morph"
Responsibles: "morph"
}
Factor {
Index: 598
CppName: "FI_LINKS_IN_TITLE_TRIGRAMS"
Name: "LinksInTitleTrigrams"
Ticket: "BUKI-1264"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/titleinlinkstrigrams"
Tags: [TG_DOC, TG_DOC_TEXT, TG_LINK_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_UNUSED]
Description: "Proportion of unique link trigrams in title trigrams"
Authors: "morph"
Responsibles: "morph"
}
```

```
Factor {
Index: 599
CppName: "FI_TRASH_ADV"
Name: "TrashAdv"
Ticket: "SEARCH-254"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/Antispam/AntiTrash/adv/TrashAdvFactor"
Tags: [TG_DOC, TG_DOC_TEXT, TG_STATIC, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Page Ads"
Authors: "vvp"
Responsibles: "alsifr"
}
Factor {
Index: 600
CppName: "FI_METRIKA_URL_VISITS"
Name: "MetrikaUrlVisits"
Ticket: ["BUKI-1148", "BUKI-1274"]
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MetrikaUrlVisits"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_COUNTER, TG_METRIKA, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_30D, TG_NN_OVER_FEATURES_USE]
Description: "Similar to YabarUrlVisits"
Authors: "smikler"
Responsibles: ["smikler", "tarum", "niknik"]
}
Factor {
Index: 601
CppName: "FI_URLGEO_ADMS"
Name: "UrlGeoAdms"
Ticket: "QREG-23"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/geo/RegNavQueries"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_REGION, TG_URL_TEXT, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "The URL of the document corresponds to the region (area) of the user ((http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/geo/RegNavQueries /JandeksPoisk/KachestvoPoiska/geo/RegNavQueries))"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 602
CppName: "FI_URLGEO_CITY"
Name: "UrlGeoCity"
Ticket: "QREG-23"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/geo/RegNavQueries"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_UNUSED]
Description: "Document URL matches the user's city"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 603
CppName: "FI_REG_NAV_QUERY"
Name: "RegNavQuery"
DependsOn: [{"Feature": ["RegNavQuery"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-23"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/geo/RegNavQueries"
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "Regional navigation query - the user's region has one or more navigation results for it"
```

```
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 604
CppName: "FI_YABAR_URL_LCAC"
Name: "YabarUrlLcAc"
Ticket: "BUKI-1295"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/YabarUrlLcAc"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_REARR_USE, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS]
Description: "Number of sessions in which the url was last, divided by the number of sessions in which the url
appeared"
Authors: "snailer"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 605
CppName: "FI_SOWNER_MAX_SUM_SOURCE_RANK"
Name: "SOMaxSumSourceRank"
Ticket: "BUKI-1214"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SOMaxSumSourceRank"
Tags: [TG_DOC, TG_LINK_GRAPH, TG_STATIC, TG_USER, TG_BROWSER, TG_COUNTER, TG_USER_SEARCH,
TG_USER_EXT_DATA, TG_TRANS, TG_UNDOCUMENTED, TG_L2, TG_UNUSED]
Description: "The sum of the maximum SourceRanks for each incoming link, taking into account the uniqueness of the
owner."
Authors: "vvp"
Responsibles: "alsafir"
}
Factor {
Index: 606
CppName: "FI_DBM35"
Name: "DBM35"
Ticket: "BUKI-1303"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/DBM35"
Group: "DBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_REARR_USE, TG_UNDOCUMENTED, TG_LINK_TEXT,
TG_DEPRECATED]
Description: "BM25 for texts and links with special weights for matching level (form, lemma, synonym)"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 607
CppName: "FI_TRLR_QUORUM_FM"
Name: "TRLRQuorumFm"
Ticket: "BUKI-1303"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/DBM35"
Group: "TextAndLinkBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_L2, TG_REARR_USE, TG_LINK_TEXT,
TG_DEPRECATED]
Description: "The weight of the query words that are in the text in the exact form"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
```

Index: 608  
CppName: "FI\_TRLR\_QUORUM\_LEMMA"  
Name: "TRLRQuorumLemma"  
Ticket: "BUKI-1303"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/DBM35>"  
Group: "TextAndLinkBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Description: "The weight of the query words that are in the text up to the lemma"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 609  
CppName: "FI\_TRLR\_QUORUM\_SYN"  
Name: "TRLRQuorumSyn"  
Ticket: "BUKI-1303"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/DBM35>"  
Group: "TextAndLinkBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Description: "The weight of the query words that are in the text"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 610  
CppName: "FI\_QUERY\_ISHUM"  
Name: "IsHum"  
DependsOn: [{"Feature": ["IsHum"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1316"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsHum>"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Reduces the maximum weight of the encountered object of the category Hum or Hum1 in the request to the base searches under the name ishum. (See (<http://wiki.yandex-team.ru/AlekseySokirko/QueryObjects> som markup)). (<http://wiki.yandex-team.ru/ArsenGadzhikurbanov/Wares#ishum> More))"  
Authors: "arseny"  
Responsibles: "arseny"  
}  
Factor {  
Index: 611  
CppName: "FI\_QUERY\_ISTEXT"  
Name: "IsText"  
DependsOn: [{"Feature": ["IsText"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1316"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsText>"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Reduces to basic searches under the name istext the maximum weight of the encountered object of the category Text or Text1 in the request. (See (<http://wiki.yandex-team.ru/AlekseySokirko/QueryObjects> som markup)). (<http://wiki.yandex-team.ru/ArsenGadzhikurbanov/Wares#istext> More))"  
Authors: "arseny"  
Responsibles: "arseny"  
}  
Factor {  
Index: 612  
CppName: "FI\_QUERY\_ISPICTURE"



Name: "IsPicture"  
DependsOn: [{"Feature": ["IsPicture"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1316"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsPicture"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Reduces the maximum weight of the encountered object of the Picture or Picture1 category in the request to the base searches under the name ispicture. (See ((http://wiki.yandex-team.ru/AlekseySokirko/QueryObjects som markup))).( (http://wiki.yandex-team.ru/ArsenGadzhikurbanov/Wares#ispicture More))"  
Authors: "arseny"  
Responsibles: "arseny"  
}  
Factor {  
Index: 613  
CppName: "FI\_QUERY\_MAXONE"  
Name: "MaxOne"  
DependsOn: [{"Feature": ["MaxOne"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1316"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MaxOne"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Returns, under the name wmaxone, the maximum degree of commonality of encountered objects in the request. (See ((http://wiki.yandex-team.ru/AlekseySokirko/QueryObjects som markup))).((http://wiki .yandex-team.ru/ArsenGadzhikurbanov/Wares#maxone More))"  
Authors: "arseny"  
Responsibles: "arseny"  
}  
Factor {  
Index: 614  
CppName: "FI\_QUERY\_MINONE"  
Name: "MinOne"  
DependsOn: [{"Feature": ["MinOne"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1316"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MinOne"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Returns, under the name wminone, the maximum degree of nominality of encountered objects in the request. (See ((http://wiki.yandex-team.ru/AlekseySokirko/QueryObjects som markup))).((http://wiki .yandex-team.ru/ArsenGadzhikurbanov/Wares#minone More))"  
Authors: "arseny"  
Responsibles: "arseny"  
}  
Factor {  
Index: 615  
CppName: "FI\_OQ\_BM25\_STR"  
Name: "OqBm25Str"  
Ticket: ["BUKI-1185", "BUKI-1270", "BUKI-1311", "BETATEST-2194"]  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OqBm25Str"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_DEPRECATED, TG\_OFTEN\_ZERO]  
Description: "Bm25 by query index for domAttr"  
Authors: ["agorodilov", "vvp"]  
Responsibles: ["agorodilov", "alsifr"]  
}  
Factor {  
Index: 616

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CppName: "FI_OQ_BM25_LEM"
Name: "OqBm25Lem"
Ticket: ["BUKI-1185", "BUKI-1270", "BUKI-1311", "BETATEST-2194"]
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OqBm25Lem"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED,
TG_OFTEN_ZERO]
Description: "Bm25 by query index for domAttr"
Authors: ["agorodilov", "vvp"]
Responsibles: ["agorodilov", "alsifr"]
}
Factor {
Index: 617
CppName: "FI_OQ_BM25_SYN"
Name: "OqBm25Syn"
Ticket: ["BUKI-1185", "BUKI-1270", "BUKI-1311", "BETATEST-2194"]
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OqBm25Syn"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED,
TG_OFTEN_ZERO]
Description: "Bm25 by query index for domAttr"
Authors: ["agorodilov", "vvp"]
Responsibles: ["agorodilov", "alsifr"]
}
Factor {
Index: 618
CppName: "FI_OQ_BCLM_WEIGHTED"
Name: "OqBclmWeighted"
Ticket: ["BUKI-1185", "BUKI-1270", "BUKI-1311", "BETATEST-2194"]
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OqBclmWeighted"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED,
TG_OFTEN_ZERO]
Description: "BCLM by query index for domAttr"
Authors: ["agorodilov", "vvp"]
Responsibles: ["agorodilov", "alsifr"]
}
Factor {
Index: 619
CppName: "FI_OQ_BCLM_PLAIN"
Name: "OqBclmPlain"
Ticket: ["BUKI-1185", "BUKI-1270", "BUKI-1311", "BETATEST-2194"]
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OqBclmPlain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED,
TG_OFTEN_ZERO]
Description: "BCLM by query index for owners"
Authors: ["agorodilov", "vvp"]
Responsibles: ["agorodilov", "alsifr"]
}
Factor {
Index: 620
CppName: "FI_LINKS_ALIVE"
Name: "Links Alive"
Ticket: "BUKI-1130"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/LinksAlive"
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Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_LINK_GRAPH, TG_TRANS, TG_UNUSED, TG_OFTEN_ZERO, TG_L2]
Description: "Allows you to evaluate whether a document is 'live' in terms of incoming links to it."
Authors: ["egoist", "vvp"]
Responsibles: ["egoist", "alsifr"]
}
Factor {
Index: 621
CppName: "FI_SMALL_WINDOW"
Name: "SmallWindow"
Ticket: "BUKI-1311"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SmallWindow"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_DEPRECATED, TG_REARR_USE]
Description: "Maximum weight of query words in a window of 50 words"
Authors: "denplusplus"
Responsibles: "alsifr"
}
Factor {
Index: 622
CppName: "FI_METRIKA_URL_VISITORS"
Name: "MetrikaUrlVisitors"
Ticket: "BUKI-1148"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MetrikaUrlVisitors"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_COUNTER, TG_METRIKA, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_30D, TG_NN_OVER_FEATURES_USE]
Description: "Similar to YabarUrlVisitors"
Authors: "smikler"
Responsibles: ["smikler", "tarum", "niknik"]
}
Factor {
Index: 623
CppName: "FI_METRIKA_URL_AVG_TIME"
Name: "MetrikaUrlAvgTime"
Ticket: "BUKI-1148"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MetrikaUrlAvgTime"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_COUNTER, TG_METRIKA, TG_L2, TG_REARR_USE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_30D, TG_NN_OVER_FEATURES_USE]
Description: "Similar to YabarUrlAvgTime"
Authors: "smikler"
Responsibles: ["smikler", "tarum", "niknik"]
}
Factor {
Index: 624
CppName: "FI_METRIKA_URL_CORE_AUDIENCE"
Name: "MetrikaUrlCoreAudience"
Ticket: "BUKI-1268"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MetrikaUrlCoreAudience"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_COUNTER, TG_METRIKA, TG_DEPRECATED, TG_UNUSED]
Description: "Audience core of pages that have a Metrica counter"
Authors: "smikler"
Responsibles: "smikler"
}
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Factor {
Index: 625
CppName: "FI_REGEX_MAX_CLICK_PERCENT"
Name: "RegexMaxClickPercent"
Ticket: "BUKI-1300"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/regexmaxclickpercent"
Group: "Regex"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2, TG_DEPRECATED]
Description: "Percentage of clicks on this URL among all clicks on similar queries"
Authors: "finder"
Responsibles: ["smikler", "tsimkha"]
}
Factor {
Index: 626
CppName: "FI_REGEX_CTR"
Name: "RegexCtr"
Ticket: "BUKI-1300"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/regexctr"
Group: "Regex"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2, TG_DEPRECATED]
Description: "corrected CTR of this url for all related queries"
Authors: "finder"
Responsibles: ["smikler", "tsimkha"]
}
Factor {
Index: 627
CppName: "FI_DOM_PHRASE_CLICK_RANK_BI"
Name: "DomPhraseClickRankBi"
Ticket: "BUKI-1278"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat"
Group: "domain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED,
TG_UNDOCUMENTED]
Description: "Domain CTR by bigrams (excluding thesaurus query extensions)"
Authors: ["finder", "kartynnik"]
Responsibles: ["kartynnik", "akhropov"]
}
Factor {
Index: 628
CppName: "FI_DOM_PHRASE_YABAR_BI"
Name: "DomPhraseYabarBi"
Ticket: "BUKI-1278"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat"
Group: "domain"
Tags: [TG_DYNAMIC, TG_DOWNER, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_DEPRECATED,
TG_UNDOCUMENTED]
Description: "Transitions to the site from search engines by bigrams, according to Bar (excluding thesaurus query
extensions)"
Authors: ["finder", "kartynnik"]
Responsibles: ["kartynnik", "akhropov"]
}
Factor {
Index: 629
CppName: "FI_LAST_WORD_HOST_CLICKS"
Name: "LastWordHostClicks"
Ticket: "BUKI-1278"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/Domfeat"
Group: "domain"
```

```
Tags: [TG_DYNAMIC, TG_OWNER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_DEPRECATED,
TG_UNDOCUMENTED, TG_OFTEN_ZERO]
Description: "Host click-through rate for the last query word (excluding thesaurus query extensions)"
Authors: ["finder", "kartynnik"]
Responsibles: ["kartynnik", "akhropov"]
}
Factor {
Index: 630
CppName: "FI_HOST_HAS_FEED_URLS"
Name: "HostHasFeedUrls"
Ticket: "SEARCHSPAM-15486"
Authors: ["bikulov"]
Responsibles: ["bikulov", "ulyanov"]
Description: "OffersBase feature for ecoboost."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED, TG_DATA_FROM_SAASKV,
TG_UNIMPLEMENTED],
}
Factor {
Index: 631
CppName: "FI_IS_FEED_OFFER"
Name: "IsFeedOffer"
Ticket: "SEARCHSPAM-15486"
Authors: ["bikulov"]
Responsibles: ["bikulov", "ulyanov"]
Description: "OffersBase feature for ecoboost."
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV, TG_UNIMPLEMENTED],
}
Factor {
Index: 632
CppName: "FI_HOST_ECOM_KERNEL_1"
Name: "HostEcomKernel1"
Ticket: "SEARCHSPAM-15417"
Authors: ["ngoltsova", "sdormidontov"]
Responsibles: ["bikulov", "ngoltsova", "sdormidontov"]
Description: "Business kernel."
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED, TG_DATA_FROM_SAASKV,
TG_UNIMPLEMENTED],
}
Factor {
Index: 633
CppName: "FI_HOST_ECOM_KERNEL_2"
Name: "HostEcomKernel2"
Ticket: "SEARCHSPAM-15417"
Authors: ["ngoltsova", "sdormidontov"]
Responsibles: ["bikulov", "ngoltsova", "sdormidontov"]
Description: "Business kernel."
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED, TG_DATA_FROM_SAASKV],
ImplementationTime: "2020-09-24"
}
Factor {
Index: 634
CppName: "FI_HOST_ECOM_KERNEL_3"
Name: "HostEcomKernel3"
Ticket: "SEARCHSPAM-15417"
Authors: ["ngoltsova", "sdormidontov"]
Responsibles: ["bikulov", "ngoltsova", "sdormidontov"]
Description: "Business kernel."
}
```

Tags: [TG\_OWNER, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_META\_OVERWRITE, TG\_UNUSED, TG\_DATA\_FROM\_SAASKV, TG\_UNIMPLEMENTED],

}

Factor {

Index: 635

CppName: "FI\_RC\_SEARCH\_BASE\_URL\_RATIONAL\_SIGMOID\_D1TM600\_AT\_REQ"

Name: "RcSearchBaseUrlRationalSigmoidD1TM600AtReq"

Group: "Rapid Clicks"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SEARCH\_RAPID\_CLICKS\_BIGRT, TG\_DATA\_FROM\_BIGRT, TG\_UNDOCUMENTED, TG\_UNUSED]

Description: "URL feature computed at the request time from rapid clicks search counters with decay of 1 day"

Ticket: "USERFEAT-1503"

Authors: ["skorodumov-s"]

Responsibles: ["skorodumov-s", "tarum"]

ImplementationTime: "2020-10-04"

}

Factor {

Index: 636

CppName: "FI\_SYNSET\_LOCM"

Name: "SynSetLocm"

Ticket: "SEARCH-218"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SynSetLocm"

Group: "SynSetLocm"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LINK\_TEXT, TG\_DEPRECATED]

Description: "A copy of the factor ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Locm LOCM))

for((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Synset of synsets))."

Authors: "alexeykruglov"

Responsibles: "alexeykruglov"

}

Factor {

Index: 637

CppName: "FI\_SYNSET\_LINK\_BM25"

Name: "SynSetLinkBM25"

Ticket: "SEARCH-218"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SynSetLinkBM25"

Group: "Dynamic"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LINK\_TEXT, TG\_OFTEN\_ZERO, TG\_DEPRECATED]

Description: "A copy of the LinkBM25 factor for ((http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Synset of synsets))."

Authors: "alexeykruglov"

Responsibles: "alexeykruglov"

}

Factor {

Index: 638

CppName: "FI\_RC\_SEARCH\_BASE\_URL\_CONTRAST\_D30ODD0\_9\_X\_D30T1\_AT\_REQ"

Name: "RcSearchBaseUrlContrastD30Odd0\_9\_X\_D30T1AtReq"

Group: "Rapid Clicks"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SEARCH\_RAPID\_CLICKS\_BIGRT, TG\_DATA\_FROM\_BIGRT, TG\_UNDOCUMENTED, TG\_UNUSED]

Description: "URL feature computed at the request time from rapid clicks search counters with decay of 30 days"

Ticket: "USERFEAT-1503"

Authors: ["skorodumov-s"]

```
Responsibles: ["skorodumov-s", "tarum"]
ImplementationTime: "2020-10-04"
}
Factor {
Index: 639
CppName: "FI_REMOVED_639"
Name: "Removed_639"
Tags: [TG_REMOVED]
}
Factor {
Index: 640
CppName: "FI_DMOZ_QUERY_BEST_THEME"
Name: "DmozQueryBestTheme"
DependsOn: [{"Feature": ["DmozQueryBestTheme"], "Slice": "begemot_query_factors"}]
Ticket: "FOREIGN-221"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DmozQueryBestTheme"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "The most likely query topic, determined by ((http://wiki.yandex-
team.ru/JandeksPoisk/ZarubezhnyjInternet/DMOZqueryClassifier1 by the DMOZTheme wizard's rule)), only the most
popular topics are taken into account (but there are more of them than in the DmozQueryThemes factor). The factor
contains the probability that the query matches the topic, but for each topic, its own interval is taken on the interval
[0..1]"
Authors: "lamo"
Responsibles: "lamo"
}
Factor {
Index: 641
CppName: "FI_DMOZ_QUERY_THEMES"
Name: "DmozQueryThemes"
DependsOn: [{"Feature": ["DmozQueryThemes"], "Slice": "begemot_query_factors"}]
Ticket: "FOREIGN-221"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DmozQueryThemes"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "The query topic defined by ((http://wiki.yandex-
team.ru/JandeksPoisk/ZarubezhnyjInternet/DMOZqueryClassifier1 by the DMOZTheme wizard rule)) only a few of the
most popular topics are taken into account."
Authors: "lamo"
Responsibles: "lamo"
}
Factor {
Index: 642
CppName: "FI_DIVERSITY_CATEG_NEED_PHOTO"
Name: "DiversityCategNeedPhoto"
DependsOn: [{"Feature": ["DiversityCategNeedPhoto"], "Slice": "begemot_query_factors"}]
Ticket: "BUKI-1213"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DiversityCategFactors"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "0 or 1 depending on whether the request has an explicit need_photo intent from the variety"
Authors: "stasd07"
Responsibles: "stasd07"
}
Factor {
```

Index: 643  
CppName: "FI\_DIVERSITY\_CATEG\_NEED\_MAP"  
Name: "DiversityCategNeedMap"  
DependsOn: [{"Feature": ["DiversityCategNeedMap"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1213"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DiversityCategFactors"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_THEME\_CLASSIF, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Description: "0 or 1 depending on whether the request has an explicit need\_map intent from the variety"  
Authors: "stasd07"  
Responsibles: "stasd07"  
}

Factor {  
Index: 644  
CppName: "FI\_LONG\_QUERY\_SYN"  
Name: "LongQuerySyn"  
DependsOn: [{"Feature": ["LongQuerySyn"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1361"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/LongQuerySyn"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_L2, TG\_L3\_OVERWRITE, TG\_DEPRECATED]  
Description: "Factor is analogous to LongQuery (the sum of idf of query words), but with 'correct' consideration of synonyms. Specifically, the minimum by idf (i.e. the most frequent) of synonyms and the word is selected."  
Authors: "morph"  
Responsibles: "morph"  
}

Factor {  
Index: 645  
CppName: "FI\_URL\_HAS\_SHORT\_COUNTRY\_NAME\_TOKEN"  
Name: "UrlHasShortCountryNameToken"  
Ticket: "FACTOR-2431"  
Tags: [TG\_DYNAMIC, TG\_URL\_TEXT, TG\_LOCALIZED\_COUNTRY, TG\_L2, TG\_BINARY, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The url contains a token that matches the short name of the user's country. The factor is only considered on the EU stream."  
Authors: "film"  
Responsibles: "film"  
ImplementationTime: "2020-09-24"  
}

Factor {  
Index: 646  
CppName: "FI\_TURKEY\_PAGE\_RANK"  
Name: "TurkishPageRank"  
Ticket: FOREIGN-225  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/TurkeyPageRank"  
Tags: [TG\_LINK\_GRAPH, TG\_OWNER, TG\_STATIC, TG\_LOCALIZED\_COUNTRY, TG\_UNDOCUMENTED, TG\_UNUSED, TG\_OFTEN\_ZERO]  
Countries: CNT\_TR  
Description: "Personalized Turkish PageRank"  
Authors: "lamo"  
Responsibles: "lamo"  
}

Factor {  
Index: 647  
CppName: "FI\_EXPECTED\_FOUND"  
Name: "Expected Found"



Ticket: FOREIGN-225  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/ExpectedFound"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Expected number of search results"  
Authors: "denplusplus"  
Responsibles: "alsifr"  
}  
Factor {  
Index: 648  
CppName: "FI\_FOOTER\_IN\_LINKS\_TRIGRAMS"  
Name: "FooterInLinksTrigrams"  
Ticket: "BUKI-1341"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/FooterInLinksTrigrams"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_LINK\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Proportion of unique footer snippet trigrams in link trigrams"  
Authors: "morph"  
Responsibles: "morph"  
}  
Factor {  
Index: 649  
CppName: "FI\_LINKS\_IN\_FOOTER\_TRIGRAMS"  
Name: "LinksInFooterTrigrams"  
Ticket: "BUKI-1341"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/FooterInLinksTrigrams"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_LINK\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "Percentage of Unique Link Trigrams in Footer Trigram Fragment"  
Authors: "morph"  
Responsibles: "morph"  
}  
Factor {  
Index: 650  
CppName: "FI\_ERRATUM\_LOG\_QUERY\_PROBABILITY"  
Name: "ErratumLogQueryProbability"  
DependsOn: [{"Feature": ["ErratumLogQueryProbability"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BUKI-1388"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/ErratumLogQueryProbability"  
Group: "Query"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_USER, TG\_BROWSER, TG\_COUNTER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Description: "Binary logarithm of the query probability for the language model of the erratum typo service"  
Authors: "now"  
Responsibles: ["snow", "christich"]  
}  
Factor {  
Index: 651  
CppName: "FI\_URL\_IS\_MARKET\_OFFER"  
Name: "UrlIsMarketOffer"  
Ticket: "COMMERCIAL-41"  
Description: "Url is an offer in the latest version of the market base."  
Tags: [TG\_DOC, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED]

```
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
ImplementationTime: "2020-09-27"
}
Factor {
Index: 652
CppName: "FI_DBM40"
Name: "DBM40"
Group: "DBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Variation on the theme ((http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DBM25 DBM25)), see
ysite/yandex/relevance/dbm25.cpp"
Authors: "denplusplus"
Responsibles: "alsafir"
}
# TODO(FACTORDEL-97): replace with TG_REMOVED, TG_REUSABLE and remove old formulas
Factor {
Index: 653
CppName: "FI_REMOVED_653"
Name: "Removed_653"
Tags: [TG_UNUSED]
}
Factor {
Index: 654
CppName: "FI_BM25_0"
Name: "BM25_0"
Ticket: FOREIGN-225
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/ExpectedFound"
Group: "DBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Variation on BM25 theme"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 655
CppName: "FI_BM25_1"
Name: "BM25_1"
Ticket: FOREIGN-225
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/ExpectedFound"
Group: "DBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "Variation on BM25 theme"
Authors: "denplusplus"
Responsibles: "alsafir"
}
Factor {
Index: 656
CppName: "FI_BM25_0123"
Name: "BM25_0123"
Ticket: FOREIGN-225
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/ExpectedFound"
Group: "DBM25"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_DEPRECATED]
```

Description: "Variation on BM25 theme"  
Authors: "denplusplus"  
Responsibles: "alsifr"  
}  
Factor {  
Index: 657  
CppName: "FI\_QUERY\_URL\_CORRECTED\_CTR"  
Name: "QueryUrlCorrectedCtr"  
Ticket: "BUKI-1291"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/QueryUrlCorrectedCtr"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1832D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "'Fixed' clicks counted with RequestAggregateLib"  
Authors: "kcd"  
Responsibles: ["smikler", "tarum", "niknik"]  
}  
Factor {  
Index: 658  
CppName: "FI\_QUERY\_URL\_CORRECTED\_CTR\_REG"  
Name: "QueryUrlCorrectedCtr\_Reg"  
Ticket: "BUKI-1291"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/QueryUrlCorrectedCtr"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1832D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "'Corrected' clicks counted with RequestAggregateLib. Regional Version"  
Authors: "kcd"  
Responsibles: ["smikler", "tarum", "niknik"]  
}  
Factor {  
Index: 659  
CppName: "FI\_YABAR\_URL\_VISITS\_REG"  
Name: "YabarUrlVisits\_Reg"  
Ticket: "BUKI-1180"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/YabarUrlFactors"  
Group: "RegDocStatic"  
Tags: [TG\_STATIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE\_TG\_USERFTS]  
Countries: CNT\_RELEV  
Description: "Regional url traffic according to i-bar"  
Authors: "akhropov"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 660  
CppName: "FI\_METRIKA\_URL\_HOST\_VISIT\_TIME"  
Name: "MetrikaUrlHostVisitTime"  
Ticket: ["BUKI-1272", "BUKI-1312"]  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MetrikaUrlHostVisitTime"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_COUNTER, TG\_METRIKA, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_30D, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Average time a user spends on the host when accessed externally (from another non-search site) from a specific URL"  
Authors: ["gosu", "smikler"]  
Responsibles: ["smikler", "tarum", "niknik"]  
}  
Factor {  
Index: 661  
CppName: "FI\_METRIKA\_URL\_HOST\_VISIT\_DEPTH"  
Name: "MetrikaUrlHostVisitDepth"  
Ticket: ["BUKI-1271", "BUKI-1312"]  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/MetrikaUrlHostVisitDepth"  
Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_COUNTER, TG\_METRIKA, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_30D, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Average 'depth' (number of hits within the host) of a user's stay on the host when accessed externally (from another non-search site) from a specific URL"  
Authors: ["gosu", "smikler"]  
Responsibles: ["smikler", "tarum", "niknik"]  
}  
Factor {  
Index: 662  
CppName: "FI\_DBM\_NUMBERS"  
Name: "DBM Numbers"  
Group: "DBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "DBM separately by numbers"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 663  
CppName: "FI\_DBM\_GEO"  
Name: "DBMGeo"  
Group: "DBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "DBM separately by request geo-objects"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 664  
CppName: "FI\_DBM\_SUBSTANTIVE"  
Name: "DBMSubstantive"  
Group: "DBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "DBM separately by nouns"  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 665  
CppName: "FI\_AVG\_SESSION\_LEN"  
Name: "AvgSessionLen"  
DependsOn: [{"Feature": ["AvgSessionLen"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_DEPRECATED]  
Description: "Average length of the logical session in which the request was"  
Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/AvgSessionLen>"  
Authors: "denplusplus"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 666  
CppName: "FI\_NHOP\_TEXT\_BCLM\_WEIGHTED"  
Name: "NHopTextBclmWeighted"  
Group: "Annotation"  
Ticket: "FACTOR-108"  
Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopText>"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_LOCALIZED\_COUNTRY, TG\_ANNOTATION\_FILTER, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_USERFEAT\_NHOP]  
Countries: CNT\_RELEV  
Description: "Bclm (weighted) based on lyrics from hops."  
Authors: "vvp"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 667  
CppName: "FI\_YABAR\_URL\_DOWNLOADS"  
Name: "YabarUrlDownloads"  
Ticket: "SEARCHSPAM-3039"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/YabarUrlDownloads>"  
Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_VISITS\_ACTIVITY\_DOWNLOADS]  
Description: "document jump probability estimate"  
Authors: "ulyanov"  
Responsibles: ["ulyanov", "tarum", "niknik"]  
}  
Factor {  
Index: 668  
CppName: "FI\_BOCM"  
Name: "Bocm"  
Ticket: "BUKI-1495"  
Wiki: "<http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Bocm>"  
Group: "Bocm"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Evaluates whether word positions in document sentences match word positions in a query."  
Authors: "alsafr"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 669  
CppName: "FI\_HOST\_USER\_LEAKAGE"  
Name: "HostUserLeakage"  
Ticket: "COMMERCIAL-55"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_NOT\_01, TG\_DATA\_FROM\_SAASKV, TG\_UNUSED]  
Description: "Churn rate of users from the search after visiting the site"  
Authors: "alejes"  
Responsibles: "alejes"  
MaxValue: 1.0  
MinValue: -1.0

```
ImplementationTime: "2020-08-27"
}
Factor {
Index: 670
CppName: "FI_FIO_MATCH"
Name: "FioMatch"
Ticket: "FACTEX-2467"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/OpisanijaFaktorov/FioMatchFactor"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNUSED]
Description: "The document contains the full name from the request."
Authors: "udovichenko-r"
Responsibles: "udovichenko-r"
}
Factor {
Index: 671
CppName: "FI_IS_INDEX_PAGE"
Name: "IsIndexPage"
Ticket: FORMULATOR-185
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsIndexPage"
Tags: [TG_DOC, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "This is index.(html/php/aspx?/...), without cgi parameters. It counts over all takes."
Authors: "smikler"
Responsibles: "smikler"
}
Factor {
Index: 672
CppName: "FI_IS_INDEX_PAGE_SOFT"
Name: "IsIndexPageSoft"
Ticket: FORMULATOR-185
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsIndexPage"
Tags: [TG_DOC, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "This is index.(html/php/aspx?/...), possibly with cgi parameters. It counts over all takes."
Authors: "smikler"
Responsibles: "smikler"
}
Factor {
Index: 673
CppName: "FI_IS_OWNER"
Name: "IsOwner"
Ticket: FORMULATOR-185
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsIndexPage"
Tags: [TG_HOST, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Whether the host is its own owner, conditionally Host == Owner(Host)."
Authors: "smikler"
Responsibles: "smikler"
}
Factor {
Index: 674
CppName: "FI_MIN_PATH_LEN"
Name: "MinPathLen"
Ticket: FORMULATOR-185
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsIndexPage"
Tags: [TG_DOC, TG_STATIC, TG_UNDOCUMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
```

Description: "Minimum length of PathAndQuery across all half-doubles."  
Authors: "smikler"  
Responsibles: "smikler"  
}  
Factor {  
Index: 675  
CppName: "FI\_LERF\_GEO\_LR\_LOG\_RELEV\_CNT"  
Name: "XLerfGeoLRlogRelevCnt"  
Ticket: "BUKI-1433"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/XLerfGeoLRlogRelevCnt"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Regionalized (only links from the country of the request are taken) version of the XLerfGeoLRlogRelev factor"  
Authors: "mdvornikov"  
Responsibles: "mdvornikov"  
}  
Factor {  
Index: 676  
CppName: "FI\_NON\_COMM\_LERF\_NORM\_LR\_LOG\_RELEV\_CNT"  
Name: "XNonCommLerfNormLRlogRelevCnt"  
Ticket: "BUKI-1433"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/XNonCommLerfNormLRlogRelevCnt"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Regionalized (only links from the request country are taken) variant of the XNonCommLerfNormLRlogRelev factor"  
Authors: "mdvornikov"  
Responsibles: "mdvornikov"  
}  
Factor {  
Index: 677  
CppName: "FI\_LOCM\_CNT"  
Name: "LocmCnt"  
Ticket: "BUKI-1433"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/LocmCnt"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Regionalized (only links from the country of the request are taken) version of the Locm factor"  
Authors: "mdvornikov"  
Responsibles: "mdvornikov"  
}  
Factor {  
Index: 678  
CppName: "FI\_LR\_RELEV\_CNT"  
Name: "XLRrelevCnt"  
Ticket: "BUKI-1433"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/XLRrelevCnt"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Regionalized (only links from the country of the request are taken) variant of the XLRrelev factor"  
Authors: "mdvornikov"  
Responsibles: "mdvornikov"  
}

Factor {  
Index: 679  
CppName: "FI\_LERF\_LR\_RELEV\_200\_CNT"  
Name: "XLerfLRrelev200Cnt"  
Ticket: "BUKI-1433"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/XLerfLRrelev200Cnt"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Regionalized (only links from the country of the request are taken) version of the XLerfLRrelev200 factor"  
Authors: "mdvornikov"  
Responsibles: "mdvornikov"  
}

Factor {  
Index: 680  
CppName: "FI\_NAV\_LINEAR"  
Name: "NavLinear"  
Ticket: ["COMBPROLAB-107", "SEARCHSPAM-3340"]  
Wiki: "http://wiki.yandex-team.ru/MaratXabibraxmanov/seminavigationqueries"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_NAV, TG\_TRANS, TG\_REARR\_USE, TG\_DEPRECATED]  
Description: "((http://wiki.yandex-team.ru/JandeksPoisk/Antispam/polunavigacionnyezaprosy#faktornavigacionnostiparyurl-zapros classifier)) pair of vitals [request-url], vital url for the request, if the value on it is >0.5"  
Authors: ["burangulov", "kustarev"]  
Responsibles: "burangulov"  
DependsOn: [{"Feature": ["PR", "LR", "PrBonus", "TRp2", "LRp2", "Shop", "YaBar", "Long", "LongQuery", "SR", "LRHitNum100", "PctLinks", "LinkQuality", "AddTime", "TLBM25", "Adv", "YandexAdv", "TxtPair", "TxtHead", "HasNoQueryShows", "LogLR", "TxtPairEx", "TxtBreakEx", "TxtHeadEx", "TxtPairSy", "TxtBreakSy", "TxtHeadSy", "TxtHiRelSy", "QueryOwnerClicksPCTR", "HasNoQueryDOWnerShows", "OwnerClicksPCTR", "XLRp2", "XLRgood", "XLRmaxDpr", "NewLinkQuality", "TextFeatures", "TextLike", "SpamKarma", "DocLen", "UrlLen", "HostSize", "LinkSpeed", "XLerfLRlogRelev", "GeoCityProxim", "LinksWithWordsPercent", "LinksWithAllWordsPercent", "IsComm", "GeoRegionProxim", "TxtSkipPair", "QDiversity", "XGeoLRlogRelev", "XLerfGeoLRlogRelev", "XNonCommNormLRlogRelev", "Nevasca2", "LinkAge", "XLerfLangLRlogRelev", "QueryDOWnerClicksFRC", "QueryDOWnerClicksPCTR\_Reg", "QueryURLClicksFRC\_Reg", "QueryDOWnerClicksRegboReglicks", "QueryDOWnerClicksRegboReglicks", "QueryDOWnerClicksRegboReglicks", "XLRCatalogRelev", "TLp1All", "BFlemmaAll", "PassageLegacyTR", "Tx tBM25AttenSyn", "MaxWordHostRank", "MaxWordHostClicks", "DomPhraseClickRank", "EshopValue", "CountersSearchTraffic1", "CountersSearchTraffic2", "DomPhraseYabar", "GeoRelevRegionCountry", "XLRGeoRelevRegionCountry", "GeoCountryProxim", "MaxWordHostsYaBar", "ClicktWar", "QueryDOWnerYabarVisits", "QueryDOWnerYabarVisitors", "QueryDOWnerYabarAvgTime", "PageRegionSizeIn", "PageRegionInvSizeIn", "GeoGeometryProxim", "RingsHostRankBadnessOld", "YabarHostVisitors", "YabarHostSearchTraffic", "YabarAHostInternalTraffic", "YabarTime", "Host YabarHostAvgActions", "YabarUrlVisits", "YabarUrlVisitors", "YabarUrlAvgTime", "OwnerSatisfied4Rate", "TitleIdfSum\_broken", "HeadingIdfSum\_broken", "CommLinksSEOHosts", "CommLinksSEOHostsNonComm", "Diversity2", "MorningQuery", "LCorryM", "SubqueryM", "SubqueueActions", "OwnerSDiffClickEntropy", "OwnerSDiffShowEntropy", "OwnerSDiffCSRatioEntropy", "UrlDomainFraction", "UrlPathAndParamsFraction", "LnkBreak", "LnkPairSy", "LnkBrkSy", "OwnerClicksPCTR\_Reg", "OwnerSDiffClickEntropy\_Reg", "OwnerSDiffShowEntropy\_Reg", "OwnerSDiffCSRatioEntropy\_Reg", "IsCom", "IsNotRu", "LargestSylInexactGroup", "SynFLremap1", "SynFLremap2", "OwnerSessNormDuration", "UrlSessQueryNormDurRate", "QueryDOWnerWeightRate", "QueryDOWnerClickSummary", "QueryDOWnerSatisfied4Rate", "SyntQuality", "PageDate", "RingsHostRankBadness3", "QSegmentsBM25", "QSegmentsWeight", "NumLatinLetters", "RingsHostRankBadness1", "TitleIdfSumFixed", "HeadingIdfSumFixed", "QueryDOWnerClicksCombo", "LRAmortizedByAge", "RusWordsInTitle", "MeanWordLength", "PercentWordsInLinks", "PercentVisibleContent", "PercentFreqWords", "PercentUsedFreqWords", "TrigramsProb", "TrigramsCondProb", "UrlBM25", "MatrixNet", "DaterAge", "ClnDegree2", "TextMaxForms", "TextWeightedForms", "TextForms", "LinkWeightedForms", "QSegmentsBreaks", "ParticlesPortion", "AdjPronounsPortion", "AdvPronounsPortion", "FemAndMasNounsPortion", "LinkQualityFixed", "NewLinkQualityFixed", "IsOrg", "LongestText", "LRWWithoutRare", "DifferentInternalLinks", "HasDeterminedCities", "UkrainPageRank", "QClassOAO", "PeriodicLinkDatesPercent",



"QDOwnerStatPower", "QUrlStatPower", "OwnerReqsPopularity", "SecondIndegDistrXi", "Swbm25",  
"PositionLanguageModel", "TxtPair\_W1", "AuraDocLogShared", "AuraDocLogAuthor", "AuraDocMeanSharedWeight",  
"RegHostRank", "LanguageCompliance", "CountryQDiversity", "CountryQDiversity2", "CountryQueryRegionality",  
"NumSlashes", "BM25FdPR\_obsolete", "GskUrlModel", "UrlTrigrams", "YmwFull", "Bclm", "QueryCommercialityMx",  
"FieldLM", "GeoCityUrlRegionCountry", "TitleTrigramsQuery", "QueryWordSequencesTR", "OwnerNavQuota",  
"GeoRelevAlienCity", "HostReliability", "Mpsa", "PageRegionCoverage", "PageRegionSize", "PageRegionRelCoverage",  
"IsGeo", "CityQuery", "YmwFull2", "QueryWordCohesionTR", "QueryDOwnerWeightClick\_Reg",  
"QueryDOwnerOnlyClickRate\_Reg", "QueryDOwnerClickSummary\_Reg", "QueryDOwnerSatisfied4Rate\_Reg",  
"SegmentAuxAlphasInText", "IsShop", "XLRGeoRelevRegionNatDomain", "QueryRefTrigramQuery",  
"QueryRefTrigramReferences", "IdfVariance", "UrlNGramsModel", "NumLinksFromSegmentContent", "Locm",  
"UrlQueryVariety\_Reg", "UrlSessNormDurRate\_Reg", "QueryDownerEnoughClicked", "BM25FdPRFixed",  
"QueryDOwnerWeightedSumFRCAndBM25FdPRFixed", "QueryDOwnerWeightedSumMaxWHRAndOnlyClickRate",  
"Tocm", "RelevGeoLinksPercent", "UrlLinkPercent", "NumNonLettersInUrl", "UrlLen2", "IsHub", "StaticTitleBM25Ex",  
"StaticTitleLRBM25", "SeoInPayLinks", "TitleInLinksTrigrams", "TrisIngrams", "YabarUrlLcAc",  
"SOMaxSumSourceRank", "DBM35", "TRLRQuorumFm", "TRLRQuorumLemma", "IsHum", "MaxOne", "MinOne",  
"OqBm25Str", "OqBm25Lem", "OqBm25Syn", "OqBclmWeighted", "OqBclmPlain", "MetrikaUrlCoreAudience",  
"DomPhraseClickRankBi", "DomPhraseYabarBi", "LastWordHostClicks", "SynSetLocm", "DmozQueryBestTheme",  
"LongQuerySyn", "ExpectedFound"]}]}

}

Factor {

Index: 681

CppName: "FI\_RANK\_COM\_GOODNESS"

Name: "RankComGoodness"

Ticket: ["BUKI-1504", "SEARCHSPAM-3204"]

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/RankComGoodness"

Tags: [TG\_COMMERCIAL, TG\_OWNER, TG\_STATIC, TG\_THEME\_CLASSIF, TG\_UNDOCUMENTED, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Classifier according to the ratings of commercial sites"

Authors: ["anelyubin", "sisoid"]

Responsibles: "efedina"

}

Factor {

Index: 682

CppName: "FI\_HAS\_DOWNLOAD\_LINK\_ON\_FILE"

Name: "HasDownloadLinkOnFile"

Ticket: "ROBOT-2682"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HasDownloadLinkOnFile"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "The document has a direct link to the file"

Authors: "osenzen"

Responsibles: "osenzen"

}

Factor {

Index: 683

CppName: "FI\_HAS\_DOWNLOAD\_LINK\_ON\_FILE\_HOSTING"

Name: "HasDownloadLinkOnFileHosting"

Ticket: "ROBOT-2682"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HasDownloadLinkOnFile"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "There is a link to the file hosting on the document"

Authors: "osenzen"

Responsibles: "osenzen"

}

Factor {

Index: 684

```
CppName: "FI_DIVERSITY_CATEG_DOWNLOAD"
Name: "DiversityCategDownload"
DependsOn: [{Feature: ["DiversityCategDownload"], Slice: "begemot_query_factors"}]
Ticket: "ROBOT-2688"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DiversityCategFactors"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_REARR_USE, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "0 or 1 - does the request match the regex from the ticket"
Authors: "stasd07"
Responsibles: "stasd07"
}
Factor {
Index: 685
CppName: "FI_DIVERSITY_CATEG_REVIEW"
Name: "DiversityCategReview"
DependsOn: [{Feature: ["DiversityCategReview"], Slice: "begemot_query_factors"}]
Ticket: "ROBOT-2688"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DiversityCategFactors"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "0 or 1 - does the request match the regex from the ticket"
Authors: "stasd07"
Responsibles: "stasd07"
}
Factor {
Index: 686
CppName: "FI_DIVERSITY_CATEG_WATCH"
Name: "DiversityCategWatch"
DependsOn: [{Feature: ["DiversityCategWatch"], Slice: "begemot_query_factors"}]
Ticket: "ROBOT-2688"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DiversityCategFactors"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "0 or 1 - does the request match the regex from the ticket"
Authors: "stasd07"
Responsibles: "stasd07"
}
Factor {
Index: 687
CppName: "FI_TUR_QR"
Name: "Qrtur"
DependsOn: [{Feature: ["QrTur"], Slice: "begemot_query_factors"}]
Ticket: "QREG-27"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/QrTur"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_UNDOCUMENTED, TG_L2, TG_REARR_USE, TG_DEPRECATED]
Description: "Predicting the share of "good" (at least with two different cities and frequency>=10) mentions of a query
with geography in Turkey"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 688
CppName: "FI_QUERY_TH3561"
```

```
Name: "QueryThEncyclopedic"
DependsOn: [{"Feature": ["QueryThEncyclopedic"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-28"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Th3561"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Description: "The result of the lexical query classifier, which predicts the probability of a click on the topic page 3561"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 689
CppName: "FI_QUERY_TH3973"
Name: "QueryThVideohosting"
DependsOn: [{"Feature": ["QueryThVideohosting"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-28"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Th3561"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_THEME_CLASSIF, TG_USER, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED]
Description: "The result of the lexical query classifier, which predicts the probability of a click on the topic page 3973"
Authors: "esoloviev"
Responsibles: "esoloviev"
}
Factor {
Index: 690
CppName: "FI_QUERY_IS_NAV_MX"
Name: "IsNavMxQuery"
DependsOn: [{"Feature": ["IsNavMxQuery"], "Slice": "begemot_query_factors"}]
Ticket: "SEARCHSPAM-3647"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsNavMxQuery"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_NAV, TG_TRANS, TG_UNDOCUMENTED, TG_L2, TG_REARR_USE, TG_DEPRECATED]
Countries: CNT_RU
Description: "Query 'navigability' rank"
Authors: ["anelyubin", "kvn"]
Responsibles: ["anelyubin", "kvn"]
DependsOn: [{"Feature": ["QueryNonCommerciality", "ProductCategoryQuery", "ProductCategoryVendor",
"IsNavQuery", "QClassDownload", "QClassBrandnames", "QClassDisease", "QClassKak", "QClassMoscow",
"QClassOAO", "QClassPorno", "QClassTravel", "CountryPopularQ"]}]]
}
Factor {
Index: 691
CppName: "FI_QUERY_URL_YABAR_VISITS_REG"
Name: "QueryUrlYabarVisits_Reg"
Ticket: "BUKI-1180"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/YabarUrlFactors"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_REGION, TG_USER, TG_BROWSER, TG_USER_SEARCH,
TG_USER_EXT_DATA, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT,
TG_USERFEAT_238D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_VISITS_ACTIVITY_DOWNLOADS,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "regional traffic from search engines for a specific query"
Authors: "akhropov"
Responsibles: ["tarum", "niknik"]
}
```

Factor {  
Index: 692  
CppName: "FI\_CLICKED\_WITH\_ANOTHER\_SE\_CLICKS"  
Name: "ClickedWithAnotherSEClicks"  
Ticket: "BUKI-1261"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ShowsAndClicksWithAnotherSEClicks"  
Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_UNDOCUMENTED, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "Clicks on the URLs shown in the search results for queries that went to search in other search engines"  
Authors: "vvp"  
Responsibles: ["alsafr", "tarum", "niknik"]  
}

Factor {  
Index: 693  
CppName: "FI\_SHOWS\_WITH\_ANOTHER\_SE\_CLICKS"  
Name: "ShowsWithAnotherSEClicks"  
Ticket: "BUKI-1261"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ShowsAndClicksWithAnotherSEClicks"  
Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_UNDOCUMENTED, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "Impressions of urls in the search results for requests for which they left to search in other search engines"  
Authors: "vvp"  
Responsibles: ["alsafr", "tarum", "niknik"]  
}

Factor {  
Index: 694  
CppName: "FI\_COMMERCIAL\_OWNER\_RANK\_REG"  
Name: "CommercialOwnerRank\_Reg"  
Ticket: ["BUKI-1503", "SEARCHSPAM-3082", "SEARCHSPAM-3486"]  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/CommercialOwnerRank\_Reg"  
Group: "RegHostStatic"  
Tags: [TG\_STATIC, TG\_OWNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COMMERCIAL, TG\_THEME\_CLASSIF, TG\_UNDOCUMENTED, TG\_L2, TG\_MASCOT, TG\_DEPRECATED]  
Countries: [CNT\_RU, CNT\_TR]  
Description: "Commercial site classifier"  
Authors: ["anelyubin", "sisoid"]  
Responsibles: "efedina"  
}

Factor {  
Index: 695  
CppName: "FI\_HOST\_IS\_MARKET\_OFFER"  
Name: "HostIsMarketOffer"  
Ticket: "COMMERCIAL-41"  
Authors: ["hygge", "alejes"]  
Responsibles: ["hygge", "alejes"]  
Description: "There are offers from this host in the latest version of the market database."  
Tags: [TG\_OWNER, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_NN\_OVER\_FEATURES\_USE]  
ImplementationTime: "2020-09-23"  
}

Factor {  
Index: 696  
CppName: "FI\_BCLM\_MAX"  
Name: "BclmMax"  
Ticket: "BUKI-1575"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BclmMax"  
Group: "Combined Abs"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Proximity of query words to the heaviest word."  
Authors: "alsafr"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 697  
CppName: "FI\_URL\_PRON\_REGEX\_MATCH"  
Name: "UrlPronRegexpMatch"  
Ticket: "SEARCH-10629"  
Tags: [TG\_URL\_TEXT, TG\_UNUSED, TG\_BINARY]  
Description: "Url matches regexp expression given in pron"  
Authors: "timuratshin"  
Responsibles: "timuratshin"  
}  
Factor {  
Index: 698  
CppName: "FI\_HAS\_USER\_REVIEWS"  
Name: "HasUserReviews"  
Ticket: "ROBOT-2571"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HasUserReviews"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Document contains user feedback/comment"  
Authors: ["bogomolov", "kartynnik", "osenzen"]  
Responsibles: ["kartynnik", "osenzen"]  
}  
Factor {  
Index: 699  
CppName: "FI\_REGEX\_MAX\_CLICK\_PERCENT\_REG"  
Name: "RegexMaxClickPercentReg"  
Ticket: "BUKI-1300"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/regexmaxclickpercent"  
Group: "Regex"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "Percentage of clicks on this URL among all clicks on similar queries, country version, see ((http://wiki.yandex-team.ru/Development/Poisk/arcadia/indexregex indexregex))"  
Authors: ["finder", "kcd"]  
Responsibles: ["smikler", "tsimkha"]  
}  
Factor {  
Index: 700  
CppName: "FI\_REGEX\_CTR\_REG"  
Name: "RegexCtrReg"  
Ticket: "BUKI-1300"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/regexctr"  
Group: "Regex"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "corrected CTR of this URL for all related queries, country version, see ((http://wiki.yandex-team.ru/Development/Poisk/arcadia/indexregex indexregex))"  
Authors: ["finder", "kcd"]

```
Responsibles: ["smikler", "tsimkha"]
}
Factor {
Index: 701
CppName: "FI_FOUND"
Name: "Found"
DependsOn: [{"Feature": ["Found"], Slice: "begemot_query_factors"}]
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/Found"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D, TG_DEPRECATED]
Countries: CNT_ALL
Description: "Average number of search results"
Authors: "denplusplus"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 702
CppName: "FI_YABAR_WORD_DNGI"
Name: "YabarWordDepthNodesGradientMin"
DependsOn: [{"Feature": ["YabarWordDepthNodesGradientMin"], Slice: "begemot_query_factors"}]
Ticket: "BUKI-1482"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HostStatistics"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_L2, TG_DEPRECATED]
Description: "Angle in Depth Nodes space, counted by words only (Min by all)"
Authors: ["atolstikov", "smikler"]
Responsibles: ["atolstikov", "smikler"]
}
Factor {
Index: 703
CppName: "FI_DBM15_WARES"
Name: "DBM15Wares"
Ticket: "BUKI-1300"
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/RegexCtr"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Authors: "denplusplus"
Responsibles: "alsafr"
}
Factor {
Index: 704
CppName: "FI_RANK_COM_GOODNESS_BAR"
Name: "RankComGoodnessBar"
Ticket: ["SEARCHSPAM-3759", "SEARCHSPAM-3970"]
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/RankComGoodnessBar"
Tags: [TG_STATIC, TG_OWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_BROWSER, TG_COMMERCIAL, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_L2, TG_MASCOT, TG_NN_OVER_FEATURES_USE]
Countries: CNT_RU
Description: "A classifier that approximates the quality of commercial sites based on user behavior data"
Authors: ["reat", "sisoid"]
Responsibles: "efedina"
}
Factor {
Index: 705
CppName: "FI_DOC_CREATE_MONTH"
```

Name: "DocCreateMonth"  
Ticket: "BUKI-1583"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DocMonthFactors"  
Tags: [TG\_DATE, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_DEPRECATED, TG\_UNDOCUMENTED, TG\_L2]  
Description: "Document creation time accurate to the month 1.0 -- current month, 0 --- 10 years ago and older.  
Temporarily disabled"  
Authors: "bochkarev"  
Responsibles: "bochkarev"  
}  
Factor {  
Index: 706  
CppName: "FI\_DOC\_UPDATE\_MONTH"  
Name: "DocUpdateMonth"  
Ticket: "BUKI-1583"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DocMonthFactors"  
Tags: [TG\_DATE, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_DEPRECATED, TG\_UNDOCUMENTED, TG\_L2]  
Description: "Document update time accurate to the month 1.0 -- current month, 0 --- 10 years ago and older.  
Temporarily disabled"  
Authors: "bochkarev"  
Responsibles: "bochkarev"  
}  
Factor {  
Index: 707  
CppName: "FI\_LR\_SOURCERANK"  
Name: "XLRSourceRank"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/XLR-SourceRank-MainPage"  
Group: "Xref"  
Tags: [TG\_DYNAMIC, TG\_LINK\_GRAPH, TG\_UNDOCUMENTED, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 708  
CppName: "FI\_LR\_MAINPAGE"  
Name: "XLRMainPage"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/XLR-SourceRank-MainPage"  
Group: "Xref"  
Tags: [TG\_DYNAMIC, TG\_LINK\_GRAPH, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Authors: "denplusplus"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 709  
CppName: "FI\_DATER\_STATS\_YEAR\_NORM\_LIKELIHOOD"  
Name: "DaterStatsYearNormLikelihood"  
Ticket: "BUKI-1619"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DaterStatsYearNormLikelihood"  
Tags: [TG\_DATE, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Likelihood function for the distribution of years in a document. Temporarily disabled"  
Authors: "bochkarev"  
Responsibles: "bochkarev"  
}  
Factor {

Index: 710  
CppName: "FI\_HOST\_NUM\_SOVETNIK"  
Name: "HostNumSovetnik"  
Ticket: "CONTENTQUALITY-45"  
Authors: ["sdormidontov"]  
Responsibles: ["ulyanov", "sdormidontov"]  
Description: "Num of Sovetnik urls"  
Tags: [TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_UNIMPLEMENTED],  
}  
Factor {  
Index: 711  
CppName: "FI\_LCM\_VAR"  
Name: "LcmVar"  
Ticket: "BUKI-1622"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/LocmVar"  
Group: "Xref"  
Tags: [TG\_DYNAMIC, TG\_LINK\_TEXT, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Dispersion in the number of query words in links."  
Authors: "alsafr"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 712  
CppName: "FI\_DATER\_STATS\_AVERAGE\_SOURCE\_SEGMENT"  
Name: "DaterStatsAverageSourceSegment"  
Ticket: "BUKI-1619"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DaterStatsAverageSourceSegment"  
Tags: [TG\_DATE, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Arithmetic mean of document date positions. Temporarily disabled"  
Authors: "bochkarev"  
Responsibles: "bochkarev"  
}  
Factor {  
Index: 713  
CppName: "FI\_DBM15\_WARES2"  
Name: "DBM15Wares2"  
Ticket: "BUKI-1300"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/RegexCtr"  
Group: "Combined Abs"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Authors: "alsafr"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 714  
CppName: "FI\_CABM"  
Name: "Cabm"  
Ticket: "BUKI-1629"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/Cabm"  
Group: "Xref"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Description: "BM with fading on the text of catalog links."  
Authors: "alsafr"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 715



CppName: "FI\_BEAST\_NQUERY\_URL\_MEAN\_POS"  
Name: "BeastNqUrlMeanPos"  
Ticket: "BUKI-1581"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BeastNqSiteMeanPos"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_BEAST, TG\_DOPP, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_365D, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_TR  
Description: "Average url position for a normalized query"  
Authors: ["solar", "vvp"]  
Responsibles: ["solar", "alsafir", "tarum", "niknik"]  
}  
Factor {  
Index: 716  
CppName: "FI\_BEAST\_NQUERY\_OWNER\_MEAN\_POS"  
Name: "BeastNqOwnerMeanPos"  
Ticket: "BUKI-1581"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BeastNqSiteMeanPos"  
Tags: [TG\_DYNAMIC, TG\_DOWNNER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_BEAST, TG\_DOPP, TG\_USER\_SEARCH\_EXTERNAL, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_365D, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_TR  
Description: "Average position of domAttr by normalized query"  
Authors: ["solar", "vvp"]  
Responsibles: ["solar", "alsafir", "tarum", "niknik"]  
}  
Factor {  
Index: 717  
CppName: "FI\_BEAST\_URL\_MEAN\_POS"  
Name: "BeastUrlMeanPos"  
Ticket: "BUKI-1581"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BeastSiteMeanPos"  
Group: "RegDocStatic"  
Tags: [TG\_STATIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_BEAST, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USENNEAT\_VER6]  
Countries: CNT\_TR  
Description: "Average url position across all queries"  
Authors: ["solar", "vvp"]  
Responsibles: ["solar", "alsafir", "tarum", "niknik"]  
}  
Factor {  
Index: 718  
CppName: "FI\_BEAST\_HOST\_MEAN\_POS"  
Name: "BeastHostMeanPos"  
Ticket: "BUKI-1581"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BeastSiteMeanPos"  
Group: "RegHostStatic"  
Tags: [TG\_STATIC, TG\_HOST, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_BEAST, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Countries: CNT\_TR  
Description: "Average host position across all queries"  
Authors: ["solar", "vvp"]

```
Responsibles: ["solar", "alsifr"]
}
Factor {
Index: 719
CppName: "FI_BEAST_URL_NUM_QUERIES"
Name: "BeastUrlNumQueries"
Ticket: "BUKI-1581"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BeastSiteNumQueries"
Group: "RegDocStatic"
Tags: [TG_STATIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,
TG_USER_EXT_DATA, TG_BEAST, TG_UNDOCUMENTED, TG_L2, TG_DEPRECATED]
Countries: CNT_TR
Description: "Number of requests per url"
Authors: ["solar", "vvp"]
Responsibles: ["solar", "alsifr"]
}
Factor {
Index: 720
CppName: "FI_BEAST_HOST_NUM_QUERIES"
Name: "BeastHostNumQueries"
Ticket: "BUKI-1581"
Wiki: "http://wiki.yandex-
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/BeastSiteNumQueries"
Group: "RegHostStatic"
Tags: [TG_STATIC, TG_HOST, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,
TG_USER_EXT_DATA, TG_BEAST, TG_UNDOCUMENTED, TG_L2, TG_USERFEAT, TG_USERFEAT_365D,
TG_NN_OVER_FEATURES_USE]
Countries: CNT_TR
Description: "Number of requests per host"
Authors: ["solar", "vvp"]
Responsibles: ["solar", "alsifr", "tarum", "niknik"]
}
Factor {
Index: 721
CppName: "FI_YABAR_HOST_BROWSE_RANK_REG"
Name: "YabarHostBrowseRank_Reg"
Ticket: ["BUKI-1652", "FACTOR-56"]
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/YaBarLogs"
Group: "RegHostStatic"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_USER_EXT_DATA, TG_LOCALIZED_COUNTRY,
TG_UNIMPLEMENTED, TG_L2]
Countries: CNT_RELEV
Description: "implementation of the algorithm described in the article ((http://wiki.yandex-
team.ru//h.yandex.net/?http%3A%2F%2Fresearch.microsoft.com%2Fen-us%2Fpeople%2Ftyliu%2Ffp032-liu.pdf
http://research.microsoft.com/en-us/people/tyliu/fp032-liu.pdf)) by large regions (TUBE)"
Authors: "akhropov"
Responsibles: "akhropov"
}
Factor {
Index: 722
CppName: "FI_REMOVED_722"
Name: "Removed_722"
Tags: [TG_REMOVED]
}
Factor {
Index: 723
CppName: "FI_SEGMENT_WORD_PORTION_FROM_MAINCONTENT"
```

Name: "SegmentWordPortionFromMainContent"  
Ticket: "BUKI-1671"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/SegmentWordPortionFromMainContent"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Proportion of document words from segments with score > 2."  
Authors: "nordic"  
Responsibles: "nordic"  
}  
Factor {  
Index: 724  
CppName: "FI\_URL\_DOMAIN\_SIMILARITY\_FIXED"  
Name: "UrlDomainSimilarityFixed"  
Ticket: "BUKI-1647"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/urldomainsimilarity"  
Group: "Dynamic"  
Tags: [TG\_HOST, TG\_DYNAMIC, TG\_URL\_TEXT, TG\_UNDOCUMENTED, TG\_REARR\_USE, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Authors: "alsafr"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 725  
CppName: "FI\_TOTAL\_DUPS"  
Name: "Total Dups"  
Ticket: FORMULATOR-185  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/IsIndexPage"  
Tags: [TG\_DOC, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Authors: "smikler"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 726  
CppName: "FI\_RANK\_BOOST\_GOODNESS"  
Name: "RankBoost Goodness"  
Ticket: ["FACTOR-32", "SEARCHSPAM-3858", "SEARCHSPAM-4133"]  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/RankBoostGoodness"  
Tags: [TG\_COMMERCIAL, TG\_OWNER, TG\_STATIC, TG\_LOCALIZED\_COUNTRY, TG\_UNDOCUMENTED, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Countries: CNT\_RU  
Description: "Site quality rank used for boosts of the Moscow commercial formula"  
Authors: ["burmisha", "sisoid"]  
Responsibles: "efedina"  
}  
Factor {  
Index: 727  
CppName: "FI\_QUERY\_DOWNER\_CLICKS\_FRC\_REG\_GEO"  
Name: "QueryDOWnerClicksFRRegGeo"  
Ticket: "QREG-31"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoClicks"  
Tags: [TG\_DYNAMIC, TG\_DOWNER, TG\_LOCALIZED\_CITY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_USER\_SEARCH\_EXTERNAL, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED,

TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICKS\_SHOWS,  
TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Authors: "esoloviev"  
Responsibles: ["esoloviev", "yazevnul", "niknik", "tarum"]  
}  
Factor {  
Index: 728  
CppName: "FI\_QUERY\_URL\_CLICKS\_FRC\_REG\_GEO"  
Name: "QueryURLClicksFRCRegGeo"  
Ticket: "QREG-31"  
Wiki: "http://wiki.yandex-  
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoClicks"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_CITY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY,  
TG\_USER\_EXT\_DATA, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT,  
TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Authors: "esoloviev"  
Responsibles: ["esoloviev", "yazevnul", "niknik", "tarum"]  
}  
Factor {  
Index: 729  
CppName: "FI\_LANGUAGE\_DISTRIBUTION"  
Name: "Language Distribution"  
Ticket: "BUKI-1396"  
Wiki: "http://wiki.yandex-  
team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/LanguageDistribution"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_UNDOCUMENTED,  
TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS,  
TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Authors: "avatar"  
Responsibles: ["avatar", "tarum", "niknik"]  
}  
Factor {  
Index: 730  
CppName: "FI\_URL\_SHOWS\_WITH\_NEXT\_PAGE\_CLICKS\_P1"  
Name: "UrlShowsWithNextPageClicksP1"  
Ticket: "BUKI-1549"  
Wiki: "http://wiki.yandex-  
team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/ShowsWithNextPageClicks"  
Group: "RegDocStatic"  
Tags: [TG\_LOCALIZED\_COUNTRY, TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY,  
TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE,  
TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Authors: "morph"  
Responsibles: ["alsifr", "tarum", "niknik"]  
}  
Factor {  
Index: 731  
CppName: "FI\_URL\_SHOWS\_WITH\_NEXT\_PAGE\_CLICKS\_P10"  
Name: "UrlShowsWithNextPageClicksP10"  
Ticket: "BUKI-1549"  
Wiki: "http://wiki.yandex-  
team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/ShowsWithNextPageClicks"  
Description: "Factor used in SelectionRank. TG\_UNUSED: should not be included in formulas to avoid feedback"  
Group: "RegDocStatic"  
Tags: [TG\_LOCALIZED\_COUNTRY, TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY,  
TG\_UNUSED, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2]  
Authors: "morph"  
Responsibles: "alsifr"

```
}
Factor {
Index: 732
CppName: "FI_URL_CLICKS_PCTR_YEAR"
Name: "QueryURLClicksPCTRYear"
AntiSeoUpperBound: 0.6
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA,
TG_REARR_USE, TG_UNUSED, TG_OFTEN_ZERO]
Ticket: "BUKI-1658"
Wiki: "http://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/QueryUrlClicksPCTRYear"
Authors: "apos"
Responsibles: "apos"
}
Factor {
Index: 733
CppName: "FI_URL_CLICKS_PCTR_YEARP"
Name: "QueryURLClicksPCTRPreviousYear"
AntiSeoUpperBound: 0.6
Ticket: "BUKI-1658"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA,
TG_REARR_USE, TG_UNUSED, TG_OFTEN_ZERO]
Wiki: "http://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/QueryUrlClicksPCTRYear"
Authors: "apos"
Responsibles: "apos"
}
Factor {
Index: 734
CppName: "FI_SMALL_WINDOW_ATTENUATION"
Name: "SmallWindowAttenuation"
Ticket: "FACTOR-28"
Wiki: "http://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/SmallWindow"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_DEPRECATED]
Responsibles: "alsafir"
}
Factor {
Index: 735
CppName: "FI_RC_SEARCH_BASE_URL_RATIONAL_SIGMOID_D3T120_AT_REQ"
Name: "RcSearchBaseUrlRationalSigmoidD3T120AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SEARCH_RAPID_CLICKS_BIGRT, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED, TG_UNUSED]
Description: "URL feature computed at the request time from rapid clicks search counters with decay of 3 days"
Ticket: "USERFEAT-1503"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
ImplementationTime: "2020-10-04"
}
Factor {
Index: 736
CppName: "FI_OWNER_CTR_WITH_NEXT_PAGE_CLICKS_P10"
Name: "OwnerCTRWithNextPageClicksP10"
Ticket: "FACTOR-30"
Wiki: "http://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/ShowsWithNextPageClicks"
```

Group: "RegHostStatic"  
Tags: [TG\_LOCALIZED\_COUNTRY, TG\_STATIC, TG\_OWNER, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_OFTEN\_ZERO, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USF, TG\_2RECEPATE\_D]  
Authors: "vvp"  
Responsibles: ["alsafr", "tarum", "niknik"]  
}  
Factor {  
Index: 737  
CppName: "FI\_COMM\_RUS"  
Name: "CommRus"  
Ticket: ["FACTOR-31", "SEARCHSPAM-3722"]  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/CommRus"  
Tags: [TG\_COMMERCIAL, TG\_DOC, TG\_STATIC, TG\_LOCALIZED\_COUNTRY, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Countries: CNT\_RU  
Description: "The weight of the document according to the one-word dictionary of commercial vocabulary"  
Authors: "sisoid"  
Responsibles: ["bikulov", "ashagarov"]  
}  
Factor {  
Index: 738  
CppName: "FI\_WIKI\_LINK\_COUNT"  
Name: "WikiLinkCount"  
Ticket: "FACTOR-54"  
Wiki: "http://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/WikiLinkCount"  
Tags: [TG\_DOC, TG\_LINK\_GRAPH, TG\_STATIC, TG\_USER, TG\_WIKIPEDIA, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1D, TG\_NN\_OVER\_FEATURES\_USE]  
Authors: ["sokirko", "bogomolov"]  
Responsibles: ["alsafr", "tarum", "niknik"]  
}  
Factor {  
Index: 739  
CppName: "FI\_URL\_IN\_LINKS\_TRIGRAMS\_STATIC"  
Name: "UrlInLinksTrigramsStatic"  
Ticket: "FACTOR-43"  
Wiki: "http://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/factordev/web/factors/UrlLinksTrigramsStatic"  
Tags: [TG\_DOC, TG\_LINK\_TEXT, TG\_STATIC, TG\_URL\_TEXT, TG\_L2, TG\_UNUSED]  
Authors: "vvp"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 740  
CppName: "FI\_LINKS\_IN\_URL\_TRIGRAMS\_STATIC"  
Name: "LinksInUrlTrigramsStatic"  
Ticket: "FACTOR-43"  
Wiki: "http://wiki.yandex-team.ru/jandeksPoisk/kachestvopoiska/factordev/web/factors/UrlLinksTrigramsStatic"  
Tags: [TG\_DOC, TG\_LINK\_TEXT, TG\_STATIC, TG\_URL\_TEXT, TG\_L2, TG\_UNUSED]  
Authors: "vvp"  
Responsibles: "alsafr"  
}  
Factor {  
Index: 741  
CppName: "FI\_UKR\_IS\_QUERY\_LANG"  
Name: "UkrIsQueryLang"

```
Ticket: "FACTOR-51"
Wiki: "http://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/UkrIsQueryLang"
Tags: [TG_QUERY_ONLY, TG_BINARY, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Shows that the request is in Ukrainian"
Authors: "vvp"
Responsibles: "alsifr"
}
Factor {
Index: 742
CppName: "FI_QUERIES_AVG_CM2"
Name: "QueriesAvgCM2"
Ticket: "FACTOR-66"
Wiki: "http://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/QueriesAvgCM2"
Tags: [TG_STATIC, TG_OWNER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COMMERCIAL, TG_L2, TG_MASCOT, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Countries: [CNT_RU, CNT_TR]
Description: "Average query commerciality"
Authors: ["burmisha", "sisoid"]
Responsibles: "efedina"
}
Factor {
Index: 743
CppName: "FI_QI_QUERY_COUNT"
Name: "QiQueryCount"
Group: "QI"
Ticket: "FACTOR-63"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA,
TG_L2, TG_USER_SEARCH_EXTERNAL, TG_DEPRECATED]
Description: "Number of requests in the group of frequency requests similar to the given one"
Authors: ["agorodilov", "morph"]
Responsibles: ["smikler", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/oldqifactors"
}
Factor {
Index: 744
CppName: "FI_QI_URL_FREQ_WEIGHTED_FRC"
Name: "QiUrlFreqWeightedFRC"
Group: "QI"
Ticket: "FACTOR-63"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_L2,
TG_DEPRECATED]
Description: "FRC groups of frequency queries similar to the given one, averaged over the sum of clicks and
impressions"
Authors: ["agorodilov", "morph"]
Responsibles: ["smikler", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/oldqifactors"
}
Factor {
Index: 745
CppName: "FI_QI_URL_FREQ_WEIGHTED_FRC_REG"
Name: "QiUrlFreqWeightedFRCReg"
Group: "QI"
Ticket: "FACTOR-63"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_REGION, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_L2, TG_DEPRECATED]
Countries: CNT_RELEV
```

Description: "FRC groups of frequency queries similar to the given one, averaged over the sum of clicks and impressions, according to regional statistics"

Authors: "morph"

Responsibles: ["smikler", "tsimkha"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/oldqifactors"

}

Factor {

Index: 746

CppName: "FI\_RC\_SEARCH\_BASE\_URL\_RATIONAL\_SIGMOID\_D1TM600\_FROZEN"

Name: "RcSearchBaseUrlRationalSigmoidD1TM600Frozen"

Group: "Rapid Clicks"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SEARCH\_RAPID\_CLICKS\_BIGRT, TG\_DATA\_FROM\_BIGRT, TG\_UNDOCUMENTED, TG\_UNUSED]

Description: "URL feature computed from rapid clicks search frozen counters with decay of 1 day"

Ticket: "USERFEAT-1503"

Authors: ["skorodumov-s"]

Responsibles: ["skorodumov-s", "tarum"]

ImplementationTime: "2020-10-04"

}

Factor {

Index: 747

CppName: "FI\_WORD\_HOST\_WIKI\_SUM"

Name: "WordHostWikiSum"

Ticket: "BUKI-1515"

Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/regwordhost"

Group: "RegWordHost"

Tags: [TG\_DYNAMIC, TG\_HOST, TG\_WIKIPEDIA, TG\_LINK\_GRAPH, TG\_DEPRECATED]

Description: "The relative popularity of the word-host pair, where word is the word from the title of the Wikipedia article and host is the host that is referenced in this article."

Authors: "smikler"

Responsibles: ["smikler", "tsimkha"]

}

Factor {

Index: 748

CppName: "FI\_REG\_WORD\_HOST\_CLICKS\_SUM"

Name: "RegWordHostClicksSum"

Ticket: "BUKI-1515"

Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/regwordhost"

Group: "RegWordHost"

Tags: [TG\_DYNAMIC, TG\_HOST, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_DEPRECATED]

Countries: CNT\_RELEV

Description: "Relative click-through rate of the triple countryId-word-host according to searches in Yandex."

Authors: "smikler"

Responsibles: ["smikler", "tsimkha"]

}

Factor {

Index: 749

CppName: "FI\_REG\_WORD\_HOST\_YABAR\_SUM"

Name: "RegWordHostYabarSum"

Ticket: "BUKI-1515"

Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/regwordhost"

Group: "RegWordHost"

Tags: [TG\_DYNAMIC, TG\_HOST, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_DEPRECATED]

Countries: CNT\_RELEV

Description: "Relative click-through rate of the triple countryId-word-host according to data from popular search engines in the logs of Bar and SimilarGroup."



Authors: "smikler"  
Responsibles: ["smikler", "tsimkha"]  
}  
Factor {  
Index: 750  
CppName: "FI\_REGEX\_MAX\_CLICK\_PERCENT\_YABAR\_REG"  
Name: "RegexMaxClickPercentYabarReg"  
Ticket: "FACTOR-11"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/regexmaxclickpercent"  
Group: "Regex"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_L2, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "Percentage of clicks on this URL among all clicks on similar queries, calculated by popular search engine"  
Authors: ["smikler", "kcd"]  
Responsibles: ["smikler", "tsimkha"]  
}  
Factor {  
Index: 751  
CppName: "FI\_YABAR\_HOST\_SURFTR\_DEPTH\_NODES\_LEAFLN"  
Name: "YabarHostSurfTrDpNdLeafLn"  
Ticket: "BUKI-1334"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HostStatistics"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SURFING\_TREE]  
Description: "Lobe length Depth Nodes calculated for hosts"  
Authors: ["atolstikov", "smikler"]  
Responsibles: ["atolstikov", "tarum", "niknik"]  
}  
Factor {  
Index: 752  
CppName: "FI\_YABAR\_HOST\_SURFTR\_NODES\_TIME\_GRDISP"  
Name: "YabarHostSurfTrNdTmGrDsp"  
Ticket: "BUKI-1334"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HostStatistics"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SURFING\_TREE]  
Description: "Angle variance in Nodes Time space calculated for hosts"  
Authors: ["atolstikov", "smikler"]  
Responsibles: ["atolstikov", "tarum", "niknik"]  
}  
Factor {  
Index: 753  
CppName: "FI\_YABAR\_HOST\_SURFTR\_NODES\_TIME\_LEADFLN90"  
Name: "YabarHostSurfTrNdTmLeafLn90"  
Ticket: "BUKI-1334"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/HostStatistics"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SURFING\_TREE]  
Description: "0.9-quantile of lobe length in Nodes Time space calculated for hosts"  
Authors: ["atolstikov", "smikler"]  
Responsibles: ["atolstikov", "tarum", "niknik"]  
}  
Factor {  
Index: 754

```
CppName: "FI_WORD_HOST_DOWNLOAD_PROBABILITY"
Name: "WordHostDownloadProbability"
Ticket: "FACTOR-44"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/regwordhost"
Group: "RegWordHost"
Tags: [TG_DYNAMIC, TG_HOST, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_DEPRECATED]
Description: "Average probability of downloading a file from a host after a click, according to the query."
Authors: ["osenzen", "smikler"]
Responsibles: ["smikler", "tsimkha"]
}
Factor {
Index: 755
CppName: "FI_NASTY_CONTENT"
Name: "NastyContent"
Ticket: ["FACTOR-113", "SEARCHSPAM-2435"]
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/NastyContent"
Tags: [TG_STATIC, TG_DOC, TG_THEME_CLASSIF, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Content nasty factor."
Authors: "melkov"
Responsibles: "alsifr"
}
Factor {
Index: 756
CppName: "FI_URL_SYNNORM_PCTR"
Name: "SynnormURLPCTR"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_SYNNORM, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Countries: CNT_RELEV
Ticket: "FACTOR-72"
Wiki: "wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/SynnormFeatures"
Description: "CTR by click data, query normalized by synsets"
Authors: ["rizar", "ekrokhalev"]
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 757
CppName: "FI_URL_SYNNORM_PCTR_REG"
Name: "SynnormURLPCTRReg"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_REGION, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_USER_EXT_DATA, TG_SYNNORM, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICKS_SHOWS, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Ticket: "FACTOR-72"
Wiki: "wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/SynnormFeatures"
Description: "Regional CTR by click data, query normalized by synsets"
Authors: ["rizar", "ekrokhalev"]
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 758
CppName: "FI_URL_QUERY_TRIGRAMS_STATIC"
Name: "UrlQueryTrigramsStatic"
Group: "RegDocStatic"
```

Tags: [TG\_LOCALIZED\_COUNTRY, TG\_STATIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_L2, TG\_SAMOHOOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_UNDOCUMENTED, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_URL\_QUERY\_TRIGRAMS]

Ticket: "FACTOR-24"

Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/UrlQueryTrigramsStatic"

Description: "Static trigrams intercection of url and queries by which users visited the url."

Authors: "vvp"

Responsibles: ["alsafr", "tarum", "niknik"]

}

Factor {

Index: 759

CppName: "FI\_ADV\_ASPAM"

Name: "AdvAspam"

Ticket: "BUKI-1757"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/AdvAspam"

Tags: [TG\_COMMERCIAL, TG\_OWNER, TG\_STATIC, TG\_UNDOCUMENTED, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]

Authors: ["burmisha", "sisoid"]

Responsibles: "efedina"

}

Factor {

Index: 760

CppName: "FI\_HAS\_PORNO\_QUERY"

Name: "HasPornoQuery"

DependsOn: [{"Feature": ["HasPornoQuery"], "Slice": "begemot\_query\_factors"}]

Ticket: "FACTOR-123"

Wiki: "https://jira.yandex-team.ru/browse/FACTOR-123"

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]

Description: "The result of the adult sorcerer's rule."

Authors: "zagrebin"

Responsibles: "smikler"

}

Factor {

Index: 761

CppName: "FI\_QU\_BM15\_WEIGHTED"

Name: "QUBm15Weighted"

Group: "Annotation"

Ticket: "FACTOR-21"

Wiki: "http://wiki.yandex-

team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/QUFactors"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_ANNOTATION\_FILTER, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD]

Description: "Weighted BM15 for a query by document index - a list of queries that were linked to it."

Authors: "alsafr"

Responsibles: "alsafr"

}

Factor {

Index: 762

CppName: "FI\_WS\_IS\_INDEX\_PAGE\_AND\_BOCM"

Name: "WeightedSumIsIndexPageBocm"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_TRANS, TG\_NN\_OVER\_FEATURES\_USE]

Ticket: "FACTOR-140"

Authors: ["burmisha", "sisoid"]

Responsibles: "sisoid"

DependsOn: [{"Feature": ["IsIndexPage", "Bocm"]}]

}

```
Factor {
Index: 763
CppName: "FI_WS_IS_INDEX_PAGE_AND_QUERY_IS_NAV_MX"
Name: "WeightedSumIsIndexPageIsNavMxQuery"
Tags: [TG_DEPRECATED, TG_DYNAMIC, TG_DOC, TG_NAV, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TRANS, TG_NN_OVER_FEATURES_USE]
Countries: CNT_RU
Ticket: "FACTOR-140"
Authors: ["burmisha", "sisoid"]
Responsibles: "sisoid"
DependsOn: [{"Feature": ["IsIndexPage", "IsNavMxQuery"]}]}
}
Factor {
Index: 764
CppName: "FI_BROWSER_HOST_DOWNLOAD_PROBABILITY"
Name: "BrowserHostDownloadProbability"
Ticket: "FACTOR-44"
Wiki: "https://jira.yandex-team.ru/browse/FACTOR-44"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_USER_SEARCH, TG_L2, TG_DEPRECATED]
Description: "Probability of jumping from the host after clicking (according to Bar's logs)."
Authors: ["osenzen", "smikler"]
Responsibles: "smikler"
}
Factor {
Index: 765
CppName: "FI_NHOP_CHAINS_COUNT_FRC"
Name: "NHopChainsCountFrc"
Group: "RegDocStatic"
Tags: [TG_STATIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_BROWSER, TG_USER_EXT_DATA, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_238D,
TG_NN_OVER_FEATURES_EAT_TG_USE]
Countries: CNT_RELEV
Ticket: "FACTOR-97"
Wiki: "wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopStatic"
Description: "Number of threads per request / (number of threads the url participated in + number of threads per
request)."
Authors: "vvp"
Responsibles: ["alsافر", "kartynnik", "tarum", "niknik"]
}
Factor {
Index: 766
CppName: "FI_NHOP_IS_FINAL"
Name: "NHopIsFinal"
Group: "RegDocStatic"
Tags: [TG_STATIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_BROWSER, TG_USER_EXT_DATA, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_238D,
TG_NN_OVER_FEATURES_EAT_TG_USE]
Countries: CNT_RELEV
Ticket: "FACTOR-97"
Wiki: "wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopStatic"
Description: "The number of threads in which the url was last, normalized by the total number of threads in which this
url was."
Authors: "vvp"
Responsibles: ["alsافر", "kartynnik", "tarum", "niknik"]
}
Factor {
Index: 767
CppName: "FI_VISITS_FROM_WIKI"
```

Name: "VisitsFromWiki"  
Group: "RegDocStatic"  
Tags: [TG\_STATIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_WIKIPEDIA, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVERFEAT\_FEATURES]  
Countries: CNT\_RELEV  
Ticket: "FACTOR-46"  
Wiki: "wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/VisitsFromWiki"  
Description: "Number of clicks to URL from Wikipedia"  
Authors: ["bogomolov", "smikler"]  
Responsibles: ["alsافر", "tarum", "niknik"]  
}  
Factor {  
Index: 768  
CppName: "FI\_RC\_SEARCH\_BASE\_URL\_CONTRAST\_D30ODD0\_9\_X\_D30T1\_FROZEN"  
Name: "RcSearchBaseUrlContrastD30Odd0\_9\_X\_D30T1Frozen"  
Group: "Rapid Clicks"  
Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_DATA\_FROM\_BIGRT, TG\_SEARCH\_RAPID\_CLICKS\_BIGRT, TG\_UNDOCUMENTED, TG\_UNUSED]  
Description: "URL feature computed from rapid clicks search frozen counters with decay of 30 days"  
Ticket: "USERFEAT-1503"  
Authors: ["skorodumov-s"]  
Responsibles: ["skorodumov-s", "tarum"]  
ImplementationTime: "2020-10-04"  
}  
Factor {  
Index: 769  
CppName: "FI\_REG\_BROWSER\_USER\_HUB"  
Name: "RegBrowserUserHub"  
Ticket: "FACTOR-120"  
Wiki: "https://jira.yandex-team.ru/browse/FACTOR-120"  
Tags: [TG\_STATIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERF]  
Countries: CNT\_RELEV  
Group: "RegDocStatic"  
Description: "Indicator of the page as a hub (how many pages Bar users go to from it)."  
Authors: ["vvp", "smikler"]  
Responsibles: ["smikler", "tarum", "niknik"]  
}  
Factor {  
Index: 770  
CppName: "FI\_AUX\_TITLE\_BM25"  
Name: "AuxTitleBM25"  
Ticket: "FACTOR-160"  
Group: "AuxBM25"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_REARR\_USE, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Description: "It is considered TextBM25 in the title by the text of the name of the user's region - similar to the factor 268."  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 771  
CppName: "FI\_BCLMF"  
Name: "Bclmf"  
Group: "Annotation"

Ticket: "FACTOR-149"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/QUFactors"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_DOC\_TEXT, TG\_LINK\_TEXT, TG\_ANNOTATION\_FILTER, TG\_DEPRECATED]  
Description: "BCLM for Annotation index, doc text and links."  
Authors: "alsifr"  
Responsibles: "alsifr"  
}  
Factor {  
Index: 772  
CppName: "FI\_NO\_PRODUCTS\_PROBABILITY"  
Name: "NoProductsProbability"  
Ticket: "COMMERCIAL-64"  
Authors: ["hygge", "alejes", "kpolitay"]  
Responsibles: ["hygge", "alejes"]  
Description: "Dssm prediction of the probability by url + title that there are no products on the page."  
Tags: [TG\_L2, TG\_NEURAL, TG\_URL\_TEXT, TG\_STATIC, TG\_NN\_OVER\_FEATURES\_USE]  
ImplementationTime: "2020-10-04"  
}  
Factor {  
Index: 773  
CppName: "FI\_PSE\_FRC\_BROWSER"  
Name: "PopularSEFRCBrowser"  
Ticket: "FACTOR-193"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/obshayaformula/tekushhiekomponenty/PopularSEFRC"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_DOPP, TG\_UNDOCUMENTED, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_POPULAR\_SE\_FRC, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "FRC of the popular browser log search engine"  
Authors: ["vvp", "zagrebin", "bogomolov"]  
Responsibles: ["alsifr", "tarum", "niknik"]  
}  
Factor {  
Index: 774  
CppName: "FI\_LOG\_CTR\_MEAN"  
Name: "LogCtrMean"  
Ticket: "FACTOR-182"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/LogCtrMean"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICKS\_SHOWS, TG\_FORMULA\_2245, TG\_DEP\_DEP\_3]  
Description: "Weighted mean of log(query\_clicks)/log(query\_shows) for given host. Weights are proportional to log(query\_shows) + 0.2."  
Authors: "tsimkha"  
Responsibles: ["tarum", "niknik"]  
}  
Factor {  
Index: 775  
CppName: "FI\_QUERY\_URL\_NHOP\_TOTAL\_FRC"  
Name: "QueryUrlNhopTotalFrc"  
Ticket: "FACTOR-145"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/NHopQueryUrl"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_NHOP, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "The number of clicks per request to the url occurring in hop chains, normalized by the total number of clicks on the request."

Authors: "vvp"

Responsibles: ["alsifr", "tarum", "niknik"]

}

Factor {

Index: 776

CppName: "FI\_QUERY\_URL\_NHOP\_IS\_FINAL"

Name: "QueryUrlNhopIsFinal"

Ticket: "FACTOR-145"

Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopQueryUrl"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_L2, TG\_SAMOHOOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_NHOP, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Probability of the url to be the last query in the hop chain."

Authors: "vvp"

Responsibles: ["alsifr", "tarum", "niknik"]

}

Factor {

Index: 777

CppName: "FI\_ONE\_PRODUCT\_PROBABILITY"

Name: "OneProductProbability"

Ticket: "COMMERCIAL-64"

Authors: ["hygge", "alejes", "kpolitay"]

Responsibles: ["hygge", "alejes"]

Description: "Dssm probability prediction by url + title that there is only one product on the page."

Tags: [TG\_L2, TG\_NEURAL, TG\_STATIC, TG\_URL\_TEXT, TG\_NN\_OVER\_FEATURES\_USE]

ImplementationTime: "2020-10-04"

}

Factor {

Index: 778

CppName: "FI\_MANY\_PRODUCTS\_PROBABILITY"

Name: "ManyProductsProbability"

Ticket: "COMMERCIAL-64"

Authors: ["hygge", "alejes", "kpolitay"]

Responsibles: ["hygge", "alejes"]

Description: "Dssm prediction of the probability by url + title that there are a lot of products on the page."

Tags: [TG\_L2, TG\_NEURAL, TG\_STATIC, TG\_URL\_TEXT, TG\_NN\_OVER\_FEATURES\_USE]

ImplementationTime: "2020-10-04"

}

Factor {

Index: 779

CppName: "FI\_RC\_SEARCH\_BASE\_URL\_RATIONAL\_SIGMOID\_D3T120\_FROZEN"

Name: "RcSearchBaseUrlRationalSigmoidD3T120Frozen"

Group: "Rapid Clicks"

Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SEARCH\_RAPID\_CLICKS\_BIGRT, TG\_DATA\_FROM\_BIGRT, TG\_UNDOCUMENTED, TG\_UNUSED]

Description: "URL feature computed from rapid clicks search frozen counters with decay of 3 days"

Ticket: "USERFEAT-1503"

Authors: ["skorodumov-s"]

Responsibles: ["skorodumov-s", "tarum"]

ImplementationTime: "2020-10-04"

}

Factor {

Index: 780

CppName: "FI\_GEO\_CITY\_URL\_HAS\_CITY"

Name: "GeoCityUrlHasCity"

Ticket: "BUKI-1125"

Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoCityUrl"  
Tags: [TG\_DOC, TG\_STATIC, TG\_STATIC\_REGINFO, TG\_URL\_TEXT, TG\_BINARY, TG\_DEPRECATED, TG\_OFTEN\_ZERO, TG\_L2]  
Description: "City level georeference defined for url according to BUKI-1125 rules"  
Authors: "denplusplus"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 781  
CppName: "FI\_GEO\_CITY\_URL\_HAS\_COUNTRY"  
Name: "GeoCityUrlHasCountry"  
Ticket: "BUKI-1125"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/GeoCityUrl"  
Tags: [TG\_DOC, TG\_STATIC, TG\_STATIC\_REGINFO, TG\_URL\_TEXT, TG\_BINARY, TG\_DEPRECATED, TG\_OFTEN\_ZERO, TG\_L2]  
Description: "Url has country-level georeference defined according to BUKI-1125 rules"  
Authors: "denplusplus"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 782  
CppName: "FI\_GEO\_RELEV\_REGION\_CITY\_GEOA"  
Name: "GeoRelevRegionCityGeoa"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "GeoRelevRegionCity factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 783  
CppName: "FI\_GEO\_RELEV\_REGION\_REGION\_GEOA"  
Name: "GeoRelevRegionRegionGeoa"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_REGION, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "GeoRelevRegionRegion factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 784  
CppName: "FI\_GEO\_GEOMETRY\_PROXIM\_GEOA"  
Name: "GeoGeometryProximGeoa"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "GeoGeometryProxim factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 785  
CppName: "FI\_GEO\_RELEV\_ALIEN\_CITY\_GEOA"  
Name: "GeoRelevAlienCityGeoa"



Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "GeoRelevAlienCity factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 786  
CppName: "FI\_GEO\_V\_QUERY\_IN\_USERS\_CITY\_GEOA"  
Name: "GeoVQueryInUserCityGeoa"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "GeoVQueryInUserCity factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 787  
CppName: "FI\_GEO\_V\_QUERY\_IN\_ALIEN\_CITY\_GEOA"  
Name: "GeoVQueryInAlienCityGeoa"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "GeoVQueryInAlienCity factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 788  
CppName: "FI\_PAGE\_REGION\_SIZE\_GEO"  
Name: "PageRegionSizeGeo"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_STATIC, TG\_STATIC\_REGINFO, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "PageRegionSize factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 789  
CppName: "FI\_PAGE\_REGION\_COVERAGE\_GEO"  
Name: "PageRegionCoverageGeo"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_STATIC, TG\_STATIC\_REGINFO, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "PageRegionCoverage factor by geoa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 790  
CppName: "FI\_PAGE\_REGION\_COVERAGE\_ADRESA"  
Name: "PageRegionCoverageAddress"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_STATIC, TG\_STATIC\_REGINFO, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]

Description: "PageRegionCoverage factor by adresa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 791  
CppName: "FI\_GEO\_RELEV\_REGION\_CITY\_ADRESA"  
Name: "GeoRelevRegionCityAddress"  
Ticket: "QREG-41"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_CITY, TG\_BINARY, TG\_UNDOCUMENTED, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "GeoRelevRegionCity factor by adresa attribute"  
Authors: "esoloviev"  
Responsibles: "esoloviev"  
}  
Factor {  
Index: 792  
CppName: "FI\_DOPP\_URL\_SESSION\_CLICKS\_FRC"  
Name: "DoppQueryUrlSessionClicksFRC"  
Ticket: "FACTOR-127"  
Wiki: "http://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/ObshayaFormula/TekushhieKomponenty/DoppQueryUrlSessionClicksFRC"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_DOPP, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_USF, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "What percentage (on average per session) of URLs clicked on this query is this url. Calculated by user sessions."  
Authors: "alsafr"  
Responsibles: ["kolesov93", "alsafr"]  
}  
Factor {  
Index: 793  
CppName: "FI\_OWNER\_IS\_ACTUAL\_SHOP"  
Name: "OwnerIsActualShop"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_COMMERCIAL]  
Description: "Ovner is a store"  
Ticket: "COMMERCIAL-62"  
Authors: ["miha715lev", "alejes"]  
Responsibles: ["miha715lev", "alejes"]  
ImplementationTime: "2020-09-30"  
}  
Factor {  
Index: 794  
CppName: "FI\_OWNER\_IS\_SERVICE"  
Name: "OwnerIsService"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_COMMERCIAL, TG\_UNUSED, TG\_UNIMPLEMENTED]  
Description: "Owner is a service"  
Ticket: "COMMERCIAL-62"  
Authors: ["miha715lev", "alejes"]  
Responsibles: ["miha715lev", "alejes"]  
}  
Factor {  
Index: 795  
CppName: "FI\_NHOP\_TEXT\_BCLM\_PLANE"  
Name: "NHopTextBclmPlane"  
Group: "Annotation"

Ticket: "FACTOR-108"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopText>"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_LOCALIZED\_COUNTRY, TG\_ANNOTATION\_FILTER, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_USERFEAT\_NHOP]

Countries: CNT\_RELEV

Description: "Bclm (plane) based on lyrics from hops."

Authors: "vvp"

Responsibles: "alsifr"

}

Factor {

Index: 796

CppName: "FI\_SAME\_QUERY\_FRC\_BROWSER"

Name: "SameQueryReturnFRCBrowser"

Ticket: "FACTOR-234"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/samequeryreturn>"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_DOPP, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_238D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SAME\_QUERY\_RETURN, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Countries: CNT\_RELEV

Description: "FRC on referrals from requests that were set by the user several times"

Authors: ["bogomolov", "vvp"]

Responsibles: ["smikler", "tarum", "niknik"]

}

Factor {

Index: 797

CppName: "FI\_QUERY\_URL\_ISBM\_CTR"

Name: "QueryURLISBMCTR"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/isbm>"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SBM, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Countries: CNT\_RELEV

Ticket: "FACTOR-65"

Description: "Average weight of impressions on the first page; clicks weight 1, non-clicks - according to the SBM\_GAMMAS table"

Authors: ["shpilman", "dprpavlin"]

Responsibles: ["dprpavlin", "tarum", "niknik"]

}

Factor {

Index: 798

CppName: "FI\_QUERY\_URL\_ISBM\_CTR\_REG"

Name: "QueryURLISBMCTRReg"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/isbm>"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SBM, TG\_2EPDRECAT5]

Ticket: "FACTOR-65"

Description: "Average weight of impressions on the first page; clicks weight 1, non-clicks - according to the SBM\_GAMMAS table. Regional version"

Authors: ["shpilman", "dprpavlin"]

Responsibles: ["dprpavlin", "tarum", "niknik"]

}

Factor {

Index: 799

CppName: "FI\_REGEX\_BEAST\_POSITION\_REG"

Name: "RegexBeastPositionReg"

```
Ticket: "FACTOR-268"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/regexbeastpositionreg"
Group: "Regex"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_BROWSER, TG_USER_EXT_DATA, TG_BEAST,
TG_LOCALIZED_COUNTRY, TG_L2, TG_DEPRECATED]
Countries: CNT_TR
Description: "half the sum of the url position score with the median position for all similar queries by bist"
Authors: ["avatar", "vvp"]
Responsibles: ["avatar", "smikler", "tsimkha"]
}
Factor {
Index: 800
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D3T0_AT_REQ"
Name: "RcSpylogHostRationalSigmoidD3T0AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed at the request time from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 801
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D3T0DTM3600_AT_REQ"
Name: "RcSpylogHostRationalSigmoidD3DTM3600AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed at the request time from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 802
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D14T0_AT_REQ"
Name: "RcSpylogHostRationalSigmoidD14T0AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed at the request time from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 803
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D14DTM3600_AT_REQ"
Name: "RcSpylogHostRationalSigmoidD14DTM3600AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed at the request time from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
```

```
Factor {
Index: 804
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOIDED_CTRD3DT0TM3600_AT_REQ"
Name: "RcSpylogHostRationalSigmoiedCTRD3DT0TM3600AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed at the request time from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 805
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOIDED_CTRD14DT0TM3600_AT_REQ"
Name: "RcSpylogHostRationalSigmoiedCTRD14DT0TM3600AtReq"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed at the request time from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 806
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D3T0_FROZEN"
Name: "RcSpylogHostRationalSigmoidD3T0Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 807
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D3T0DTM3600_FROZEN"
Name: "RcSpylogHostRationalSigmoidD3DTM3600Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 808
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D14T0_FROZEN"
Name: "RcSpylogHostRationalSigmoidD14T0Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
```

```
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 809
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOID_D14DTM3600_FROZEN"
Name: "RcSpylogHostRationalSigmoidD14DTM3600Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 810
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOIDED_CTRD3DT0TM3600_FROZEN"
Name: "RcSpylogHostRationalSigmoidedCTRD3DT0TM3600Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed from rapid clicks spy_log counters with decay of 3 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 811
CppName: "FI_RC_SPYLOG_HOST_RATIONAL_SIGMOIDED_CTRD14DT0TM3600_FROZEN"
Name: "RcSpylogHostRationalSigmoidedCTRD14DT0TM3600Frozen"
Group: "Rapid Clicks"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_BROWSER, TG_L2, TG_DATA_FROM_BIGRT, TG_UNDOCUMENTED,
TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Host feature computed from rapid clicks spy_log counters with decay of 14 days"
Ticket: "USERFEAT-1508"
Authors: ["skorodumov-s"]
Responsibles: ["skorodumov-s", "tarum"]
}
Factor {
Index: 812
CppName: "FI_COMMERCIAL_DSSM_ODD_LIKE"
Name: "CommercialDssmOddLike"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_URL_TEXT, TG_NEURAL,
TG_COMMERCIAL, TG_RTMODELS_SERVICE, TG_NN_OVER_FEATURES_USE]
Description: "Finetuned reformulations DSSM to commercial clicked bargain odd-like target from visit log"
Ticket: "FORMULA-2001"
Authors: ["alexumnov"]
Responsibles: ["alexumnov"]
ImplementationTime: "2020-11-12"
}
Factor {
Index: 813
CppName: "FI_DISTRIBUTOR_HOSTS"
Name: "DistributorHosts"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_UNIMPLEMENTED, TG_BINARY, TG_UNUSED]
Description: "Is legal video distributor"
Ticket: "SEARCHSPAM-15565"
Authors: ["bikulov"]
```

```
Responsibles: ["bikulov", "sdormidontov"]
}
Factor {
Index: 814
CppName: "FI_ONE_PRODUCT_PROBABILITY_AVG"
Name: "OneProductProbabilityAvg"
Ticket: "SEARCHSPAM-15568"
Authors: ["ulyan"]
Responsibles: ["ulyanov", "bikulov"]
Description: "Average value of feature OneProductProbability"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 815
CppName: "FI_MANY_PRODUCTS_PROBABILITY_AVG"
Name: "ManyProductsProbabilityAvg"
Ticket: "SEARCHSPAM-15568"
Authors: ["ulyan"]
Responsibles: ["ulyanov", "bikulov"]
Description: "Average value of feature ManyProductsProbability"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 816
CppName: "FI_PAY_DETECTOR_PREDICT_AVG"
Name: "PayDetectorPredictAvg"
Ticket: "SEARCHSPAM-15568"
Authors: ["ulyan"]
Responsibles: ["ulyanov", "bikulov"]
Description: "Average value of feature PayDetectorPredict"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 817
CppName: "FI_OWNER_IS_PARTNER"
Name: "OwnerIsPartner"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_COMMERCIAL, TG_UNUSED, TG_UNIMPLEMENTED]
Description: "Ovner is a partner"
Ticket: "COMMERCIAL-90"
Authors: ["miha715lev", "alejes"]
Responsibles: ["miha715lev", "alejes"]
}
Factor {
Index: 818
CppName: "FI_SHOP_IN_SHOP_URL"
Name: "ShopInShopUrl"
Tags: [TG_DOC, TG_STATIC, TG_L2, TG_OFTEN_ZERO, TG_COMMERCIAL, TG_UNUSED, TG_UNIMPLEMENTED]
Description: "Document is ShopInShop"
Ticket: "COMMERCIAL-135"
Authors: ["miha715lev", "alejes"]
Responsibles: ["miha715lev", "alejes"]
}
Factor {
Index: 819
CppName: "FI_QUERY_CONVERSION_DETECTOR_PREDICT"
Name: "QueryConversionDetectorPredict"
Ticket: "COMMERCIAL-81"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_NOT_01, TG_UNUSED]
```

Description: "The value of the query conversion rate calculated in the behemoth."  
Authors: ["alejes", "hygge"]  
Responsibles: ["alejes", "hygge"]  
MaxValue: 25.0  
MinValue: -25.0  
ImplementationTime: "2020-12-01"  
}  
Factor {  
Index: 820  
CppName: "FI\_FIO\_FROM\_ORIGINAL\_REQUEST\_BODY\_CHAIN0\_WCM"  
Name: "FioFromOriginalRequestBodyChain0Wcm"  
Ticket: "SEARCHSPEC-94"  
Description: "Factor by full name from the original request Considered by the content of the document. Algorithm: Chain0Wcm"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_UNDOCUMENTED, TG\_UNIMPLEMENTED, TG\_TEXT\_MACHINE]  
}  
Factor {  
Index: 821  
CppName: "FI\_PRODUCT\_OFFER\_ANY\_AVAILABLE"  
Name: "ProductOfferAnyAvailable"  
Ticket: "COMMERCIAL-78"  
Authors: ["hygge", "alejes"]  
Responsibles: ["hygge", "alejes"]  
Description: "At least one offer from the parsed schema has an availability status."  
Tags: [TG\_L2, TG\_STATIC, TG\_OFTEN\_ZERO]  
ImplementationTime: "2020-04-07"  
}  
Factor {  
Index: 822  
CppName: "FI\_PRODUCT\_OFFER\_NO\_PRODUCTS"  
Name: "ProductOfferNoProducts"  
Ticket: "COMMERCIAL-78"  
Authors: ["hygge", "alejes"]  
Responsibles: ["hygge", "alejes"]  
Description: "There are no offers in the parsed scheme."  
Tags: [TG\_L2, TG\_STATIC]  
ImplementationTime: "2020-04-07"  
}  
Factor {  
Index: 823  
CppName: "FI\_BAD\_YTIER\_URL"  
Name: "BadYtierUrl"  
Tags: [TG\_STATIC, TG\_DOC, TG\_UNUSED, TG\_UNIMPLEMENTED, TG\_OFTEN\_ZERO, TG\_USER\_SEARCH, TG\_META, TG\_L3, TG\_PRS]  
Authors: "hommforever"  
Responsibles: ["hommforever"]  
Ticket: "SEARCHSPEC-25"  
Wiki: ""  
DependsOn: []  
Description: "The url from ytier is known to have low quality content"  
}  
Factor {  
Index: 824  
CppName: "FI\_NORM\_YTIER\_URL"  
Name: "NormYtierUrl"  
Tags: [TG\_STATIC, TG\_DOC, TG\_UNUSED, TG\_UNIMPLEMENTED, TG\_OFTEN\_ZERO, TG\_USER\_SEARCH, TG\_META, TG\_L3, TG\_PRS]  
Authors: "hommforever"



```
Responsibles: ["hommforever"]
Ticket: "SEARCHSPEC-25"
Wiki: ""
DependsOn: []
Description: "The url from ytier is known to have acceptable quality content"
}
Factor {
Index: 825
CppName: "FI_GOOD_YTIER_URL"
Name: "GoodYtierUrl"
Tags: [TG_STATIC, TG_DOC, TG_UNUSED, TG_UNIMPLEMENTED, TG_OFTEN_ZERO, TG_USER_SEARCH, TG_META,
TG_L3, TG_PRS]
Authors: "hommforever"
Responsibles: ["hommforever"]
Ticket: "SEARCHSPEC-25"
Wiki: ""
DependsOn: []
Description: "The url from ytier is known to have good quality content"
}
Factor {
Index: 826
CppName: "FI_BEST_YTIER_URL"
Name: "BestYtierUrl"
Tags: [TG_STATIC, TG_DOC, TG_UNUSED, TG_UNIMPLEMENTED, TG_OFTEN_ZERO, TG_USER_SEARCH, TG_META,
TG_L3, TG_PRS]
Authors: "hommforever"
Responsibles: ["hommforever"]
Ticket: "SEARCHSPEC-25"
Wiki: ""
DependsOn: []
Description: "The url from ytier is known to have great quality content"
}
Factor {
Index: 827
CppName: "FI_HOST_IS_ECOM_PURCHASE"
Name: "HostIsEcomPurchase"
Ticket: "COMMERCIAL-124"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
Description: "The host has an ECOM purchase."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 828
CppName: "FI_HOST_IS_VISIT_LOGS_PURCHASE"
Name: "HostIsVisitLogsPurchase"
Ticket: "COMMERCIAL-124"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
Description: "There is a VISIT LOG purchase on the host."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 829
CppName: "FI_YANDEX_MARKET_PRODUCT_URL"
Name: "YandexMarketProductUrl"
Tags: [TG_DOC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Description: "URL is a product on Market."
```

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Ticket: "COMMERCIAL-128"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
# ImplementationTime: "2020-12-04"
}
Factor {
Index: 830
CppName: "FI_YANDEX_MARKET_PRODUCT_INCLUDE_OFFERID_URL"
Name: "YandexMarketProductIncludeOfferidUrl"
Tags: [TG_DOC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Description: "The URL is a product on the Market and has an offerid."
Ticket: "COMMERCIAL-128"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
# ImplementationTime: "2020-12-04"
}
Factor {
Index: 831
CppName: "FI_SHOP_IN_SHOP_CPA_URL"
Name: "ShopInShopCPAUrl"
Tags: [TG_DYNAMIC, TG_DOC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED,
TG_UNIMPLEMENTED]
Description: "URL is ShopInShopCPA."
Ticket: "COMMERCIAL-183"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
# ImplementationTime: "2020-03-18"
}
Factor {
Index: 832
CppName: "FI_PRODUCT_OFFER_NOT_AVAILABLE"
Name: "ProductOfferNotAvailable"
Ticket: "COMMERCIAL-78"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
Description: "At least one offer from the parsed schema has an unavailable status."
Tags: [TG_L2, TG_STATIC, TG_OFTEN_ZERO]
ImplementationTime: "2020-04-07"
}
Factor {
Index: 833
CppName: "FI_OWNER_IS_ECOM_PURCHASE"
Name: "OwnerIsEcomPurchase"
Ticket: "COMMERCIAL-124"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
Description: "The owner has an ECOM purchase."
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED]
ImplementationTime: "2020-12-17"
}
Factor {
Index: 834
CppName: "FI_OWNER_IS_VISIT_LOGS_PURCHASE"
Name: "OwnerIsVisitLogsPurchase"
Ticket: "COMMERCIAL-124"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
Description: "The owner has a VISIT LOG purchase."
```

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Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 835
CppName: "FI_NAV_PARASITES"
Name: "NavParasites"
Ticket: "FACTOR-2471"
Authors: ["hygge", "alejes", "polandr"]
Responsibles: ["hygge", "alejes"]
Description: "Dssm predicts the probability by url + title that the document is a freeloader."
Tags: [TG_L2, TG_NEURAL, TG_URL_TEXT, TG_STATIC, TG_NOT_01, TG_UNUSED,
TG_ALLOW_USE_FOR_SPAM_FORMULAS]
ImplementationTime: "2022-01-01"
MinValue: -0.5
MaxValue: 1.5
}
Factor {
Index: 836
CppName: "FI_OFFER_AVAILABILITY_IS_SET_UP"
Name: "OfferAvailabilityIsSetUp"
Ticket: "COMMERCIAL-186"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
Description: "The PartnerOfferContent available field is set in the offer from the new parser."
Tags: [TG_L2, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 837
CppName: "FI_OFFER_AVAILABILITY"
Name: "Offer Availability"
Ticket: "COMMERCIAL-186"
Authors: ["hygge", "alejes"]
Responsibles: ["hygge", "alejes"]
Description: "In the offer from the new parser, the field PartnerOfferContent available == true."
Tags: [TG_L2, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 838
CppName: "FI_URL_CLICKS_MAX_GEO_CITY_FRC_WEIGHT"
Name: "URLClicksMaxGeoCityFRCWeight"
Ticket: "FACTOR-36"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/URLClicksMaxGeoCityFRC"
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_GEOCLICKS]
Description: "Normalized corrected clicks count by query with user's city(gc=) mentioned"
Authors: "esoloviev"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 839
CppName: "FI_URL_CLICKS_MAX_GEO_CITY_FRC_RATIO"
Name: "URLClicksMaxGeoCityFRCRatio"
Ticket: "FACTOR-36"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/URLClicksMaxGeoCityFRC"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_GEOCLICKS]
Description: "Normalized corrected clicks maximum ratio by query with user's city(gc=) mentioned"
Authors: "esoloviev"
```

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Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 840
CppName: "FI_URL_CLICKS_MAX_ALIEN_GEO_CITY_FRC_RATIO"
Name: "URLClicksMaxGeoAlienCityFRCRatio"
Ticket: "FACTOR-36"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/URLClicksMaxGeoCityFRC"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_CITY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_GEOCLICKS]
Description: "Normalized corrected clicks maximum ratio by query with not user's city(gc=) mentioned"
Authors: "esoloviev"
Responsibles: ["tarum", "niknik"]
}
Factor {
Index: 841
CppName: "FI_FAST_MX"
Name: "FastMx"
Ticket: "FACTOR-271"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/FastMx"
Tags: [TG_DOC, TG_DYNAMIC, TG_TRANS, TG_UNUSED]
Authors: ["vmordovin", "sisoid"]
Responsibles: ["vmordovin", "sisoid"]
}
Factor {
Index: 842
CppName: "FI_PURCHASE_TOTAL_PREDICT"
Name: "PurchaseTotalPredict"
Ticket: "COMMERCIAL-190"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_NOT_01, TG_UNUSED,
TG_UNIMPLEMENTED]
Description: "PurchaseTotalPredict value calculated in hippopotamus."
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
MinValue: -10
MaxValue: 10
}
Factor {
Index: 843
CppName: "FI_SERP_SUMMARY_SURPLUS_PREDICT"
Name: "SerpSummarySurplusPredict"
Ticket: "COMMERCIAL-190"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_UNUSED,
TG_UNIMPLEMENTED]
Description: "The SerpSummarySurplusPredict value calculated in the behemoth."
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
}
Factor {
Index: 844
CppName: "FI_YABAR_URL_REVISITS"
Name: "YabarUrlRevisits"
Wiki: "http://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/Revisits"
Ticket: "FACTOR-186"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_REVISITS]
Description: "Returning user to url"
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Authors: ["shpilman", "atolstikov"]
Responsibles: ["atolstikov", "tarum", "niknik"]
}
Factor {
Index: 845
CppName: "FI_REQUEST_WITH_120_D3_CLICK_PART_PREDICT"
Name: "RequestWith120D3ClickPartPredict"
Ticket: "COMMERCIAL-190"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_NOT_01, TG_UNUSED,
TG_UNIMPLEMENTED]
Description: "The value of RequestWith120D3ClickPartPredict calculated in the behemoth."
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
MinValue: -10
MaxValue: 110
}
Factor {
Index: 846
CppName: "FI_QUERY_NAV_PARASITES_DETECTOR_PREDICT"
Name: "QueryNavParasitesDetectorPredict"
Ticket: "COMMERCIAL-190"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_UNUSED]
Description: "The value of the Freeloader Query Detector calculated in Behemoth."
Authors: ["alejes", "hygge", "i-vainn"]
Responsibles: ["alejes", "hygge"]
ImplementationTime: "2022-01-01"
}
Factor {
Index: 847
CppName: "FI_BROWSER_HOST_CNT_DWELL_TIME_LOG"
Name: "BrowserHostCntDwellTimeLog"
Group: "RegHostStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/YabarUrlVisitsRegions"
Ticket: "FACTOR-324"
Tags: [TG_STATIC, TG_USER, TG_HOST, TG_BROWSER, TG_LOCALIZED_COUNTRY, TG_L2,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_REG_SITE_BROWSER]
Countries: CNT_RELEV
Description: "Logarithm of the average time spent by a user on a host with localization by country; calculated from
Yabar logs"
Authors: ["gotmanov", "vvp", "esoloviev"]
Responsibles: ["gotmanov", "alsifr"]
}
Factor {
Index: 848
CppName: "FI_BROWSER_HOST_DWELL_TIME_REGION_FRC"
Name: "BrowserHostDwellTimeRegionFrc"
Group: "RegHostStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/YabarUrlVisitsRegions"
Ticket: "FACTOR-324"
Tags: [TG_STATIC, TG_USER, TG_HOST, TG_BROWSER, TG_LOCALIZED_REGION, TG_L2,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_REG_SITE_BROWSER]
Description: "The ratio of dwell time on a host in this region to dwell time on a host across all regions"
Authors: ["gotmanov", "vvp", "esoloviev"]
Responsibles: ["gotmanov"]
}
Factor {
Index: 849
CppName: "FI_BROWSER_URL_DWELL_TIME_REGION_FRC"
```

Name: "BrowserUrlDwellTimeRegionFrc"  
Group: "RegDocStatic"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/YabarUrlVisitsRegions"  
Ticket: "FACTOR-324"  
Tags: [TG\_STATIC, TG\_USER, TG\_DOC, TG\_BROWSER, TG\_LOCALIZED\_REGION, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_REG\_SITE\_BROWSER]  
Description: "The ratio of dwell time on a page in this region to dwell time on a page for all regions"  
Authors: ["gotmanov", "vvp", "esoloviev"]  
Responsibles: ["gotmanov"]  
}  
Factor {  
Index: 850  
CppName: "FI\_BROWSER\_BOOKMARKS\_URL"  
Name: "BrowserBookmarksUrl"  
Ticket: "FACTOR-310"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BrowserBookmarks"  
Tags: [TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_DOC, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The more users add to bookmarks a url, the more factor value it has"  
Authors: ["pavelgur", "vvp"]  
Responsibles: ["pavelgur", "tarum", "niknik"]  
}  
Factor {  
Index: 851  
CppName: "FI\_SOS\_DSSM"  
Name: "SosDssm"  
Ticket: "FACTOR-2475"  
Authors: ["hygge", "alejes", "anrodigina", "hommforever"]  
Responsibles: ["hygge", "alejes"]  
Description: "Predict sos.dssm model by url + title."  
Tags: [TG\_L2, TG\_NEURAL, TG\_URL\_TEXT, TG\_STATIC, TG\_NOT\_01, TG\_USED\_IN\_CONF\_REARR]  
MinValue: -1  
MaxValue: 1  
ImplementationTime: "2021-03-31"  
}  
Factor {  
Index: 852  
CppName: "FI\_MED\_DSSM"  
Name: "MedDssm"  
Ticket: "FACTOR-2475"  
Authors: ["hygge", "alejes", "anrodigina", "hommforever"]  
Responsibles: ["hygge", "alejes"]  
Description: "Predict med.dssm model by url + title."  
Tags: [TG\_L2, TG\_NEURAL, TG\_URL\_TEXT, TG\_STATIC, TG\_NOT\_01, TG\_USED\_IN\_CONF\_REARR]  
MinValue: -10  
MaxValue: 10  
ImplementationTime: "2021-03-31"  
}  
Factor {  
Index: 853  
CppName: "FI\_FIN\_LAW\_DSSM"  
Name: "FinLawDssm"  
Ticket: "FACTOR-2475"  
Authors: ["hygge", "alejes", "anrodigina", "hommforever"]  
Responsibles: ["hygge", "alejes"]  
Description: "Predict fin\_law.dssm model by url + title."  
Tags: [TG\_L2, TG\_NEURAL, TG\_URL\_TEXT, TG\_STATIC, TG\_UNUSED, TG\_UNIMPLEMENTED]

```

}
Factor {
Index: 854
CppName: "FI_WIKI_INFOBOX"
Name: "WikiInfobox"
Ticket: "FACTOR-85"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/WikiInfobox"
Tags: [TG_STATIC, TG_DOC, TG_WIKIPEDIA, TG_USER, TG_LINK_GRAPH, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1D, TG_NN_OVER_FEATURES_USE]
Description: "This URL is linked from Infoboxes on Wikipedia."
Authors: ["dimavin", "smikler"]
Responsibles: ["dimavin", "smikler", "tarum", "niknik"]
}
Factor {
Index: 855
CppName: "FI_CRUELTY_DSSM"
Name: "CrueltyDssm"
Ticket: "FACTOR-2476"
Authors: ["hygge", "alejes", "anrodigina", "hommforever"]
Responsibles: ["hygge", "alejes"]
Description: "Predict cruelty.dssm model by url + title."
Tags: [TG_L2, TG_NEURAL, TG_URL_TEXT, TG_STATIC, TG_UNUSED, TG_USED_IN_CONF_REARR, TG_NOT_01]
MinValue: -10
MaxValue: 10
}
Factor {
Index: 856
CppName: "FI_HALF_ECOM_PREDICT"
Name: "HalfEcomPredict"
Ticket: "COMMERCIAL-190"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_L2, TG_QUERY_DETECTOR_PREDICT, TG_UNUSED,
TG_UNIMPLEMENTED]
Description: "HalfEcomPredict value calculated in hippopotamus."
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
}
Factor {
Index: 857
CppName: "FI_PREFIX_SUFFIX_MAX_CLICK_PERCENT_REG"
Name: "PrefixSuffixMaxClickPercentReg"
Ticket: "FACTOR-396"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/regexmaxclickpercent"
Group: "Regex"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_L2, TG_DEPRECATED]
Countries: CNT_RELEV
Description: "A factor similar to RegexMaxClickPercentReg, but calculated from the prefix-suffix generalization."
Authors: ["smikler"]
Responsibles: ["smikler", "tsimkha", "yustuken"]
}
Factor {
Index: 858
CppName: "FI_PREFIX_SUFFIX_MAX_CLICK_PERCENT_YABAR_REG"
Name: "PrefixSuffixMaxClickPercentYabarReg"
Ticket: "FACTOR-396"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/regexmaxclickpercent"
Group: "Regex"

```

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_L2, TG\_DEPRECATED]  
Countries: CNT\_RELEV  
Description: "Factor similar to RegexMaxClickPercentYabarReg, but calculated from prefix-suffix generalization."  
Authors: ["smikler"]  
Responsibles: ["smikler", "tsimkha", "yustuken"]  
}  
Factor {  
Index: 859  
CppName: "FI\_DSSM\_NAVIGATION\_L2"  
Name: "DssmNavigationL2"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_L2]  
Description: "Request-document navigation model."  
UseArtifact: {Name: "DssmNavigationL2"}  
Ticket: "SEARCH-10934"  
Authors: ["hygge", "alejes", "arrin"]  
Responsibles: ["hygge", "alejes"]  
ImplementationTime: "2021-03-31"  
}  
Factor {  
Index: 860  
CppName: "FI\_YABAR\_HOST\_SURFTR\_NODES\_HANGS\_GRADIENT"  
Name: "YabarHostSurfTrNdHgGr"  
Ticket: "FACTOR-112"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/SurfTr-Hangs"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_L2, TG\_DEPRECATED]  
Description: "Average tilt angle in the vertex-hover plane"  
Authors: ["atolstikov", "osenzen"]  
Responsibles: "atolstikov"  
}  
Factor {  
Index: 861  
CppName: "FI\_QUERY\_URL\_CORRECTED\_CTR\_XFACTOR"  
Name: "QueryUrlCorrectedCtrXfactor"  
Ticket: "FACTOR-397"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_COLLABORATED, TG\_USER, TG\_L2, TG\_DEPRECATED, TG\_REMOVED]  
Countries: [CNT\_ALL, CNT\_TR]  
Description: "Url query factor. Value is the result of collaborative data filtering for the QueryUrlCorrectedCtr factor"  
Authors: ["avatar", "vvp", "alsafir"]  
Responsibles: ["avatar", "alsafir"]  
}  
Factor {  
Index: 862  
CppName: "FI\_FULL\_MATRIX\_NET"  
Name: "FullMatrixNet"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_TRANS, TG\_UNUSED]  
Ticket: "SAASSUP-3320"  
Authors: ["derrior"]  
Responsibles: ["derrior"]  
Description: "MatrixNet Slow Ranking Model Value."  
}  
Factor {  
Index: 863  
CppName: "FI\_FAST\_MATRIX\_NET"  
Name: "FastMatrixNet"



```
Tags: [TG_DOC, TG_DYNAMIC, TG_TRANS, TG_UNUSED]
Ticket: "SAASSUP-3320"
Authors: ["derrior"]
Responsibles: ["derrior"]
Description: "MatrixNet fast ranking model value."
}
Factor {
Index: 864
CppName: "FI_FILTER_MATRIX_NET"
Name: "FilterMatrixNet"
Tags: [TG_DOC, TG_DYNAMIC, TG_TRANS, TG_UNUSED]
Ticket: "SAASSUP-3320"
Authors: ["derrior"]
Responsibles: ["derrior"]
Description: "The MatrixNet value of the filter model."
}
Factor {
Index: 865
CppName: "FI_SMALL_WINDOW_ATTENUATION_Q"
Name: "SmallWindowAttenuationQ"
Ticket: "FACTOR-441"
Wiki: "http://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/SmallWindow"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_DEPRECATED]
Authors: "alsifr"
Responsibles: "alsifr"
}
Factor {
Index: 866
CppName: "FI_QUERY_DOC_TITLE_RANGES_MATCHING_SCORE"
Name: "QueryDocTitleRangesMatchingScore"
Ticket: "FACTOR-353"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDocTitleRanges"
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Factor by the text of the request and the title (title) of the document, evaluation of the correspondence
of numerical ranges with marker words"
Authors: ["gotmanov", "magaz"]
Responsibles: ["gotmanov", "magaz"]
}
Factor {
Index: 867
CppName: "FI_FULL_POLYNOM"
Name: "FullPolynom"
Tags: [TG_DOC, TG_DYNAMIC, TG_UNUSED, TG_TRANS]
Ticket: "SAAS-6009"
Authors: ["derrior"]
Responsibles: ["derrior"]
Description: "The Polynom value of the slow ranking model."
}
Factor {
Index: 868
CppName: "FI_FAST_POLYNOM"
Name: "FastPolynom"
Tags: [TG_DOC, TG_DYNAMIC, TG_UNUSED, TG_TRANS]
Ticket: "SAAS-6009"
Authors: ["derrior"]
Responsibles: ["derrior"]
```

```
Description: "The Polynom value of the fast ranking model."
}
Factor {
Index: 869
CppName: "FI_FILTER_POLYNOM"
Name: "FilterPolynom"
Tags: [TG_DOC, TG_DYNAMIC, TG_UNUSED, TG_TRANS]
Ticket: "SAAS-6009"
Authors: ["derrior"]
Responsibles: ["derrior"]
Description: "The Polynom value of the filtering ranking model."
}
Factor {
Index: 870
CppName: "FI_IS_TRANSLATED_DOCUMENT"
Name: "IsTranslatedDocument"
Tags: [TG_DOC, TG_STATIC, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Ticket: "MT-14803"
Authors: ["bvshuryg"]
Responsibles: ["bvshuryg"]
Description: "Indicator that the document was received by machine translation"
}
Factor {
Index: 871
CppName: "FI_MED_DSSM_WITH_TRASH"
Name: "MedDssmWithTrash"
Ticket: "SENS-177"
Authors: ["hygge", "alejes", "anrodigina", "hommforever", "nenashevna"]
Responsibles: ["hygge", "alejes"]
Description: "Prediction med_with_trash.dssm (med. document model with trash added to lern) model by url + title."
MinValue: -2.0
MaxValue: 2.0
Tags: [TG_L2, TG_NEURAL, TG_URL_TEXT, TG_STATIC, TG_UNUSED, TG_UNIMPLEMENTED, TG_NOT_01]
}
Factor {
Index: 872
CppName: "FI_FIN_LAW_DSSM_WITH_TRASH"
Name: "FinLawDssmWithTrash"
Ticket: "SENS-177"
Authors: ["hygge", "alejes", "anrodigina", "hommforever", "nenashevna"]
Responsibles: ["hygge", "alejes"]
Description: "Prediction fin_law_with_trash.dssm (Fin-law document model with trash added to lern) model by url + title."
MinValue: -2.0
MaxValue: 2.0
Tags: [TG_L2, TG_NEURAL, TG_URL_TEXT, TG_STATIC, TG_UNUSED, TG_NOT_01, TG_USED_IN_CONF_REARR]
}
Factor {
Index: 873
CppName: "FI_FIO_FROM_ORIGINAL_REQUEST_BODY_MIN_WINDOW_SIZE"
Name: "FioFromOriginalRequestBodyMinWindowSize"
Ticket: "SEARCHSPEC-94"
Description: "Factor by full name from the original request Considered by the content of the document. The minimum size of the window, which includes all the words of the request. Normalized by the number of words in the request."
Tags: [TG_DOC, TG_DOC_TEXT, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
ImplementationTime: "2021-08-30"
}
Factor {
```

Index: 874

CppName: "FI\_FIO\_FROM\_ORIGINAL\_REQUEST\_TEXT\_COSINE\_MATCH\_MAX\_PREDICTION"

Name: "FioFromOriginalRequestTextCosineMatchMaxPrediction"

Ticket: "SEARCHSPEC-94"

Description: "Factor by full name from original request Document text. Algorithm CosineMatchMaxPrediction."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_UNDOCUMENTED, TG\_UNIMPLEMENTED, TG\_TEXT\_MACHINE]

}

Factor {

Index: 875

CppName: "FI\_ALL\_FIO\_FROM\_ORIGINAL\_REQUEST\_ALL\_MAX\_F\_BODY\_CHAIN0\_WCM"

Name: "AllFioFromOriginalRequestAllMaxFBodyChain0Wcm"

Ticket: "SEARCHSPEC-94"

Description: "Factor by all full names from the original request Aggregation by all extensions. Aggregation type by extensions: the largest value of the factor; Calculated by the document content. Algorithm: Chain0Wcm"

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_UNDOCUMENTED, TG\_UNIMPLEMENTED, TG\_TEXT\_MACHINE]

}

Factor {

Index: 876

CppName: "FI\_ALL\_FIO\_FROM\_ORIGINAL\_REQUEST\_ALL\_MAX\_F\_BODY\_MIN\_WINDOW\_SIZE"

Name: "AllFioFromOriginalRequestAllMaxFBodyMinWindowSize"

Ticket: "SEARCHSPEC-94"

Description: "Factor by all full names from the original request Aggregation by all extensions. Type of aggregation by extensions: the largest value of the factor; Calculated by the content of the document. The minimum size of the window that includes all the words of the query. Normalized by the number of words in the query."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_UNDOCUMENTED, TG\_UNIMPLEMENTED, TG\_TEXT\_MACHINE]

}

Factor {

Index: 877

CppName: "FI\_SP\_AVG\_CLICK\_FRC\_SYN\_REG"

Name: "SamplePeriodClickFrcSyn"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_SYNNORM, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USF\_SAMPLE\_PERIOD, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Share of URLs in the total number of URLs clicked per session for a query (synnorm)."

Authors: "monnoroch"

Responsibles: ["monnoroch", "alsafr", "tarum", "niknik"]

Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod>"

Ticket: "FACTOR-442"

}

Factor {

Index: 878

CppName: "FI\_SP\_AVG\_TOTAL\_FRC\_SYN\_REG"

Name: "SamplePeriodDayFrcSyn"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_SYNNORM, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USF\_SAMPLE\_PERIOD, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "The average share of clicks on this URL for this query among all clicks on this query (synnorm) during the day."

Authors: "monnoroch"

Responsibles: ["monnoroch", "alsafr", "tarum", "niknik"]

Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod>"

Ticket: "FACTOR-442"

}

Factor {

Index: 879

CppName: "FI\_SP\_AVG\_TOTAL\_FRC\_REG"

Name: "SamplePeriodDayFrc"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USF\_SAMPLE\_PERIOD, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "The average share of clicks on this URL for this query among all clicks on this query (qnorm) during the day."  
Authors: "monnoroch"  
Responsibles: ["monnoroch", "alsafr", "tarum", "niknik"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/sampleperiod"  
Ticket: "FACTOR-442"  
}  
Factor {  
Index: 880  
CppName: "FI\_QI\_QUERY\_URL\_CORRECTED\_CTR\_XFACTOR"  
Name: "QiQueryUrlCorrectedCtrXfactor"  
Group: "QI"  
Ticket: "FACTOR-306"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/qiuserdata"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_USER\_EXT\_DATA, TG\_COLLABORATED, TG\_USER, TG\_L2, TG\_DEPRECATED, TG\_REMOVED]  
Countries: [CNT\_ALL, CNT\_TR]  
Description: "QI version of factor 861. MaxValue over the set of popular similar queries."  
Authors: "tsimkha"  
Responsibles: ["smikler", "tsimkha"]  
}  
Factor {  
Index: 881  
CppName: "FI\_QI\_QUERY\_URL\_ISBM\_CTR\_REG"  
Name: "QiQueryURLISBMCTRReg"  
Group: "QI"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/qiuserdata"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_USER\_EXT\_DATA, TG\_L2, TG\_DEPRECATED]  
Ticket: "FACTOR-306"  
Description: "QI version of factor 798. MaxValue over the set of popular similar queries."  
Authors: "tsimkha"  
Responsibles: ["smikler", "tsimkha"]  
}  
Factor {  
Index: 882  
CppName: "FI\_ALL\_FIO\_FROM\_ORIGINAL\_REQUEST\_ALL\_MAX\_F\_TEXT\_COSINE\_MATCH\_MAX\_PREDICTION"  
Name: "AllFioFromOriginalRequestAllMaxFTextCosineMatchMaxPrediction"  
Ticket: "SEARCHSPEC-94"  
Description: "Factor by all full names from the original request. Aggregation by all extensions. Aggregation type by extensions: highest factor value; Document text. CosineMatchMaxPrediction algorithm."  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_UNDOCUMENTED, TG\_UNIMPLEMENTED, TG\_TEXT\_MACHINE]  
}  
Factor {  
Index: 883  
CppName: "FI\_DSSM\_PAGE\_QUALITY"  
Name: "DssmPageQuality"  
Ticket: "SEARCH-11378, SEARCHSPEC-172"  
Authors: ["jullak"]  
Responsibles: ["nenashevna", "hommforever", "jullak"]  
Description: "Dssm predicting the page quality score for a document"  
Tags: [TG\_DEPRECATED, TG\_NEURAL, TG\_STATIC, TG\_URL\_TEXT, TG\_DOC]  
ImplementationTime: "2021-11-25"

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}
Factor {
Index: 884
CppName: "FI_HAS_TURBO_ECOM"
Name: "HasTurboEcom"
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV, TG_UNIMPLEMENTED]
Ticket: "SEARCHSPAM-15910"
Authors: ["bikulov"]
Responsibles: ["bikulov", "ulyanov"]
}
Factor {
Index: 885
CppName: "FI_MEMORANDUM_URL_TYPE"
Name: "MemorandumUrlType"
Tags: [TG_DOC, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
Ticket: "CONTENTQUALITY-169"
Authors: ["makkolts"]
Responsibles: ["makkolts", "sdormidontov"]
}
Factor {
Index: 886
CppName: "FI_SP_AVG_TOTAL_FRC_XFACTOR_REG"
Name: "SamplePeriodDayFrcXfactor"
Ticket: "FACTOR-506"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiodXfactor"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LOCALIZED_COUNTRY,
TG_COLLABORATED, TG_USER, TG_L2, TG_DEPRECATED, TG_REMOVED]
Countries: [CNT_EN]
Description: "Request-url factor. Value is the result of collaborative data filtering for the SamplePeriodDayFrc factor"
Authors: ["avatar", "monnoroch", "alsafr"]
Responsibles: ["avatar", "monnoroch"]
}
Factor {
Index: 887
CppName: "FI_FAST_FILTER_MATRIX_NET"
Name: "FastFilterMatrixNet"
Tags: [TG_DOC, TG_DYNAMIC, TG_UNUSED, TG_TRANS]
Ticket: "SAAS-5758"
Authors: ["one million"]
Responsibles: ["one million"]
Description: "The MatrixNet value of the fast filtering model."
}
Factor {
Index: 888
CppName: "FI_FAST_FILTER_POLYNOM"
Name: "FastFilterPolynom"
Tags: [TG_DOC, TG_DYNAMIC, TG_UNUSED, TG_TRANS]
Ticket: "SAAS-5758"
Authors: ["one million"]
Responsibles: ["one million"]
Description: "The Polynom value of the fast filtering ranking model."
}
Factor {
Index: 889
CppName: "FI_QI_SP_AVG_TOTAL_FRC_REG"
Name: "QiSamplePeriodDayFrc"
Group: "Qi"

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```
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/sampleperiod"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_REGION, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_USER_EXT_DATA, TG_L2, TG_DEPRECATED]
Ticket: "FACTOR-442"
Description: "QI version of factor 879."
Authors: "monnoroch"
Responsibles: ["monnoroch", "tsimkha"]
}
Factor {
Index: 890
CppName: "FI_META_MATRIX_NET"
Name: "MetaMatrixNet"
Tags: [TG_DOC, TG_DYNAMIC, TG_TRANS, TG_UNUSED]
Ticket: "SAASSUP-3741"
Authors: ["one million"]
Responsibles: ["one million"]
Description: "Meta MatrixNet value."
}
Factor {
Index: 891
CppName: "FI_META_POLYNOM"
Name: "MetaPolynom"
Tags: [TG_DOC, TG_DYNAMIC, TG_TRANS, TG_UNUSED]
Ticket: "SAASSUP-3741"
Authors: ["one million"]
Responsibles: ["one million"]
Description: "Meta Polynom value."
}
Factor {
Index: 892
CppName: "FI_SHORT_VIDEO"
Name: "ShortVideo"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Ticket: "SEARCHPLAY-24"
Authors: ["bbetrozova"]
Responsibles: ["bbetrozova", "alejes"]
Description: "A document is a short video (tiktok, reels, shorts)."
}
Factor {
Index: 893
CppName: "FI_TELEGRAM_CHANNEL_WEB"
Name: "TelegramChannelWebFormat"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Ticket: "SEARCHPLAY-49"
Authors: ["bbetrozova"]
Responsibles: ["bbetrozova", "alejes"]
Description: "Document - telegram channel in web format."
}
Factor {
Index: 894
CppName: "FI_TELEGRAM_POST"
Name: "TelegramPost"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Ticket: "SEARCHPLAY-49"
Authors: ["bbetrozova"]
Responsibles: ["bbetrozova", "alejes"]
Description: "Document - a post in a telegram."
}
```

```
Factor {
Index: 895
CppName: "FI_CORRECTED_CTR_ANNOTATION_MATCH_PREDICTION"
Name: "CorrectedCtrAnnotationMatchPrediction"
Ticket: "FACTOR-468"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_FILTER, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_1832D,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_USF, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "CorrectedCtrReg factor in annotation index, AnnotationMatchPrediction factor"
Authors: ["alsifr", "smikler"]
Responsibles: "smikler"
}
Factor {
Index: 896
CppName: "FI_CORRECTED_CTR_QUERY_MATCH_PREDICTION"
Name: "CorrectedCtrQueryMatchPrediction"
Ticket: "FACTOR-468"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_FILTER, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_1832D,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_USF, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "CorrectedCtrReg factor in annotation index, QueryMatchPrediction factor"
Authors: ["alsifr", "smikler"]
Responsibles: "smikler"
}
Factor {
Index: 897
CppName: "FI_CORRECTED_CTR_VALUE_WCM_AVG"
Name: "CorrectedCtrValueWcmAvg"
Ticket: "FACTOR-468"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_FILTER, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_1832D,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_USF, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "CorrectedCtrReg factor in annotation index, factor ValueWcmAvg"
Authors: ["alsifr", "smikler"]
Responsibles: "smikler"
}
Factor {
Index: 898
CppName: "FI_CORRECTED_CTR_BM15_V4_K5"
Name: "CorrectedCtrBm15V4K5"
Ticket: "FACTOR-468"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_FILTER, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_1832D,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_USF, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "CorrectedCtrReg factor in annotation index, factor Bm15V4K5"
Authors: ["alsifr", "smikler"]
Responsibles: "smikler"
}
Factor {
Index: 899
CppName: "FI_IS_NOT_CGI"
Name: "IsNotCgi"
Ticket: "FACTOR-575"
Tags: [TG_STATIC, TG_URL_TEXT, TG_DOC, TG_L2, TG_NN_OVER_FEATURES_USE]
```

Description: "Factor about the presence of the character '?' in the url. It is equal to zero if the url has cgi-parameters (more precisely: all duplicates have a '?' symbol in the url)."

Authors: "ilnurkh"

Responsibles: "ilnurkh"

}

Factor {

Index: 900

CppName: "FI\_ALICE\_CLICK\_DSSM"

Name: "AliceClickDssm"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_DOC\_CONTENT, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_UNUSED, TG\_ALICE\_MUSIC, TG\_RTMODELS\_SERVICE, TG\_ALLOW\_USE\_FOR\_ALICE]

Description: "DSSM click prediction based on Alice-specific data"

Ticket: "SEARCHSPEC-132"

Authors: "an-to-nen-ko"

Responsibles: "an-to-nen-ko"

ImplementationTime: "2021-11-27"

}

Factor {

Index: 901

CppName: "FI\_TEL\_FULL\_ATTRIBUTE\_TEXT\_BOCM15\_K001"

Name: "TelFullAttributeTextBocm15K001"

Ticket: "SEARCHPLAY-70"

Description: "Factor by telephone attributes tel\_full from the original request Document text. Bocm15 word weight aggregation algorithm. Normalization coefficient 0.01."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_TEXT\_MACHINE, TG\_UNDOCUMENTED, TG\_DYNAMIC]

Authors: "ilnurkh"

Responsibles: "ilnurkh"

ImplementationTime: "2022-02-09"

}

Factor {

Index: 902

CppName: "FI\_REMOVED\_902"

Name: "Removed\_902"

Tags: [TG\_REMOVED]

}

Factor {

Index: 903

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_QUERY\_MATCH\_PREDICTION"

Name: "SamplePeriodDayFrcQueryMatchPrediction"

Ticket: "FACTOR-605"

Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod>"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]

Description: "SamplePeriodDayFrc factor in annotation index, QueryMatchPrediction factor"

Authors: "pavelgur"

Responsibles: ["smikler", "yustuken", "diver"]

}

Factor {

Index: 904

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_ANNOTATION\_MATCH\_PREDICTION"

Name: "SamplePeriodDayFrcAnnotationMatchPrediction"

Ticket: "FACTOR-605"

Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod>"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]



Description: "SamplePeriodDayFrc factor in annotation index, AnnotationMatchPrediction factor"  
Authors: "pavelgur"  
Responsibles: ["smikler", "yustuken", "diver"]  
}

Factor {  
Index: 905  
CppName: "FI\_ONE\_CLICK\_QUERY\_MATCH\_PREDICTION"  
Name: "OneClickQueryMatchPrediction"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, QueryMatchPrediction factor"  
Authors: ["alsifr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}

Factor {  
Index: 906  
CppName: "FI\_ONE\_CLICK\_ANNOTATION\_MATCH\_PREDICTION"  
Name: "OneClickAnnotationMatchPrediction"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, AnnotationMatchPrediction factor"  
Authors: ["alsifr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}

Factor {  
Index: 907  
CppName: "FI\_ONE\_CLICK\_BM15\_AK4"  
Name: "OneClickBm15AK4"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, factor Bm15AK4"  
Authors: ["alsifr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}

Factor {  
Index: 908  
CppName: "FI\_ONE\_CLICK\_BOCM\_WEIGHTED\_W1K3"  
Name: "OneClickBocmWeightedW1K3"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, factor BocmWeightedW1K3"  
Authors: ["alsifr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}

Factor {  
Index: 909  
CppName: "FI\_LONG\_CLICK\_QUERY\_MATCH\_PREDICTION"  
Name: "LongClickQueryMatchPrediction"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "LongClick factor in annotation index, QueryMatchPrediction factor"  
Authors: "pavelgur"  
Responsibles: ["smikler", "yustuken", "diver"]

```
}
Factor {
Index: 910
CppName: "FI_LONG_CLICK_ANNOTATION_MATCH_PREDICTION"
Name: "LongClickAnnotationMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClick factor in annotation index, AnnotationMatchPrediction factor"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 911
CppName: "FI_LONG_CLICK_BM15_AK4"
Name: "LongClickBm15AK4"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClick factor in annotation index, factor Bm15AK4"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 912
CppName: "FI_LONG_CLICK_BOCM_WEIGHTED_W1K3"
Name: "LongClickBocmWeightedW1K3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClick factor in annotation index, factor BocmWeightedW1K3"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 913
CppName: "FI_SPLIT_DWELL_TIME_QUERY_MATCH_PREDICTION"
Name: "SplitDwellTimeQueryMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SplitDwellTime factor in annotation index, factor QueryMatchPrediction"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 914
CppName: "FI_SPLIT_DWELL_TIME_ANNOTATION_MATCH_PREDICTION"
Name: "SplitDwellTimeAnnotationMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SplitDwellTime factor in annotation index, AnnotationMatchPrediction factor"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 915
```

```
CppName: "FI_BQPR_QUERY_MATCH_PREDICTION"  
Name: "BQPRQueryMatchPrediction"  
Group: "Annotation"  
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,  
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]  
Description: "BQPR factor in annotation index, QueryMatchPrediction factor"  
Authors: "smikler"  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 916  
CppName: "FI_BQPR_ANNOTATION_MATCH_PREDICTION"  
Name: "BQPRAnnotationMatchPrediction"  
Group: "Annotation"  
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,  
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]  
Description: "BQPR factor in annotation index, AnnotationMatchPrediction factor"  
Authors: "smikler"  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 917  
CppName: "FI_YABAR_VISITS_QUERY_MATCH_PREDICTION"  
Name: "YabarVisitsQueryMatchPrediction"  
Group: "Annotation"  
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,  
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]  
Description: "YabarVisits factor in annotation index, factor QueryMatchPrediction"  
Authors: ["akhropov", "ilnurkh"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 918  
CppName: "FI_YABAR_VISITS_ANNOTATION_MATCH_PREDICTION"  
Name: "YabarVisitsAnnotationMatchPrediction"  
Group: "Annotation"  
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,  
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]  
Description: "YabarVisits factor in annotation index, factor AnnotationMatchPrediction"  
Authors: ["akhropov", "ilnurkh"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 919  
CppName: "FI_YABAR_TIME_QUERY_MATCH_PREDICTION"  
Name: "YabarTimeQueryMatchPrediction"  
Group: "Annotation"  
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,  
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]  
Description: "YabarTime factor in annotation index, QueryMatchPrediction factor"  
Authors: ["akhropov", "ilnurkh"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 920  
CppName: "FI_YABAR_TIME_ANNOTATION_MATCH_PREDICTION"  
Name: "YabarTimeAnnotationMatchPrediction"  
Group: "Annotation"
```

```
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "YabarTime factor in annotation index, AnnotationMatchPrediction factor"
Authors: ["akhropov", "ilnurkh"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 921
CppName: "FI_SIMPLE_CLICK_QUERY_MATCH_PREDICTION"
Name: "SimpleClickQueryMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SimpleClick factor in annotation index, QueryMatchPrediction factor"
Authors: "monnoroch"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 922
CppName: "FI_SIMPLE_CLICK_ANNOTATION_MATCH_PREDICTION"
Name: "SimpleClickAnnotationMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SimpleClick factor in annotation index, AnnotationMatchPrediction factor"
Authors: "monnoroch"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 923
CppName: "FI_LONG_CLICK_BOCM_PLAIN"
Name: "LongClickBocmPlain"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClick factor in annotation index, BocmPlain factor"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 924
CppName: "FI_RANDOM_LOG_DBM35_XFACTOR_FULL_MATCH_PREDICTION"
Name: "RandomLogDBM35XfactorFullMatchPrediction"
Ticket: "FACTOR-579"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/RandomLogDBM35"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_COLLABORATED, TG_REMOVED]
Countries: [CNT_TR]
Description: "Result of collaborative filtering for factor FI_DBM35 from random log in annotation index, factor
FullMatchPrediction"
Authors: ["avatar", "alsafr", "akhropov"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 925
CppName: "FI_RANDOM_LOG_DBM35_XFACTOR_ANNOTATION_MATCH_PREDICTION"
Name: "RandomLogDBM35XfactorAnnotationMatchPrediction"
```

Ticket: "FACTOR-579"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_COLLABORATED, TG\_REMOVED]  
Countries: [CNT\_TR]  
Description: "Result of collaborative filtering for factor FI\_DBM35 from random log in annotation index, factor AnnotationMatchPrediction"  
Authors: ["avatar", "alsafr", "akhropov"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 926  
CppName: "FI\_ONE\_CLICK\_SYNONYM\_MATCH\_PREDICTION"  
Name: "OneClickSynonymMatchPrediction"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, SynonymMatchPrediction factor"  
Authors: ["alsafr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 927  
CppName: "FI\_ONE\_CLICK\_FULL\_MATCH\_PREDICTION"  
Name: "OneClickFullMatchPrediction"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, FullMatchPrediction factor"  
Authors: ["alsafr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 928  
CppName: "FI\_ONE\_CLICK\_VALUE\_WCM\_AVG"  
Name: "OneClickValueWcmAvg"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, factor ValueWcmAvg"  
Authors: ["alsafr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 929  
CppName: "FI\_ONE\_CLICK\_BOCM\_WEIGHTED\_MAX\_K1"  
Name: "OneClickBocmWeightedMaxK1"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, factor BocmWeightedMaxK1"  
Authors: ["alsafr", "pavelgur"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 930  
CppName: "FI\_ONE\_CLICK\_BM15\_STRICT\_K2"

```
Name: "OneClickBm15StrictK2"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "OneClick factor in annotation index, Bm15StrictK2 factor"
Authors: ["alsafr", "pavelgur"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 931
CppName: "FI_ONE_CLICK_BM15_MAX_K3"
Name: "OneClickBm15MaxK3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "OneClick factor in annotation index, Bm15MaxK3 factor"
Authors: ["alsafr", "pavelgur"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 932
CppName: "FI_ONE_CLICK_BCLM_PLAIN_W1K3"
Name: "OneClickBclmPlainW1K3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "OneClick factor in annotation index, BclmPlainW1K3 factor"
Authors: ["alsafr", "pavelgur"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 933
CppName: "FI_ONE_CLICK_VALUE_WCM_MAX"
Name: "OneClickValueWcmMax"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "OneClick factor in annotation index, factor ValueWcmMax"
Authors: ["alsafr", "pavelgur"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 934
CppName: "FI_ONE_CLICK_VALUE_WCM_PREDICTION"
Name: "OneClickValueWcmPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "OneClick factor in annotation index, factor ValueWcmPrediction"
Authors: ["alsafr", "pavelgur"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 935
CppName: "FI_ONE_CLICK_BCLM_WEIGHTED_K3"
Name: "OneClickBclmWeightedK3"
Group: "Annotation"
```

```

Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "OneClick factor in annotation index, BclmWeightedK3 factor"
Authors: ["alsafir", "pavelgur"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 936
CppName: "FI_BQPR_BOCM_WEIGHTED_W1_K3"
Name: "BQPRBocmWeightedW1K3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "BQPR factor in annotation index, BocmWeightedW1K3 factor"
Authors: "smikler"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 937
CppName: "FI_BQPR_BM15_STRICT_K2"
Name: "BQPRBm15StrictK2"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "BQPR factor in annotation index, factor Bm15StrictK2"
Authors: "smikler"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 938
CppName: "FI_SPLIT_DWELL_BOCM_WEIGHTED_MAX_K1"
Name: "SplitDwellTimeBocmWeightedMaxK1"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SplitDwellTime factor in annotation index, factor BocmWeightedMaxK1"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 939
CppName: "FI_SPLIT_DWELL_TIME_FULL_MATCH_PREDICTION"
Name: "SplitDwellTimeFullMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SplitDwellTime factor in annotation index, FullMatchPrediction factor"
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 940
CppName: "FI_SPLIT_DWELL_TIME_VALUE_WCM_AVG"
Name: "SplitDwellTimeValueWcmAvg"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SplitDwellTime factor in annotation index, factor ValueWcmAvg"

```

```
Authors: "pavelgur"
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 941
CppName: "FI_CORRECTED_CTR_BM15_STRICT_K2"
Name: "CorrectedCtrBm15StrictK2"
Ticket: "FACTOR-468"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_FILTER, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_1832D,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_USF, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "CorrectedCtrReg factor in annotation index, factor Bm15StrictK2"
Authors: ["alsafr", "smikler"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 942
CppName: "FI_FRACTION_OF_QUERIES_WITH_GEO_PREDICTION"
Name: "FractionOfQueriesWithGeoPredicted"
DependsOn: [{Feature: ["FractionOfQueriesWithGeoPredicted"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-508"
Group: "Query"
Tags: [TG_QUERY_ONLY, TG_USER_SEARCH, TG_LOCALIZED_COUNTRY, TG_DYNAMIC, TG_L2, TG_DEPRECATED]
Countries: [CNT_ALL]
Description: "Predict the share of queries with geography from the bag of words built for the query"
Authors: ["yazevnul"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 943
CppName: "FI_URL_IS_EXACT"
Name: "IsExactUrl"
DependsOn: [{Feature: ["IsExactUrl"], Slice: "begemot_query_factors"}]
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_OFTEN_ZERO, TG_L2, TG_DEPRECATED]
Description: "The request is a url up to dots and spaces - the isurl wizard rule is used"
Ticket: "FACTOR-682"
Authors: ["mbusel", "smikler"]
Responsibles: "mbusel"
}
Factor {
Index: 944
CppName: "FI_RANDOM_LOG_DBM35_XFACTOR_VALUE_WCM_MAX"
Name: "RandomLogDBM35XfactorValueWcmMax"
Ticket: "FACTOR-579"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/RandomLogDBM35"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_COLLABORATED, TG_REMOVED]
Countries: [CNT_TR]
Description: "Result of collaborative filtering for factor FI_DBM35 from random log in annotation index, factor
ValueWcmMax"
Authors: ["avatar", "alsafr", "akhropov"]
Responsibles: ["smikler", "yustuken", "diver"]
}
Factor {
Index: 945
CppName: "FI_RANDOM_LOG_DBM35_XFACTOR_VALUE_WCM_AVG"
```



Name: "RandomLogDBM35XfactorValueWcmAvg"  
Ticket: "FACTOR-579"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_COLLABORATED, TG\_REMOVED]  
Countries: [CNT\_TR]  
Description: "Result of collaborative filtering for factor FI\_DBM35 from random log in annotation index, factor ValueWcmAvg"  
Authors: ["avatar", "alsafr", "akhropov"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 946  
CppName: "FI\_RANDOM\_LOG\_DBM35\_XFACTOR\_BM15\_STRICT\_K2"  
Name: "RandomLogDBM35XfactorBm15StrictK2"  
Ticket: "FACTOR-579"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_COLLABORATED, TG\_REMOVED]  
Countries: [CNT\_TR]  
Description: "Result of collaborative filtering for factor FI\_DBM35 from random log in annotation index, factor Bm15StrictK2"  
Authors: ["avatar", "alsafr", "akhropov"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 947  
CppName: "FI\_RANDOM\_LOG\_DBM35\_XFACTOR\_BCLM\_PLAIN\_W1\_k3"  
Name: "RandomLogDBM35XfactorBclmPlainW1K3"  
Ticket: "FACTOR-579"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_COLLABORATED, TG\_REMOVED]  
Countries: [CNT\_TR]  
Description: "Result of collaborative filtering for factor FI\_DBM35 from random log in annotation index, factor BclmPlainW1K3"  
Authors: ["avatar", "alsafr", "akhropov"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {  
Index: 948  
CppName: "FI\_RANDOM\_LOG\_DBM35\_XFACTOR\_BCLM\_WEIGHTED\_K3"  
Name: "RandomLogDBM35XfactorBclmWeightedK3"  
Ticket: "FACTOR-579"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_COLLABORATED, TG\_REMOVED]  
Countries: [CNT\_TR]  
Description: "Result of collaborative filtering for factor FI\_DBM35 from random log in annotation index, factor BclmWeightedK3"  
Authors: ["avatar", "alsafr", "akhropov"]  
Responsibles: ["smikler", "yustuken", "diver"]  
}  
Factor {

Index: 949

CppName: "FI\_RANDOM\_LOG\_DBM35\_XFACTOR\_BOCM\_WEIGHTED\_K3"

Name: "RandomLogDBM35XfactorBocmWeightedW1K3"

Ticket: "FACTOR-579"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_COLLABORATED, TG\_REMOVED]

Countries: [CNT\_TR]

Description: "Result of collaborative filtering for factor FI\_DBM35 from random log in annotation index, factor BocmWeightedW1K3"

Authors: ["avatar", "alsafr", "akhropov"]

Responsibles: ["smikler", "yustuken", "diver"]

}

Factor {

Index: 950

CppName: "FI\_CORRECTED\_CTR\_XFACTOR\_ANNOTATION\_MATCH\_PREDICTION"

Name: "CorrectedCtrXfactorAnnotationMatchPrediction"

Ticket: "FACTOR-716"

Wiki: "https://wiki.yandex-

team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_REMOVED]

Description: "CorrectedCtrXfactor in annotation index, AnnotationMatchPrediction factor"

Authors: ["vvp", "alsafr", "avatar"]

Responsibles: ["yustuken", "diver", "avatar"]

}

Factor {

Index: 951

CppName: "FI\_CORRECTED\_CTR\_XFACTOR\_QUERY\_MATCH\_PREDICTION"

Name: "CorrectedCtrXfactorQueryMatchPrediction"

Ticket: "FACTOR-716"

Wiki: "https://wiki.yandex-

team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_REMOVED]

Description: "CorrectedCtrXfactor in annotation index, QueryMatchPrediction factor"

Authors: ["vvp", "alsafr", "avatar"]

Responsibles: ["yustuken", "diver", "avatar"]

}

Factor {

Index: 952

CppName: "FI\_CORRECTED\_CTR\_XFACTOR\_VALUE\_WCM\_MAX"

Name: "CorrectedCtrXfactorValueWcmMax"

Ticket: "FACTOR-716"

Wiki: "https://wiki.yandex-

team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_REMOVED]

Description: "CorrectedCtrXfactor in annotation index, factor ValueWcmMax"

Authors: ["vvp", "alsafr", "avatar"]

Responsibles: ["yustuken", "diver", "avatar"]

}

Factor {

Index: 953

```
CppName: "FI_CORRECTED_CTR_XFACTOR_VALUE_WCM_AVG"
Name: "CorrectedCtrXfactorValueWcmAvg"
Ticket: "FACTOR-716"
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "CorrectedCtrXfactor in annotation index, ValueWcmAvg factor"
Authors: ["vvp", "alsafr", "avatar"]
Responsibles: ["yustuken", "diver", "avatar"]
}
Factor {
Index: 954
CppName: "FI_CORRECTED_CTR_XFACTOR_BOBCM_WEIGHTED_W1K3"
Name: "CorrectedCtrXfactorBocmWeightedW1K3"
Ticket: "FACTOR-716"
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "CorrectedCtrXfactor in annotation index, BocmWeightedW1K3 factor"
Authors: ["vvp", "alsafr", "avatar"]
Responsibles: ["yustuken", "diver", "avatar"]
}
Factor {
Index: 955
CppName: "FI_CORRECTED_CTR_XFACTOR_BCLM_PLAIN_K3"
Name: "CorrectedCtrXfactorBclmPlainK3"
Ticket: "FACTOR-716"
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "CorrectedCtrXfactor in annotation index, BclmPlainK3 factor"
Authors: ["vvp", "alsafr", "avatar"]
Responsibles: ["yustuken", "diver", "avatar"]
}
Factor {
Index: 956
CppName: "FI_CORRECTED_CTR_XFACTOR_BCLM_MIX_PLAIN_W1K1"
Name: "CorrectedCtrXfactorBclmMixPlainW1K1"
Ticket: "FACTOR-716"
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryUrlCorrectedCtrXfactor"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "CorrectedCtrXfactor in annotation index, BclmMixPlainW1K1 factor"
Authors: ["vvp", "alsafr", "avatar"]
Responsibles: ["yustuken", "diver", "avatar"]
}
Factor {
Index: 957
CppName: "FI_ALICE_TIMESPENT_SUFFIX_SUM"
Name: "AliceTimespentSuffixSum"
```

Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_DOC\_CONTENT, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_UNUSED, TG\_ALICE\_MUSIC, TG\_RTMODELS\_SERVICE, TG\_ALLOW\_USE\_FOR\_ALICE]

Description: "Prediction of the total timespan until the end of the session, subject to the implementation of this request-document pair"

Ticket: "SEARCHSPEC-132"

Authors: "an-to-nen-ko"

Responsibles: "an-to-nen-ko"

}

Factor {

Index: 958

CppName: "FI\_ALICE\_TIMESPENT"

Name: "AliceTimespent"

Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_DOC\_CONTENT, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_UNUSED, TG\_ALICE\_MUSIC, TG\_RTMODELS\_SERVICE, TG\_ALLOW\_USE\_FOR\_ALICE]

Description: "Predict the contribution of this query-document pair to the timespan"

Ticket: "SEARCHSPEC-132"

Authors: "an-to-nen-ko"

Responsibles: "an-to-nen-ko"

}

Factor {

Index: 959

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_VALUE\_WCM\_AVG"

Name: "SamplePeriodDayFrcValueWcmAvg"

Ticket: "FACTOR-605"

Wiki: "<https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/sampleperiod>"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]

Description: "SamplePeriodDayFrc factor in annotation index, factor ValueWcmAvg"

Authors: "monnoroch"

Responsibles: ["yustuken", "diver"]

}

Factor {

Index: 960

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_BM15\_MAX\_K3"

Name: "SamplePeriodDayFrcBm15MaxK3"

Ticket: "FACTOR-605"

Wiki: "<https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/sampleperiod>"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]

Description: "SamplePeriodDayFrc factor in annotation index, factor Bm15MaxK3"

Authors: "monnoroch"

Responsibles: ["yustuken", "diver"]

}

Factor {

Index: 961

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_BOCM\_WEIGHTED\_K3"

Name: "SamplePeriodDayFrcBocmWeightedK3"

Ticket: "FACTOR-605"

Wiki: "<https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/sampleperiod>"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]

Description: "SamplePeriodDayFrc factor in annotation index, factor BocmWeightedK3"

Authors: "monnoroch"

```
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 962
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_BOCM_DOUBLE_K5"
Name: "SamplePeriodDayFrcBocmDoubleK5"
Ticket: "FACTOR-605"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/sampleperiod"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SamplePeriodDayFrc factor in annotation index, factor BocmDoubleK5"
Authors: "monnoroch"
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 963
CppName: "FI_SPLIT_DWELL_TIME_BM15_MAX_K3"
Name: "SplitDwellTimeBm15MaxK3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SplitDwellTime factor in annotation index, factor Bm15MaxK3"
Authors: "pavelgur"
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 964
CppName: "FI_SIMPLE_CLICK_BCLM_WEIGHTED_K3"
Name: "SimpleClickBclmWeightedK3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "SimpleClick factor in annotation index, BclmWeightedK3 factor"
Authors: "monnoroch"
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 965
CppName: "FI_ALICE_MAX_PERCENT_PLAYED"
Name: "AliceMaxPercentPlayed"
Tags: [TG_UNIMPLEMENTED, TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT,
TG_DOC_CONTENT, TG_NEURAL, TG_UNDOCUMENTED, TG_UNUSED, TG_ALICE_MUSIC, TG_RTMODELS_SERVICE,
TG_ALLOW_USE_FOR_ALICE]
Description: "Predict the percentage of track length that will be played if this request-track pair is implemented"
Ticket: "SEARCHSPEC-132"
Authors: "an-to-nen-ko"
Responsibles: "an-to-nen-ko"
}
Factor {
Index: 966
CppName: "FI_WEIGHTED_UNMATCH_URL_PREDICTED_USER_REGION"
Name: "WeightedUnMatchUrlPredictedAndUserRegion"
Ticket: "BUKI-2076"
Wiki: "https://wiki.yandex-
team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/MatchUrlPredictedAndUserRegion"
Tags: [TG_STATIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_URL_TEXT, TG_L2, TG_L3_OVERWRITE,
TG_NN_OVER_FEATURES_USE]
```

```
Description: "Probability that the region predicted by the yweb/robot/urlgeo_ml model is correct, provided that a city is predicted"
Authors: ["esoloviev", "mbusel"]
Responsibles: ["mbusel"]
}
Factor {
Index: 967
CppName: "FI_PSE_FRC_BROWSER_ANNOTATION_MATCH_PREDICTION"
Name: "PopularSEFRCBrowserAnnotationMatchPrediction"
Ticket: "FACTOR-675"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_BROWSER]
Countries: CNT_RELEV
Description: "PopularSEFRCBrowser factor in annotation index, AnnotationMatchPrediction factor"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "yustuken", "diver"]
}
Factor {
Index: 968
CppName: "FI_PSE_FRC_BROWSER_SYNONYM_MATCH_PREDICTION"
Name: "PopularSEFRCCBrowserSynonymMatchPrediction"
Ticket: "FACTOR-675"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_BROWSER]
Description: "PopularSEFRCCBrowser factor in annotation index, SynonymMatchPrediction factor"
Countries: CNT_RELEV
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "yustuken", "diver"]
}
Factor {
Index: 969
CppName: "FI_PSE_FRC_BROWSER_VALUE_WCM_PREDICTION"
Name: "PopularSEFRCBrowserValueWcmPrediction"
Ticket: "FACTOR-675"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_BROWSER]
Description: "PopularSEFRCBrowser factor in annotation index, factor ValueWcmPrediction"
Countries: CNT_RELEV
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "yustuken", "diver"]
}
Factor {
Index: 970
CppName: "FI_PSE_FRC_BROWSER_BCLM_WEIGHTED_V2K3"
Name: "PopularSEFRCBrowserBclmWeightedV2K3"
Ticket: "FACTOR-675"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_BROWSER]
Description: "PopularSEFRCBrowser factor in annotation index, factor BclmWeightedV2K3"
Countries: CNT_RELEV
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "yustuken", "diver"]
}
Factor {
```

Index: 971  
CppName: "FI\_PSE\_FRC\_BROWSER\_BCLM\_MIX\_PLAIN\_W1K1"  
Name: "PopularSEFRCBrowserBclmMixPlainW1K1"  
Ticket: "FACTOR-675"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_BROWSER]  
Description: "PopularSEFRCBrowser factor in annotation index, factor BclmMixPlainW1K1"  
Countries: CNT\_RELEV  
Authors: ["mbusel", "tsimkha"]  
Responsibles: ["mbusel", "yustuken", "diver"]  
}  
Factor {  
Index: 972  
CppName: "XLR\_ANNOTATION\_MATCH\_PREDICTION"  
Name: "XLRAnnotationMatchPrediction"  
Group: "Xref"  
Ticket: "BUKI-2408"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/xlrannotationmatchprediction"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LINK\_TEXT, TG\_DEPRECATED]  
Description: "Calculated by link index. Max(sum(idf)) for all links that are subsets of query / sum(idf) for query"  
Authors: "edik"  
Responsibles: "edik"  
}  
Factor {  
Index: 973  
CppName: "FI\_ONE\_CLICK\_ANNOTATION\_MATCH\_PREDICTION\_WEIGHTED"  
Name: "OneClickAnnotationMatchPredictionWeighted"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "OneClick factor in annotation index, AnnotationMatchPredictionWeighted factor"  
Authors: ["alsifr", "pavelgur", "edik"]  
Responsibles: ["edik", "yustuken", "diver"]  
}  
Factor {  
Index: 974  
CppName: "FI\_LONG\_CLICK\_ANNOTATION\_MATCH\_PREDICTION\_WEIGHTED"  
Name: "LongClickAnnotationMatchPredictionWeighted"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "LongClick factor in annotation index, factor AnnotationMatchPredictionWeighted"  
Authors: ["pavelgur", "edik"]  
Responsibles: ["edik", "yustuken", "diver"]  
}  
Factor {  
Index: 975  
CppName: "FI\_YABAR\_TIME\_ANNOTATION\_MATCH\_PREDICTION\_WEIGHTED"  
Name: "YabarTimeAnnotationMatchPredictionWeighted"  
Group: "Annotation"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]  
Description: "YabarTime factor in annotation index, AnnotationMatchPredictionWeighted factor"  
Authors: ["akhropov", "ilnurkh", "edik"]  
Responsibles: ["edik", "yustuken", "diver"]  
}

```
Factor {
Index: 976
CppName: "FI_PAGE_HAS_MAPS_API"
Name: "PageHasMapsApi"
Tags: [TG_STATIC, TG_DOC, TG_BINARY, TG_NN_OVER_FEATURES_USE]
Description: "Equal to one if the page connects the js-api of any geo-data provider"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/PageHasMapsApi"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
}
Factor {
Index: 977
CppName: "FI_LONG_CLICK_SP_ANNOTATION_MATCH_PREDICTION"
Name: "LongClickSPAnnotationMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, AnnotationMatchPrediction factor"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
Factor {
Index: 978
CppName: "FI_LONG_CLICK_SP_QUERY_MATCH_PREDICTION"
Name: "LongClickSPQueryMatchPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, QueryMatchPrediction factor"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
Factor {
Index: 979
CppName: "FI_LONG_CLICK_SP_VALUE_WCM_AVG"
Name: "LongClickSPValueWcmAvg"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, factor ValueWcmAvg"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
Factor {
Index: 980
CppName: "FI_LONG_CLICK_SP_VALUE_WCM_PREDICTION"
Name: "LongClickSPValueWcmPrediction"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, factor ValueWcmPrediction"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
```



```
Factor {
Index: 981
CppName: "FI_LONG_CLICK_SP_BCLM_PLAIN_W1K3"
Name: "LongClickSPBclmPlainW1K3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, factor BclmPlainW1K3"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
Factor {
Index: 982
CppName: "FI_LONG_CLICK_SP_BCLM_WEIGHTED_K3"
Name: "LongClickSPBclmWeightedK3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, factor BclmWeightedK3"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
Factor {
Index: 983
CppName: "FI_LONG_CLICK_SP_BOCM_WEIGHTED_W1K3"
Name: "LongClickSPBocmWeightedW1K3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, factor BocmWeightedW1K3"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
Factor {
Index: 984
CppName: "FI_LONG_CLICK_SP_BCLM_PLAIN_K5"
Name: "LongClickSPBclmPlainK5"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, factor BclmPlainK5"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
Responsibles: ["tsimkha", "yustuken", "diver"]
}
Factor {
Index: 985
CppName: "FI_LONG_CLICK_SP_BCLM_WEIGHTED_V2K3"
Name: "LongClickSPBclmWeightedV2K3"
Group: "Annotation"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "LongClickSamplePeriod factor in annotation index, factor BclmWeightedV2K3"
Ticket: "FACTOR-685"
Authors: ["tsimkha", "pavelgur"]
```

Responsibles: ["tsimkha", "yustuken", "diver"]  
}

Factor {

Index: 986

CppName: "FI\_LONG\_CLICK\_SP\_BOBCM\_DOUBLE\_K5"

Name: "LongClickSPBocmDoubleK5"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]

Description: "LongClickSamplePeriod factor in annotation index, factor BocmDoubleK5"

Ticket: "FACTOR-685"

Authors: ["tsimkha", "pavelgur"]

Responsibles: ["tsimkha", "yustuken", "diver"]

}

Factor {

Index: 987

CppName: "FI\_LONG\_CLICK\_SP\_BM15\_STRICT\_K2"

Name: "LongClickSPBm15StrictK2"

Group: "Annotation"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED]

Description: "LongClickSamplePeriod factor in annotation index, factor Bm15StrictK2"

Ticket: "FACTOR-685"

Authors: ["tsimkha", "pavelgur"]

Responsibles: ["tsimkha", "yustuken", "diver"]

}

Factor {

Index: 988

CppName: "FI\_URL\_CLICKS\_MAX\_GEO\_REGION\_FRC\_RATIO"

Name: "URLClicksMaxGeoRegionFRCRatio"

Ticket: "FACTOR-36"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/URLClicksMaxGeoCityFRC>"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_GEOCLICKS]

Description: "Normalized corrected clicks maximum ratio by query with user's city(gc=) mentioned equal by region"

Authors: "esoloviev"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 989

CppName: "FI\_URL\_CLICKS\_MAX\_GEO\_REGIONONLY\_FRC\_RATIO"

Name: "URLClicksMaxGeoRegionOnlyFRCRatio"

Ticket: "FACTOR-36"

Wiki: "<http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/URLClicksMaxGeoCityFRC>"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_REGION, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_90D]

Description: "Normalized corrected clicks maximum ratio by query with user's city(gc=) mentioned equal to user's region"

Authors: "esoloviev"

Responsibles: ["tarum", "niknik"]

}

Factor {

Index: 990

CppName: "FI\_BQPR\_SAMPLE\_WCM\_COVERAGE\_MAX"

Name: "BQPRTSampleWcmCoverageMax"

Group: "Annotation"

Ticket: "FACTOR-799"

```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. Factor WcmCoverageMax"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 991
CppName: "FI_BQPR_SAMPLE_FULL_MATCH_PREDICTION"
Name: "BQPRSampleFullMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. FullMatchPrediction factor"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 992
CppName: "FI_BQPR_SAMPLE_ANNOTATION_MATCH_PREDICTION_WEIGHTED"
Name: "BQPRSampleAnnotationMatchPredictionWeighted"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. AnnotationMatchPredictionWeighted factor"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 993
CppName: "FI_BQPR_SAMPLE_VALUE_PCM_AVG"
Name: "BQPRSampleValuePcmAvg"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. Factor ValuePcmAvg"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 994
CppName: "FI_BQPR_SAMPLE_VALUE_WCM_AVG"
Name: "BQPRSampleValueWcmAvg"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. Factor ValueWcmAvg"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
```

```
}
Factor {
Index: 995
CppName: "FI_BQPR_SAMPLE_BM15_V4_K5"
Name: "BQPRSampleBm15V4K8"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. Factor Bm15V4K8"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 996
CppName: "FI_BQPR_SAMPLE_BOCM_WEIGHTED_V4_K8"
Name: "BQPRSampleBocmWeightedV4K8"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. Factor BocmWeightedV4K8"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 997
CppName: "FI_BQPR_SAMPLE_WCM_MAX"
Name: "BQPRSampleWcmMax"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. SampleWcmMax factor"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 998
CppName: "FI_BQPR_SAMPLE_SYNONYM_MATCH_PREDICTION"
Name: "BQPRSampleSynonymMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. SynonymMatchPrediction factor"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 999
CppName: "FI_BQPR_SAMPLE_ANNOTATION_MATCH_PREDICTION"
Name: "BQPRSampleAnnotationMatchPrediction"
Group: "Annotation"
```

```
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. AnnotationMatchPrediction factor"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 1000
CppName: "FI_BQPR_SAMPLE_SUFFIX_MATCH_COUNT"
Name: "BQPRSampleSuffixMatchCount"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. SuffixMatchCount factor"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 1001
CppName: "FI_BQPR_SAMPLE_WCM_COVERAGE_PREDICTION"
Name: "BQPRSampleWcmCoveragePrediction"
Group: "Annotation"
Ticket: "FACTOR-799"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/BQPRSample"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER,
TG_DEPRECATED, TG_BROWSER, TG_USER_EXT_DATA]
Description: "BQPR on the sampled period. Annotation index. WcmCoveragePrediction factor"
Authors: ["asandler"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 1002
CppName: "FI_DOUBLE_FRC_FULL_MATCH_PREDICTION"
Name: "DoubleFrcFullMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, FullMatchPrediction factor"
Authors: ["alsaf", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1003
CppName: "FI_DOUBLE_FRC_SYNONYM_MATCH_PREDICTION"
Name: "DoubleFrcSynonymMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, SynonymMatchPrediction factor"
Authors: ["alsaf", "yustuken"]
```

```
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1004
CppName: "FI_DOUBLE_FRC_ANNOTATION_MATCH_PREDICTION"
Name: "DoubleFrcAnnotationMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, AnnotationMatchPrediction factor"
Authors: ["alsifr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1005
CppName: "FI_DOUBLE_FRC_ANNOTATION_MATCH_PREDICTION_WEIGHTED"
Name: "DoubleFrcAnnotationMatchPredictionWeighted"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, factor AnnotationMatchPredictionWeighted"
Authors: ["alsifr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1006
CppName: "FI_DOUBLE_FRC_QUERY_MATCH_PREDICTION"
Name: "DoubleFrcQueryMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, QueryMatchPrediction factor"
Authors: ["alsifr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1007
CppName: "FI_DOUBLE_FRC_VALUE_WCM_AVG"
Name: "DoubleFrcValueWcmAvg"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, factor ValueWcmAvg"
Authors: ["alsifr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1008
CppName: "FI_DOUBLE_FRC_BOCM_WEIGHTED_MAX_K1"
Name: "DoubleFrcBocmWeightedMaxK1"
```

```
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, factor BocmWeightedMaxK1"
Authors: ["alsafr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1009
CppName: "FI_DOUBLE_FRC_BM15_V4_K5"
Name: "DoubleFrcBm15V4K5"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, factor Bm15V4K5"
Authors: ["alsafr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1010
CppName: "FI_DOUBLE_FRC_BOCM_WEIGHTED_V4_K5"
Name: "DoubleFrcBocmWeightedV4K5"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, factor BocmWeightedV4K5"
Authors: ["alsafr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1011
CppName: "FI_DOUBLE_FRC_BOCM_DOUBLE_K1"
Name: "DoubleFrcBocmDoubleK1"
Group: "Annotation"
Ticket: "FACTOR-709"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/DoubleFrc"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "DoubleFrc in annotation index, factor BocmDoubleK1"
Authors: ["alsafr", "yustuken"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1012
Name: "REMOVED_1012"
CppName: "REMOVED_1012"
Ticket: "FACTOREDEL-52"
Tags: [TG_REMOVED]
}
Factor {
Index: 1013
Name: "REMOVED_1013"
```

```
CppName: "REMOVED_1013"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1014  
Name: "REMOVED_1014"  
CppName: "REMOVED_1014"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1015  
Name: "REMOVED_1015"  
CppName: "REMOVED_1015"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1016  
Name: "REMOVED_1016"  
CppName: "REMOVED_1016"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1017  
Name: "REMOVED_1017"  
CppName: "REMOVED_1017"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1018  
Name: "REMOVED_1018"  
CppName: "REMOVED_1018"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1019  
Name: "REMOVED_1019"  
CppName: "REMOVED_1019"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1020  
Name: "REMOVED_1020"  
CppName: "REMOVED_1020"  
Ticket: "FACTORDEL-52"  
Tags: [TG_REMOVED]  
}  
Factor {  
Index: 1021  
Name: "REMOVED_1021"  
CppName: "REMOVED_1021"  
Ticket: "FACTORDEL-52"
```



```
Tags: [TG_REMOVED]
}
Factor {
Index: 1022
Name: "REMOVED_1022"
CppName: "REMOVED_1022"
Ticket: "FACTORDEL-52"
Tags: [TG_REMOVED]
}
Factor {
Index: 1023
Name: "REMOVED_1023"
CppName: "REMOVED_1023"
Ticket: "FACTORDEL-52"
Tags: [TG_REMOVED]
}
Factor {
Index: 1024
CppName: "FI_XF_DT_SHOW_ALL_MIN_W"
Name: "XfDtShowAllMinW"
Ticket: "FACTOR-836"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: minimum extension weight."
Authors: ["gotmanov", "alsafr"]
Responsibles: ["gotmanov", "alsafr", "edik"]
}
Factor {
Index: 1025
CppName: "FI_XF_DT_SHOW_ALL_MAX_F_FIELD_SET2_BM15FLOG_K0_001"
Name: "XfDtShowAllMaxFFieldSet2Bm15FLogK0001"
Ticket: "FACTOR-836"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_URL_TEXT, TG_ANNOTATION_FILTER,
TG_ANNOTATION_NOFILTER, TG_LINGBOOST, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE, TG_USERFEAT,
TG_USERFEAT_MULTI_PERIOD, TG_USERFEAT_FIELDSET2, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: Bm15 by stream group 2. Maximum factor
value by extensions."
Authors: ["gotmanov", "alsafr"]
Responsibles: ["gotmanov", "alsafr", "edik"]
}
Factor {
Index: 1026
CppName: "FI_XF_DT_SHOW_ALL_MAX_F_FIELD_SET3_BCLM_WEIGHTED_FLOG_W0_K0_001"
Name: "XfDtShowAllMaxFFieldSet3BclmWeightedFLogW0K0001"
Ticket: "FACTOR-836"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_ANNOTATION_NOFILTER,
TG_LINGBOOST, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD,
TG_FORMULA_2245, TG_DEPATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: BclmWeightedFLogW0 by stream group 3.
Maximum factor value by extensions."
Authors: ["gotmanov", "alsafr"]
Responsibles: ["gotmanov", "alsafr", "edik"]
```

```

}
Factor {
Index: 1027
CppName: "FI_XF_DT_SHOW_ALL_MAX_F_FIELD_SET_UT_BM15FLOG_WO_K0_0001"
Name: "XfDtShowAllMaxFFieldSetUTBm15FLogW0"
Ticket: "FACTOR-836"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_URL_TEXT, TG_LINGBOOST,
TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD,
TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: Bm15FLogW0 by url and title. Maximum
factor value by extensions."
Authors: ["gotmanov", "alsifr"]
Responsibles: ["gotmanov", "alsifr", "edik"]
}
Factor {
Index: 1028
CppName: "FI_XF_DT_SHOW_ALL_MAX_F_TEXT_COSINE_MATCH_MAX_PREDICTION"
Name: "XfDtShowAllMaxFTextCosineMatchMaxPrediction"
Ticket: "FACTOR-836"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: CosineMaxMatchPrediction by text and
title. Maximum factor value by extensions."
Authors: ["gotmanov", "alsifr"]
Responsibles: ["gotmanov", "alsifr", "edik"]
}
Factor {
Index: 1029
CppName: "FI_XF_DT_SHOW_ALL_MAX_F_URL_BM15_K0_1"
Name: "XfDtShowAllMaxFUrlBm15K01"
Ticket: "FACTOR-836"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: Bm15 by url. Maximum factor value by
extensions."
Authors: ["gotmanov", "alsifr"]
Responsibles: ["gotmanov", "alsifr", "edik"]
}
Factor {
Index: 1030
CppName: "FI_XF_DT_SHOW_ALL_MAX_WF_LONG_CLICK_SP_FULL_MATCH_VALUE"
Name: "XfDtShowAllMaxWFLongClickSPFullMatchValue"
Ticket: "FACTOR-836"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_LINGBOOST,
TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2,
TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: FullMatchValue by LongClickSP stream.
Maximum weighted factor value by extensions."

```

Authors: ["gotmanov", "alsafr"]  
 Responsibles: ["gotmanov", "alsafr", "edik"]  
 }  
 Factor {  
 Index: 1031  
 CppName: "FI\_XF\_DT\_SHOW\_ALL\_MAX\_WF\_ONE\_CLICK\_FULL\_MATCH\_VALUE"  
 Name: "XfDtShowAllMaxWFOneClickFullMatchValue"  
 Ticket: "FACTOR-836"  
 Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
 Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
 UseArtifact: {Name: "XfDtExpansions"}  
 Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: FullMatchValue by OneClick stream. Maximum weighted factor value by extensions."  
 Authors: ["gotmanov", "alsafr"]  
 Responsibles: ["gotmanov", "alsafr", "edik"]  
 }  
 Factor {  
 Index: 1032  
 CppName: "FI\_XF\_DT\_SHOW\_ALL\_SUM\_W2F\_SUM\_W\_FIELD\_SET1\_BM15FLOG\_K0\_001"  
 Name: "XfDtShowAllSumW2FSumWFieldSet1Bm15FLogK0001"  
 Ticket: "FACTOR-836"  
 Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
 Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_URL\_TEXT, TG\_LINK\_TEXT, TG\_ANNOTATION\_FILTER, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_DEPRECATED, TG\_TEXT\_MACHINE]  
 UseArtifact: {Name: "XfDtExpansions"}  
 Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: Bm15FLog by stream group 1. Weighted average of factor times weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by extensions."  
 Authors: ["gotmanov", "alsafr"]  
 Responsibles: ["gotmanov", "alsafr", "edik"]  
 }  
 Factor {  
 Index: 1033  
 CppName: "FI\_XF\_DT\_SHOW\_ALL\_SUM\_W2F\_SUM\_W\_FIELD\_SET\_UT\_BM15FLOG\_W0\_K0\_0001"  
 Name: "XfDtShowAllSumW2FSumWFieldSetUTBm15FLogW0"  
 Ticket: "FACTOR-836"  
 Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
 Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_URL\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
 UseArtifact: {Name: "XfDtExpansions"}  
 Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: Bm15FLogW0 by url and title. Weighted average of factor times weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by extensions."  
 Authors: ["gotmanov", "alsafr"]  
 Responsibles: ["gotmanov", "alsafr", "edik"]  
 }  
 Factor {  
 Index: 1034  
 CppName: "FI\_XF\_DT\_SHOW\_ALL\_SUM\_WF\_SUM\_W\_BODY\_MIN\_WINDOW\_SIZE"  
 Name: "XfDtShowAllSumWFSumWBodyMinWindowSize"  
 Ticket: "FACTOR-836"  
 Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
 Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
 UseArtifact: {Name: "XfDtExpansions"}  
 Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: MinWindowSize by text. Weighted average of factor values by extensions."

Authors: ["gotmanov", "alsifr", "edik"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}  
Factor {  
Index: 1035  
CppName:  
"FI\_XF\_DT\_SHOW\_BAG\_OF\_WORDS\_FIELD\_SET\_BAG\_OF\_WORDS\_ORIGINAL\_REQUEST\_FRACTION\_EXACT"  
Name: "XfDtShowBagOfWordsFieldSetBagOfWordsOriginalRequestFractionExact"  
Ticket: "FACTOR-836"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_FORMULA\_2245, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: bag OriginalRequestFractionExact by stream group for bag factors (text, title, annotation streams)."  
Authors: ["gotmanov", "alsifr", "edik"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}  
Factor {  
Index: 1036  
CppName: "FI\_XF\_DT\_SHOW\_BAG\_OF\_WORDS\_LONG\_CLICK\_SP\_COSINE\_MATCH\_MAX\_PREDICTION"  
Name: "XfDtShowBagOfWordsLongClickSPCosineMatchMaxPrediction"  
Ticket: "FACTOR-836"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: baggy CosineMaxMatchPrediction on LongClickSP stream."  
Authors: ["gotmanov", "alsifr", "edik"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}  
Factor {  
Index: 1037  
CppName: "FI\_XF\_DT\_SHOW\_BAG\_OF\_WORDS\_LONG\_CLICK\_SP\_COSINE\_MATCH\_WEIGHTED\_VALUE"  
Name: "XfDtShowBagOfWordsLongClickSPCosineMatchWeightedValue"  
Ticket: "FACTOR-836"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: baggy CosineMatchWeightedValue by LongClickSP stream."  
Authors: ["gotmanov", "alsifr", "edik"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}  
Factor {  
Index: 1038  
CppName: "FI\_XF\_DT\_SHOW\_BAG\_OF\_WORDS\_SIMPLE\_CLICK\_ANNOTATION\_MATCH\_AVG\_VALUE"  
Name: "XfDtShowBagOfWordsSimpleClickAnnotationMatchAvgValue"  
Ticket: "FACTOR-836"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: baggy AnnotationMatchAvgValue by SimpleClick stream."  
Authors: ["gotmanov", "alsifr", "edik"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}

Factor {  
Index: 1039  
CppName: "FI\_XF\_DT\_SHOW\_BAG\_OF\_WORDS\_TITLE\_COSINE\_MAX\_MATCH"  
Name: "XfDtShowBagOfWordsTitleCosineMaxMatch"  
Ticket: "FACTOR-836"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: baggy CosineMaxMatcg by title."  
Authors: ["gotmanov", "alsifr", "edik"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}

Factor {  
Index: 1040  
CppName: "FI\_XF\_DT\_SHOW\_TOP\_MIN\_WF\_FIELD\_SET3\_BCLM\_WEIGHTED\_FLOG\_WO\_K0\_001"  
Name: "XfDtShowTopMinWFFieldSet3BclmWeightedFLogWOK0001"  
Ticket: "FACTOR-836"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_FORMULA\_2245, TG\_DEPATED]  
UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: BclmWeightedFLogWO by stream group 3. Minimum weighted factor value by extension top."  
Authors: ["gotmanov", "alsifr"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}

Factor {  
Index: 1041  
CppName: "FI\_XF\_DT\_SHOW\_TOP\_MIN\_WF\_LONG\_CLICK\_SP\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"  
Name: "XfDtShowTopMinWFLongClickSPAnnotationMatchWeightedValue"  
Ticket: "FACTOR-836"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: AnnotationMatchWeightedValue by LongClickSP stream. Minimum weighted factor value by extension top."  
Authors: ["gotmanov", "alsifr"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}

Factor {  
Index: 1042  
CppName: "FI\_XF\_DT\_SHOW\_TOP\_MIN\_WF\_MAX\_W\_LONG\_CLICK\_SP\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"

Name: "XfDtShowTopMinWFMaxWLongClickSPAnnotationMatchWeightedValue"

Ticket: "FACTOR-836"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: AnnotationMatchWeightedValue by LongClickSP stream. Minimum weighted factor value by extension top normalized by maximum weight by extension top."

Authors: ["gotmanov", "alsafr"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1043

CppName: "FI\_XF\_DT\_SHOW\_TOP\_SUM\_W2F\_SUM\_W\_BODY\_CHAIN0WCM"

Name: "XfDtShowTopSumW2FSumWBodyChain0Wcm"

Ticket: "FACTOR-836"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: Chain0WCM by text. Weighted average of factor times weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by top extensions."

Authors: ["gotmanov", "alsafr"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1044

CppName: "FI\_XF\_DT\_SHOW\_TOP\_SUM\_W2F\_SUM\_W\_LONG\_CLICK\_SP\_FULL\_MATCH\_VALUE"

Name: "XfDtShowTopSumW2FSumWLongClickSPFullMatchValue"

Ticket: "FACTOR-836"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: FullMatchValue by LongClickSP stream. Weighted average of factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by top of extensions."

Authors: ["gotmanov", "alsafr"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1045

CppName: "FI\_XF\_DT\_SHOW\_TOP\_SUM\_W2F\_SUM\_W\_ONE\_CLICK\_FULL\_MATCH\_VALUE"

Name: "XfDtShowTopSumW2FSumWOneClickFullMatchValue"

Ticket: "FACTOR-836"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: FullMatchValue by OneClick stream. Weighted average of factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by top of extensions."

Authors: ["gotmanov", "alsafr"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1046

CppName: "FI\_XF\_DT\_SHOW\_TOP\_SUM\_WF\_SUM\_W\_FIELD\_SET3\_BCLM\_WEIGHTED\_FLOG\_W0\_K0\_001"

Name: "XfDtShowTopSumWFSumWFieldSet3BclmWeightedFLogW0K0001"

Ticket: "FACTOR-836"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_FORMULA\_2245, TG\_DEPRECATED]

UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: BclmWeightedFLogW0 by stream group 3. Weighted average of factor values by extension top."

Authors: ["gotmanov", "alsafr"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1047

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_FULL\_MATCH\_PREDICTION"

Name: "OneClickFrcXfSpFullMatchPrediction"

Group: "Annotation"

Ticket: "FACTOR-818"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_REMOVED]

Description: "OneClickFrc calculated from sampled period and collaboratively expanded, FullMatchPrediction factor"

Authors: ["avatar", "yustuken"]

Responsibles: ["yustuken", "avatar", "diver"]

}

Factor {

Index: 1048

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_ANNOTATION\_MATCH\_PREDICTION\_WEIGHTED"

Name: "OneClickFrcXfSpAnnotationMatchPredictionWeighted"

Group: "Annotation"

Ticket: "FACTOR-818"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_REMOVED]

Description: "OneClickFrc calculated over sampled period and collaboratively expanded, factor

AnnotationMatchPredictionWeighted"

Authors: ["avatar", "yustuken"]

Responsibles: ["yustuken", "avatar", "diver"]

}

Factor {

Index: 1049

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_VALUE\_WCM\_AVG"

Name: "OneClickFrcXfSpValueWcmAvg"

Group: "Annotation"

Ticket: "FACTOR-818"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_ANNOTATION\_NOFILTER, TG\_DEPRECATED, TG\_REMOVED]

Description: "OneClickFrc calculated by sampled period and collaboratively expanded, factor ValueWcmAvg"

```
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1050
CppName: "FI_ONE_CLICK_FRC_XF_SP_WCM_MAX"
Name: "OneClickFrcXfSpWcmMax"
Group: "Annotation"
Ticket: "FACTOR-818"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "OneClickFrc calculated from sampled period and collaboratively expanded, factor WcmMax"
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1051
CppName: "FI_ONE_CLICK_FRC_XF_SP_WCM_COVERAGE_PREDICTION"
Name: "OneClickFrcXfSpWcmCoveragePrediction"
Group: "Annotation"
Ticket: "FACTOR-818"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "OneClickFrc calculated by sampled period and collaboratively expanded, WcmCoveragePrediction
factor"
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1052
CppName: "FI_ONE_CLICK_FRC_XF_SP_WCM_COVERAGE_MAX"
Name: "OneClickFrcXfSpWcmCoverageMax"
Group: "Annotation"
Ticket: "FACTOR-818"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "OneClickFrc calculated by sampled period and collaboratively extended, factor WcmCoverageMax"
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1053
CppName: "FI_ONE_CLICK_FRC_XF_SP_PCM_MAX"
Name: "OneClickFrcXfSpPcmMax"
Group: "Annotation"
Ticket: "FACTOR-818"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "OneClickFrc calculated from sampled period and collaboratively expanded, factor PcmMax"
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1054
```



```
CppName: "FI_ONE_CLICK_FRC_XF_SP_PREFIX_MATCH_COUNT"
Name: "OneClickFrcXfSpPrefixMatchCount"
Group: "Annotation"
Ticket: "FACTOR-818"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "OneClickFrc calculated by sampled period and collaboratively expanded, PrefixMatchCount factor"
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1055
CppName: "FI_ONE_CLICK_FRC_XF_SP_SUFFIX_MATCH_COUNT"
Name: "OneClickFrcXfSpSuffixMatchCount"
Group: "Annotation"
Ticket: "FACTOR-818"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "OneClickFrc calculated by sampled period and collaboratively expanded, SuffixMatchCount factor"
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1056
CppName: "FI_ONE_CLICK_FRC_XF_SP_BM15_VO_W1K1"
Name: "OneClickFrcXfSpBm15VOW1K1"
Group: "Annotation"
Ticket: "FACTOR-818"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_ANNOTATION_NOFILTER, TG_DEPRECATED, TG_REMOVED]
Description: "OneClickFrc calculated from the sampled period and collaboratively extended, factor Bm15VOW1K1"
Authors: ["avatar", "yustuken"]
Responsibles: ["yustuken", "avatar", "diver"]
}
Factor {
Index: 1057
CppName: "FI_IS_LOCAL_PROBABILITY"
Name: "IsLocalProbability"
DependsOn: [{"Feature": "IsLocalProbability"}, {"Slice": "begemot_query_factors"}]
Ticket: "QREG-105"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_L2, TG_DEPRECATED]
Countries: [CNT_RU, CNT_UA, CNT_BY, CNT_KZ]
Description: "Localizability classifier value for query"
Authors: ["yazevnul", "esoloviev"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 1058
CppName: "FI_IS_RELEV_LOCALE_EN"
Name: "IsRelevLocaleRU"
DependsOn: [{"Feature": "IsRelevLocaleRU"}, {"Slice": "begemot_query_factors"}]
Ticket: "QREG-108"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/getrelevancelocale/"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_L2, TG_DEPRECATED]
Countries: [CNT_ALL]
```

```
Description: "relev_locale == en"
Authors: ["yazevnul", "esoloviev"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 1059
CppName: "FI_IS_RELEV_LOCALE_UA"
Name: "IsRelevLocaleUA"
DependsOn: [{"Feature": ["IsRelevLocaleUA"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-108"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/getrelevancelocale/"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_L2, TG_DEPRECATED]
Countries: [CNT_ALL]
Description: "relev_locale == ua"
Authors: ["yazevnul", "esoloviev"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 1060
CppName: "FI_IS_RELEV_LOCALE_BY"
Name: "IsRelevLocaleBY"
DependsOn: [{"Feature": ["IsRelevLocaleBY"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-108"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/getrelevancelocale/"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_L2, TG_DEPRECATED]
Countries: [CNT_ALL]
Description: "relev_locale == by"
Authors: ["yazevnul", "esoloviev"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 1061
CppName: "FI_IS_RELEV_LOCALE_KZ"
Name: "IsRelevLocaleKZ"
DependsOn: [{"Feature": ["IsRelevLocaleKZ"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-108"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/getrelevancelocale/"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_L2, TG_DEPRECATED]
Countries: [CNT_ALL]
Description: "relev_locale == kz"
Authors: ["yazevnul", "esoloviev"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 1062
CppName: "FI_IS_RELEV_LOCALE_TR"
Name: "IsRelevLocaleTR"
DependsOn: [{"Feature": ["IsRelevLocaleTR"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-108"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/getrelevancelocale/"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_DEPRECATED]
Countries: [CNT_ALL]
Description: "relev_locale == tr"
Authors: ["yazevnul", "esoloviev"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 1063
```

```
CppName: "FI_IS_RELEV_LOCALE_WORLD"
Name: "IsRelevLocaleWORLD"
DependsOn: [{"Feature": ["IsRelevLocaleWORLD"], "Slice": "begemot_query_factors"}]
Ticket: "QREG-108"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/getrelevancelocale/"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_DEPRECATED]
Countries: [CNT_ALL]
Description: "relev_locale == world"
Authors: ["yazevnul", "esoloviev"]
Responsibles: ["yazevnul", "esoloviev"]
}
Factor {
Index: 1064
CppName: "FI_QCLASS_PORNO_VW"
Name: "QClassPornoVw"
DependsOn: [{"Feature": ["QClassPornoVw"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-847"
Group: "Query"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_L2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QClassPornoVw/"
Description: "Porn query classification result from Wizard (iad_vw flag, based on Vowpal Wabbit)"
Authors: ["akolosov", "tobo"]
Responsibles: "tobo"
}
Factor {
Index: 1065
CppName: "FI_FULL_URL_FRACTION"
Name: "FullUrlFraction"
Ticket: "FACTOR-658"
Group: "Dynamic"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UrlTrigramFraction"
Tags: [TG_DOC, TG_DYNAMIC, TG_URL_TEXT, TG_L2, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "URL coverage with trigrams from the request. Analogue of
UrlDomainFraction,UrlPathAndParamsFraction factors."
Authors: "edik"
Responsibles: ["edik", "tsimkha"]
}
Factor {
Index: 1066
CppName: "FI_QUERY_DWELL_TIME_FULL_MATCH_PREDICTION"
Name: "QueryDwellTimeFullMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, FullMatchPrediction factor"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1067
CppName: "FI_QUERY_DWELL_TIME_SYNONYM_MATCH_PREDICTION"
Name: "QueryDwellTimeSynonymMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
```

```
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, SynonymMatchPrediction factor"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1068
CppName: "FI_QUERY_DWELL_TIME_ANNOTATION_MATCH_PREDICTION"
Name: "QueryDwellTimeAnnotationMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, AnnotationMatchPrediction factor"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1069
CppName: "FI_QUERY_DWELL_TIME_ANNOTATION_MATCH_PREDICTION_WEIGHTED"
Name: "QueryDwellTimeAnnotationMatchPredictionWeighted"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, AnnotationMatchPredictionWeighted factor"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1070
CppName: "FI_QUERY_DWELL_TIME_QUERY_MATCH_PREDICTION"
Name: "QueryDwellTimeQueryMatchPrediction"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, QueryMatchPrediction factor"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1071
CppName: "FI_QUERY_DWELL_TIME_VALUE_WCM_AVG"
Name: "QueryDwellTimeValueWcmAvg"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, factor ValueWcmAvg"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
```

```
Factor {
Index: 1072
CppName: "FI_QUERY_DWELL_TIME_BCLM_PLAIN_W1K3"
Name: "QueryDwellTimeBclmPlainW1K3"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, factor BclmPlainW1K3"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1073
CppName: "FI_QUERY_DWELL_TIME_BM15_COVERAGE_V4_K3"
Name: "QueryDwellTimeBm15CoverageV4K3"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, factor Bm15CoverageV4K3"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1074
CppName: "FI_QUERY_DWELL_TIME_BCLM_PLAIN_K4"
Name: "QueryDwellTimeBclmPlainK4"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, factor BclmPlainK4"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1075
CppName: "FI_QUERY_DWELL_TIME_BOCM_WEIGHTED_V4_K5"
Name: "QueryDwellTimeBocmWeightedV4K5"
Group: "Annotation"
Ticket: "FACTOR-820"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_DEPRECATED]
Description: "QueryDwellTime, Factor BocmWeightedV4K5"
Authors: ["yustuken", "alsafr"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1076
CppName: "FI_MORE_90_SEC_VISITS_SHARE"
Name: "More90SecVisitsShare"
Ticket: "SEARCHSPAM-7857"
Wiki: "https://wiki.yandex-team.ru/Jandekspoisik/Antispam/Tech/Mascot"
```

Tags: [TG\_OWNER, TG\_STATIC, TG\_USER, TG\_USER\_EXT\_DATA, TG\_BROWSER, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Proportion of visits for which the time spent on the host during the day is more than 90 seconds"  
Authors: ["osenzen", "burmisha", "ulyanov"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1077  
CppName: "FI\_MORE\_160\_SEC\_VISITS\_SHARE"  
Name: "More160SecVisitsShare"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_USER, TG\_USER\_EXT\_DATA, TG\_BROWSER, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Percentage of visits for which the time spent on the host during the day is more than 160 seconds"  
Authors: ["osenzen", "burmisha", "ulyanov"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1078  
CppName: "FI\_RANK\_HACKED\_NOVA\_PHP"  
Name: "RankHackedNovaPhp"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Rank of hacked sites"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1079  
CppName: "FI\_RANK\_AGS4"  
Name: "RankAgs4"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Rank ags4"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1080  
CppName: "FI\_MAX\_QS\_DOC\_CLASS\_QS\_RANK\_PTH\_QUERY\_SPAM"  
Name: "MaxQsDocClassQsRankPthQuerySpam"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Maximum QsRank on Owner"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1081  
CppName: "FI\_AVG\_QS\_RANK\_ON\_NOT\_SUBDOMAIN\_DOCS"  
Name: "AvgQsRankOnNotSubdomainDocs"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Average QsRank on the main domain"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1082  
CppName: "FI\_VISITORS\_RETURN\_MONTH\_SHARE"  
Name: "VisitorsReturnMonthShare"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_USER, TG\_USER\_EXT\_DATA, TG\_BROWSER, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Percentage of returning users during the month"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1083  
CppName: "FI\_VISITORS\_RETURN\_MONTH\_NUMBER"  
Name: "VisitorsReturnMonthNumber"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_USER, TG\_USER\_EXT\_DATA, TG\_BROWSER, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Number of returning users during the month"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1084  
CppName: "FI\_RANK\_XIT\_DOOR"  
Name: "RankXitDoor"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Rank doorways"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1085  
CppName: "FI\_AVG\_TITLE\_CAPITAL\_LETTERS\_RATIO"  
Name: "AvgTitleCapitalLettersRatio"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Proportion of capital letters in Title"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1086  
CppName: "FI\_FROM\_SEARCH\_SHARE\_NORMALIZED"  
Name: "FromSearchShareNormalized"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_EXT\_DATA, TG\_BROWSER, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Percentage of incoming traffic from search engines among all incoming traffic"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1087  
CppName: "FI\_GREEN\_TRAFFIC\_SHARE\_NORMALIZED"  
Name: "GreenTrafficShareNormalized"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_USER, TG\_USER\_EXT\_DATA, TG\_BROWSER, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Percentage of direct hits among all incoming traffic"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1088  
CppName: "FI\_AVG\_QS\_F\_WND\_500\_TOKEN"  
Name: "AvgQsFWnd500TOKEN"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Average QsRank in sliding window"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1089  
CppName: "FI\_MIN\_OWNER\_QS\_RANK"  
Name: "MinOwnerQsRank"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Minimum QsRank"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1090  
CppName: "FI\_AVG\_NUMHOPS"  
Name: "AvgNumhops"  
Ticket: "SEARCHSPAM-7857"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/Tech/Mascot"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_MASCOT, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Medium Hops"  
Authors: ["osenzen", "burmisha"]  
Responsibles: ["osenzen", "burmisha"]  
}  
Factor {  
Index: 1091  
CppName: "FI\_URL\_BM15\_K01"  
Name: "UrlBm15K01"  
Ticket: ["SEARCH-1394"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_URL\_TEXT, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Bm15K01 factor over hits from Url"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]



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Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/url/"
}
Factor {
Index: 1092
CppName: "FI_TITLE_BM15_K01"
Name: "TitleBm15K01"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "Bm15K01 factor over hits from Title"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/title/"
}
Factor {
Index: 1093
CppName: "FI_TITLE_BOCM15_K001"
Name: "TitleBocm15K001"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "Bocm15K001 factor over hits from Title"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/title/"
}
Factor {
Index: 1094
CppName: "FI_TEXT_BM11_NORM16384"
Name: "TextBm11Norm16384"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "Bm11Norm16384 factor over hits from Text"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/text/"
}
Factor {
Index: 1095
CppName: "FI_TEXT_BOCM11_NORM256"
Name: "TextBocm11Norm256"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "Bocm11Norm256 factor over hits from Text"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/text/"
}
Factor {
Index: 1096
CppName: "FI_TEXT_COSINE_MATCH_MAX_PREDICTION"
Name: "TextCosineMatchMaxPrediction"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "CosineMatchMaxPrediction factor over hits from Text"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/text/"
}
Factor {
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Index: 1097  
CppName: "FI\_FIELD\_SET1\_BM15\_FLOG\_K0001"  
Name: "FieldSet1Bm15FLogK0001"  
Ticket: ["SEARCH-1394"]  
Tags: [TG\_DYNAMIC, TG\_DOC\_TEXT, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_ANNOTATION\_FILTER, TG\_LINK\_TEXT, TG\_DEPRECATED, TG\_TEXT\_MACHINE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD]  
Description: "Bm15FLogK0001 factor over hits from FieldSet1 stream"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/text"  
}  
Factor {  
Index: 1098  
CppName: "FI\_FIELD\_SET2\_BM15\_FLOG\_K0001"  
Name: "FieldSet2Bm15FLogK0001"  
Ticket: ["SEARCH-1394"]  
Tags: [TG\_DYNAMIC, TG\_DOC\_TEXT, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_ANNOTATION\_FILTER, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_USERFEAT\_FIELDSET2]  
Description: "Bm15FLogK0001 factor over hits from FieldSet2 stream"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/text"  
}  
Factor {  
Index: 1099  
CppName: "FI\_FIELD\_SET3\_BCLM\_WEIGHTED\_FLOG\_WO\_K0001"  
Name: "FieldSet3BclmWeightedFLogWOK0001"  
Ticket: ["SEARCH-1394"]  
Tags: [TG\_DYNAMIC, TG\_DOC\_TEXT, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD]  
Description: "BclmWeightedFLogWOK0001 factor over hits from FieldSet3 stream"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/text"  
}  
Factor {  
Index: 1100  
CppName: "FI\_FIELD\_SET\_UT\_BM15\_FLOG\_WO\_K00001"  
Name: "FieldSetUTBm15FLogWOK00001"  
Ticket: ["SEARCH-1394"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_DOC\_TEXT, TG\_URL\_TEXT, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD]  
Description: "Bm15FLogWOK00001 factor over hits from FieldSetUT stream"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/text"  
}  
Factor {  
Index: 1101  
CppName: "FI\_BODY\_CHAIN0\_WCM"  
Name: "BodyChain0Wcm"  
Ticket: ["SEARCH-1394"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_DOC\_TEXT, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Chain0Wcm factor over hits from Body"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]

```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/body"
}
Factor {
Index: 1102
CppName: "FI_BODY_PAIR_MIN_PROXIMITY"
Name: "BodyPairMinProximity"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "PairMinProximity factor over hits from Body"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/body"
}
Factor {
Index: 1103
CppName: "FI_BODY_MIN_WINDOW_SIZE"
Name: "BodyMinWindowSize"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "MinWindowSize factor over hits from Body"
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/body"
}
Factor {
Index: 1104
CppName: "FI_POPULAR_SE_FRC_BROWSER_COSINE_MATCH_MAX_PREDICTION"
Name: "PopularSeFrcBrowserCosineMatchMaxPrediction"
Ticket: ["SEARCH-1394", "FACTOR-675"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_238D,
TG_NN_OVER_FEATURE_RFEATSE, TG_NN_OVER_FEATURE_RFEATSE]
Description: "CosineMatchMaxPrediction factor over hits from PopularSeFrcBrowser stream"
Authors: ["mbusel", "tsimkha", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Countries: CNT_RELEV
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/PopularSeFrcBrowser"
}
Factor {
Index: 1105
CppName: "FI_DOUBLE_FRC_MIX_MATCH_WEIGHTED_VALUE"
Name: "DoubleFrcMixMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "MixMatchWeightedValue factor over hits from DoubleFrc stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1106
CppName: "FI_DOUBLE_FRC_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "DoubleFrcAnnotationMaxValueWeighted"
Ticket: ["SEARCH-1394", "FACTOR-709"]
```

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Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "AnnotationMaxValueWeighted factor over hits from DoubleFrc stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1107
CppName: "FI_DOUBLE_FRC_ANNOTATION_MAX_VALUE"
Name: "DoubleFrcAnnotationMaxValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "AnnotationMaxValue factor over hits from DoubleFrc stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1108
CppName: "FI_DOUBLE_FRC_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "DoubleFrcAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "AnnotationMatchWeightedValue factor over hits from DoubleFrc stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1109
CppName: "FI_DOUBLE_FRC_ALL_WCM_WEIGHTED_VALUE"
Name: "DoubleFrcAllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "AllWcmWeightedValue factor over hits from DoubleFrc stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1110
CppName: "FI_DOUBLE_FRC_ALL_WCM_MATCH95_AVG_VALUE"
Name: "DoubleFrcAllWcmMatch95AvgValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "AllWcmMatch95AvgValue factor over hits from DoubleFrc stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
```

```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1111
CppName: "FI_DOUBLE_FRC_ALL_WCM_WEIGHTED_PREDICTION"
Name: "DoubleFrcAllWcmWeightedPrediction"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "AllWcmWeightedPrediction factor over hits from DoubleFrc stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1112
CppName: "FI_DOUBLE_FRC_ALL_WCM_MATCH80_AVG_VALUE"
Name: "DoubleFrcAllWcmMatch80AvgValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "AllWcmMatch80AvgValue factor over hits from DoubleFrc stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1113
CppName: "FI_DOUBLE_FRC_FULL_MATCH_VALUE"
Name: "DoubleFrcFullMatchValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "FullMatchValue factor over hits from DoubleFrc stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1114
CppName: "FI_DOUBLE_FRC_FULL_MATCH_ANY_VALUE"
Name: "DoubleFrcFullMatchAnyValue"
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "FullMatchAnyValue factor over hits from DoubleFrc stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1115
CppName: "FI_DOUBLE_FRC_EXACT_QUERY_MATCH_AVG_VALUE"
Name: "DoubleFrcExactQueryMatchAvgValue"
```

```
Ticket: ["SEARCH-1394", "FACTOR-709"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "ExactQueryMatchAvgValue factor over hits from DoubleFrc stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["tarum", "niknik"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DoubleFrc"
}
Factor {
Index: 1116
CppName: "FI_ONE_CLICK_FRC_XF_SP_BCLM_MIX_PLAIN_KEY5"
Name: "OneClickFrcXfSpBclmMixPlainKE5"
Ticket: ["SEARCH-1394", "FACTOR-818"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "BclmMixPlainKE5 factor over hits from OneClickFrcXfSp stream"
Authors: ["avatar", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "avatar", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
}
Factor {
Index: 1117
CppName: "FI_ONE_CLICK_FRC_XF_SP_BM15_STRICT_ANNOTATION_K01"
Name: "OneClickFrcXfSpBm15StrictAnnotationK01"
Ticket: ["SEARCH-1394", "FACTOR-818"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "Bm15StrictAnnotationK01 factor over hits from OneClickFrcXfSp stream"
Authors: ["avatar", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "avatar", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
}
Factor {
Index: 1118
CppName: "FI_ONE_CLICK_FRC_XF_SP_ALL_WCM_WEIGHTED_VALUE"
Name: "OneClickFrcXfSpAllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-818"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AllWcmWeightedValue factor over hits from OneClickFrcXfSp stream"
Authors: ["avatar", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "avatar", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
}
Factor {
Index: 1119
CppName: "FI_ONE_CLICK_FRC_XF_SP_ALL_WCM_WEIGHTED_PREDICTION"
Name: "OneClickFrcXfSpAllWcmWeightedPrediction"
Ticket: ["SEARCH-1394", "FACTOR-818"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AllWcmWeightedPrediction factor over hits from OneClickFrcXfSp stream"
Authors: ["avatar", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "avatar", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"
}
Factor {
```

Index: 1120

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_ALL\_WCM\_MATCH80\_AVG\_VALUE"

Name: "OneClickFrcXfSpAllWcmMatch80AvgValue"

Ticket: ["SEARCH-1394", "FACTOR-818"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_TEXT\_MACHINE, TG\_DEPRECATED, TG\_REMOVED]

Description: "AllWcmMatch80AvgValue factor over hits from OneClickFrcXfSp stream"

Authors: ["avatar", "yustuken", "ilnurkh"]

Responsibles: ["yustuken", "avatar", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

}

Factor {

Index: 1121

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_MIX\_MATCH\_WEIGHTED\_VALUE"

Name: "OneClickFrcXfSpMixMatchWeightedValue"

Ticket: ["SEARCH-1394", "FACTOR-818"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_TEXT\_MACHINE, TG\_DEPRECATED, TG\_REMOVED]

Description: "MixMatchWeightedValue factor over hits from OneClickFrcXfSp stream"

Authors: ["avatar", "yustuken", "ilnurkh"]

Responsibles: ["yustuken", "avatar", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

}

Factor {

Index: 1122

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"

Name: "OneClickFrcXfSpAnnotationMatchWeightedValue"

Ticket: ["SEARCH-1394", "FACTOR-818"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_TEXT\_MACHINE, TG\_DEPRECATED, TG\_REMOVED]

Description: "AnnotationMatchWeightedValue factor over hits from OneClickFrcXfSp stream"

Authors: ["avatar", "yustuken", "ilnurkh"]

Responsibles: ["yustuken", "avatar", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

}

Factor {

Index: 1123

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_BCLM\_PLANE\_PROXIMITY1\_BM15\_W0\_SIZE1\_K0001"

Name: "OneClickFrcXfSpBclmPlaneProximity1Bm15W0Size1K0001"

Ticket: ["SEARCH-1394", "FACTOR-818"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_TEXT\_MACHINE, TG\_DEPRECATED, TG\_REMOVED]

Description: "BclmPlaneProximity1Bm15W0Size1K0001 factor over hits from OneClickFrcXfSp stream"

Authors: ["avatar", "yustuken", "ilnurkh"]

Responsibles: ["yustuken", "avatar", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

}

Factor {

Index: 1124

CppName: "FI\_ONE\_CLICK\_FRC\_XF\_SP\_BCLM\_WEIGHTED\_PROXIMITY1\_BM15\_SIZE1\_K001"

Name: "OneClickFrcXfSpBclmWeightedProximity1Bm15Size1K001"

Ticket: ["SEARCH-1394", "FACTOR-818"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_TEXT\_MACHINE, TG\_DEPRECATED, TG\_REMOVED]

Description: "BclmWeightedProximity1Bm15Size1K001 factor over hits from OneClickFrcXfSp stream"

Authors: ["avatar", "yustuken", "ilnurkh"]

Responsibles: ["yustuken", "avatar", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/OneClickFrcXfSp"

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}
Factor {
Index: 1125
CppName: "FI_BQPRSAMPLE_BCLM_MIX_PLAIN_KE5"
Name: "BQPRSampleBclmMixPlainKE5"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "BclmMixPlainKE5 factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1126
CppName: "FI_BQPRSAMPLE_ALL_WCM_WEIGHTED_VALUE"
Name: "BQPRSampleAllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "AllWcmWeightedValue factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1127
CppName: "FI_BQPRSAMPLE_ALL_WCM_WEIGHTED_PREDICTION"
Name: "BQPRSampleAllWcmWeightedPrediction"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "AllWcmWeightedPrediction factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1128
CppName: "FI_BQPRSAMPLE_ALL_WCM_MAX_PREDICTION"
Name: "BQPRSampleAllWcmMaxPrediction"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "AllWcmMaxPrediction factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
```



Index: 1129

CppName: "FI\_BQPRSAMPLE\_ALL\_WCM\_MATCH80\_AVG\_VALUE"

Name: "BQPRTSampleAllWcmMatch80AvgValue"

Ticket: ["SEARCH-1394", "FACTOR-799"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_BROWSER\_QUERY\_PAGE\_RANK\_SAMPLE]

Description: "AllWcmMatch80AvgValue factor over hits from BQPRTSample stream"

Authors: ["asandler", "ilnurkh"]

Responsibles: ["asandler", "avatar"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRTSample"

}

Factor {

Index: 1130

CppName: "FI\_BQPRSAMPLE\_MIX\_MATCH\_WEIGHTED\_VALUE"

Name: "BQPRTSampleMixMatchWeightedValue"

Ticket: ["SEARCH-1394", "FACTOR-799"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_BROWSER\_QUERY\_PAGE\_RANK\_SAMPLE]

Description: "MixMatchWeightedValue factor over hits from BQPRTSample stream"

Authors: ["asandler", "ilnurkh"]

Responsibles: ["asandler", "avatar"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRTSample"

}

Factor {

Index: 1131

CppName: "FI\_BQPRSAMPLE\_COSINE\_MATCH\_MAX\_PREDICTION"

Name: "BQPRTSampleCosineMatchMaxPrediction"

Ticket: ["SEARCH-1394", "FACTOR-799"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_BROWSER\_QUERY\_PAGE\_RANK\_SAMPLE]

Description: "CosineMatchMaxPrediction factor over hits from BQPRTSample stream"

Authors: ["asandler", "ilnurkh"]

Responsibles: ["asandler", "avatar"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRTSample"

}

Factor {

Index: 1132

CppName: "FI\_BQPRSAMPLE\_ANNOTATION\_MAX\_VALUE\_WEIGHTED"

Name: "BQPRTSampleAnnotationMaxValueWeighted"

Ticket: ["SEARCH-1394", "FACTOR-799"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_BROWSER\_QUERY\_PAGE\_RANK\_SAMPLE]

Description: "AnnotationMaxValueWeighted factor over hits from BQPRTSample stream"

Authors: ["asandler", "ilnurkh"]

Responsibles: ["asandler", "avatar"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRTSample"

}

Factor {

Index: 1133

CppName: "FI\_BQPRSAMPLE\_ANNOTATION\_MAX\_VALUE"

```
Name: "BQPRSampleAnnotationMaxValue"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "AnnotationMaxValue factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1134
CppName: "FI_BQPRSAMPLE_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "BQPRSampleAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "AnnotationMatchWeightedValue factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1135
CppName: "FI_BQPRSAMPLE_BOCM15_K001"
Name: "BQPRSampleBocm15K001"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "Bocm15K001 factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1136
CppName: "FI_BQPRSAMPLE_BCLM_PLANE_PROXIMITY1_BM15_W0_SIZE1_K0001"
Name: "BQPRSampleBclmPlaneProximity1Bm15W0Size1K0001"
Ticket: ["SEARCH-1394", "FACTOR-799"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "BclmPlaneProximity1Bm15W0Size1K0001 factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1137
CppName: "FI_BQPRSAMPLE_BCLM_WEIGHTED_PROXIMITY1_BM15_SIZE1_K001"
Name: "BQPRSampleBclmWeightedProximity1Bm15Size1K001"
Ticket: ["SEARCH-1394", "FACTOR-799"]
```

```
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE]
Description: "BclmWeightedProximity1Bm15Size1K001 factor over hits from BQPRSample stream"
Authors: ["asandler", "ilnurkh"]
Responsibles: ["asandler", "avatar"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/BQPRSample"
}
Factor {
Index: 1138
CppName: "FI_LONG_CLICK_SP_BCLM_PLANE_PROXIMITY1_BM15_W0_SIZE1_K0001"
Name: "LongClickSPBclmPlaneProximity1Bm15W0Size1K0001"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "BclmPlaneProximity1Bm15W0Size1K0001 factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1139
CppName: "FI_LONG_CLICK_SP_BM15_MAX_ANNOTATION_K001"
Name: "LongClickSPBm15MaxAnnotationK001"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "Bm15MaxAnnotationK001 factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1140
CppName: "FI_LONG_CLICK_SP_FULL_MATCH_VALUE"
Name: "LongClickSPFullMatchValue"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "FullMatchValue factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1141
CppName: "FI_LONG_CLICK_SP_MIX_MATCH_WEIGHTED_VALUE"
Name: "LongClickSPMixMatchWeightedValue"
```

```
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "MixMatchWeightedValue factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1142
CppName: "FI_LONG_CLICK_SP_COSINE_MATCH_MAX_PREDICTION"
Name: "LongClickSPCosineMatchMaxPrediction"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "CosineMatchMaxPrediction factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1143
CppName: "FI_LONG_CLICK_SP_ANNOTATION_MAX_VALUE"
Name: "LongClickSPAnnotationMaxValue"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "AnnotationMaxValue factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1144
CppName: "FI_LONG_CLICK_SP_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "LongClickSPAnnotationMaxValueWeighted"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "AnnotationMaxValueWeighted factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1145
```

```
CppName: "FI_LONG_CLICK_SP_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "LongClickSPAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "AnnotationMatchWeightedValue factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1146
CppName: "FI_LONG_CLICK_SP_ALL_WCM_MATCH95_AVG_VALUE"
Name: "LongClickSPAllWcmMatch95AvgValue"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "AllWcmMatch95AvgValue factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1147
CppName: "FI_LONG_CLICK_SP_ALL_WCM_WEIGHTED_VALUE"
Name: "LongClickSPAllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "AllWcmWeightedValue factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1148
CppName: "FI_LONG_CLICK_SP_ALL_WCM_MAX_MATCH"
Name: "LongClickSPAllWcmMaxMatch"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "AllWcmMaxMatch factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
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Factor {
Index: 1149
CppName: "FI_LONG_CLICK_SP_ALL_WCM_WEIGHTED_PREDICTION"
Name: "LongClickSPAllWcmWeightedPrediction"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "AllWcmWeightedPrediction factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1150
CppName: "FI_LONG_CLICK_SP_BOCM15_K001"
Name: "LongClickSPBocm15K001"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "Bocm15K001 factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1151
CppName: "FI_LONG_CLICK_SP_QUERY_PREFIX_MATCH_ORIGINAL_WORD_VALUE"
Name: "LongClickSPQueryPrefixMatchOriginalWordValue"
Ticket: ["SEARCH-1394", "FACTOR-685"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3,
TG_DEPRECATED]
Description: "QueryPrefixMatchOriginalWordValue factor over hits from LongClickSP stream"
Authors: ["pavelgur", "tsimkha", "ilnurkh"]
Responsibles: ["yustuken", "diver", "tsimkha"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClickSP"
}
Factor {
Index: 1152
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_BCLM_PLANE_PROXIMITY1_BM15_W0_SIZE1_K0001"
Name: "SamplePeriodDayFrcBclmPlaneProximity1Bm15W0Size1K0001"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "BclmPlaneProximity1Bm15W0Size1K0001 factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
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}
Factor {
Index: 1153
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_ATTEN_V1_BM15_K05"
Name: "SamplePeriodDayFrcAttenV1Bm15K05"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "AttenV1Bm15K05 factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
Index: 1154
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_FULL_MATCH_VALUE"
Name: "SamplePeriodDayFrcFullMatchValue"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "FullMatchValue factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
Index: 1155
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_FULL_MATCH_ANY_VALUE"
Name: "SamplePeriodDayFrcFullMatchAnyValue"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "FullMatchAnyValue factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
Index: 1156
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_ALL_WCM_WEIGHTED_VALUE"
Name: "SamplePeriodDayFrcAllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "AllWcmWeightedValue factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
```

Index: 1157

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_ALL\_WCM\_WEIGHTED\_PREDICTION"

Name: "SamplePeriodDayFrcAllWcmWeightedPrediction"

Ticket: ["SEARCH-1394", "FACTOR-605"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_USF\_SAMPLE\_PERIOD]

Description: "AllWcmWeightedPrediction factor over hits from SamplePeriodDayFrc stream"

Authors: ["pavelgur", "ilnurkh"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"

}

Factor {

Index: 1158

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_ALL\_WCM\_MATCH95\_AVG\_VALUE"

Name: "SamplePeriodDayFrcAllWcmMatch95AvgValue"

Ticket: ["SEARCH-1394", "FACTOR-605"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_USF\_SAMPLE\_PERIOD]

Description: "AllWcmMatch95AvgValue factor over hits from SamplePeriodDayFrc stream"

Authors: ["pavelgur", "ilnurkh"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"

}

Factor {

Index: 1159

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_ALL\_WCM\_MATCH80\_AVG\_VALUE"

Name: "SamplePeriodDayFrcAllWcmMatch80AvgValue"

Ticket: ["SEARCH-1394", "FACTOR-605"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_USF\_SAMPLE\_PERIOD]

Description: "AllWcmMatch80AvgValue factor over hits from SamplePeriodDayFrc stream"

Authors: ["pavelgur", "ilnurkh"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"

}

Factor {

Index: 1160

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_MIX\_MATCH\_WEIGHTED\_VALUE"

Name: "SamplePeriodDayFrcMixMatchWeightedValue"

Ticket: ["SEARCH-1394", "FACTOR-605"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_USF\_SAMPLE\_PERIOD]

Description: "MixMatchWeightedValue factor over hits from SamplePeriodDayFrc stream"

Authors: ["pavelgur", "ilnurkh"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"

}

Factor {

Index: 1161

CppName: "FI\_SAMPLE\_PERIOD\_DAY\_FRC\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"



```
Name: "SamplePeriodDayFrcAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "AnnotationMatchWeightedValue factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
Index: 1162
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_ANNOTATION_MAX_VALUE"
Name: "SamplePeriodDayFrcAnnotationMaxValue"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "AnnotationMaxValue factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
Index: 1163
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "SamplePeriodDayFrcAnnotationMaxValueWeighted"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "AnnotationMaxValueWeighted factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
Index: 1164
CppName: "FI_SAMPLE_PERIOD_DAY_FRC_BOCM15_K001"
Name: "SamplePeriodDayFrcBocm15K001"
Ticket: ["SEARCH-1394", "FACTOR-605"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_USF_SAMPLE_PERIOD]
Description: "Bocm15K001 factor over hits from SamplePeriodDayFrc stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/sampleperiod"
}
Factor {
Index: 1165
CppName: "FI_CORRECTED_CTR_XFACTOR_ALL_WCM_WEIGHTED_VALUE"
Name: "CorrectedCtrXFactorAllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-716"]
```

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Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AllWcmWeightedValue factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafir", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1166
CppName: "FI_CORRECTED_CTR_XFACTOR_ALL_WCM_MAX_PREDICTION"
Name: "CorrectedCtrXFactorAllWcmMaxPrediction"
Ticket: ["SEARCH-1394", "FACTOR-716"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AllWcmMaxPrediction factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafir", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1167
CppName: "FI_CORRECTED_CTR_XFACTOR_ALL_WCM_WEIGHTED_PREDICTION"
Name: "CorrectedCtrXFactorAllWcmWeightedPrediction"
Ticket: ["SEARCH-1394", "FACTOR-716"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AllWcmWeightedPrediction factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafir", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1168
CppName: "FI_CORRECTED_CTR_XFACTOR_ALL_WCM_MATCH80_AVG_VALUE"
Name: "CorrectedCtrXFactorAllWcmMatch80AvgValue"
Ticket: ["SEARCH-1394", "FACTOR-716"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AllWcmMatch80AvgValue factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafir", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1169
CppName: "FI_CORRECTED_CTR_XFACTOR_MIX_MATCH_WEIGHTED_VALUE"
Name: "CorrectedCtrXFactorMixMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-716"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "MixMatchWeightedValue factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafir", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
```

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Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1170
CppName: "FI_CORRECTED_CTR_XFACTOR_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "CorrectedCtrXFactorAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-716"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AnnotationMatchWeightedValue factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafr", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1171
CppName: "FI_CORRECTED_CTR_XFACTOR_BCLM_PLANE_PROXIMITY1_BM15_W0_SIZE1_K001"
Name: "CorrectedCtrXFactorBclmPlaneProximity1Bm15W0Size1K001"
Ticket: ["SEARCH-1394", "FACTOR-716"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "BclmPlaneProximity1Bm15W0Size1K001 factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafr", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1172
CppName: "FI_CORRECTED_CTR_XFACTOR_BCLM_WEIGHTED_PROXIMITY1_BM15_SIZE1_K001"
Name: "CorrectedCtrXFactorBclmWeightedProximity1Bm15Size1K001"
Ticket: ["SEARCH-1394", "FACTOR-716"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "BclmWeightedProximity1Bm15Size1K001 factor over hits from CorrectedCtrXFactor stream"
Authors: ["alsafr", "avatar", "vvp", "ilnurkh"]
Responsibles: ["yustuken", "diver", "avatar"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/correctedctrxfactor"
}
Factor {
Index: 1173
CppName: "FI_LONG_CLICK_ALL_WCM_MAX_PREDICTION"
Name: "LongClickAllWcmMaxPrediction"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AllWcmMaxPrediction factor over hits from LongClick stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1174
```

```
CppName: "FI_LONG_CLICK_MIX_MATCH_WEIGHTED_VALUE"
Name: "LongClickMixMatchWeightedValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "MixMatchWeightedValue factor over hits from LongClick stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1175
CppName: "FI_LONG_CLICK_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "LongClickAnnotationMaxValueWeighted"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AnnotationMaxValueWeighted factor over hits from LongClick stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1176
CppName: "FI_LONG_CLICK_FULL_MATCH_VALUE"
Name: "LongClickFullMatchValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "FullMatchValue factor over hits from LongClick stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1177
CppName: "FI_LONG_CLICK_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "LongClickAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AnnotationMatchWeightedValue factor over hits from LongClick stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1178
CppName: "FI_SIMPLE_CLICK_ALL_WCM_WEIGHTED_VALUE"
Name: "SimpleClickAllWcmWeightedValue"
```

```
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AllWcmWeightedValue factor over hits from SimpleClick stream"
Authors: ["monnoroch", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/SimpleClick"
}
Factor {
Index: 1179
CppName: "FI_SIMPLE_CLICK_ALL_WCM_WEIGHTED_PREDICTION"
Name: "SimpleClickAllWcmWeightedPrediction"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AllWcmWeightedPrediction factor over hits from SimpleClick stream"
Authors: ["monnoroch", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/SimpleClick"
}
Factor {
Index: 1180
CppName: "FI_SIMPLE_CLICK_ALL_WCM_MAX_PREDICTION"
Name: "SimpleClickAllWcmMaxPrediction"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AllWcmMaxPrediction factor over hits from SimpleClick stream"
Authors: ["monnoroch", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/SimpleClick"
}
Factor {
Index: 1181
CppName: "FI_SIMPLE_CLICK_MIX_MATCH_WEIGHTED_VALUE"
Name: "SimpleClickMixMatchWeightedValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "MixMatchWeightedValue factor over hits from SimpleClick stream"
Authors: ["monnoroch", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/streams/SimpleClick"
}
Factor {
Index: 1182
CppName: "FI_SIMPLE_CLICK_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "SimpleClickAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AnnotationMatchWeightedValue factor over hits from SimpleClick stream"
Authors: ["monnoroch", "ilnurkh"]
```

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Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/SimpleClick"
}
Factor {
Index: 1183
CppName: "FI_BROWSER_PAGE_RANK_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "BrowserPageRankAnnotationMaxValueWeighted"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_238D, TG_USERFEAT_BROWSER_QUERY_PAGE_RANK]
Description: "AnnotationMaxValueWeighted factor over hits from BrowserPageRank stream"
Authors: ["smikler", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/BrowserPageRank"
}
Factor {
Index: 1184
CppName: "FI_BROWSER_PAGE_RANK_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "BrowserPageRankAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_238D, TG_USERFEAT_BROWSER_QUERY_PAGE_RANK]
Description: "AnnotationMatchWeightedValue factor over hits from BrowserPageRank stream"
Authors: ["smikler", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/BrowserPageRank"
}
Factor {
Index: 1185
CppName: "FI_BROWSER_PAGE_RANK_ANNOTATION_MAX_VALUE"
Name: "BrowserPageRankAnnotationMaxValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_238D, TG_USERFEAT_BROWSER_QUERY_PAGE_RANK]
Description: "AnnotationMaxValue factor over hits from BrowserPageRank stream"
Authors: ["smikler", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/BrowserPageRank"
}
Factor {
Index: 1186
CppName: "FI_BROWSER_PAGE_RANK_BOCM15_K001"
Name: "BrowserPageRankBocm15K001"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_BROWSER, TG_USER_EXT_DATA, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_238D, TG_USERFEAT_BROWSER_QUERY_PAGE_RANK]
Description: "Bocm15K001 factor over hits from BrowserPageRank stream"
Authors: ["smikler", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/BrowserPageRank"
```

```
}
Factor {
Index: 1187
CppName: "FI_ONE_CLICK_MIX_MATCH_WEIGHTED_VALUE"
Name: "OneClickMixMatchWeightedValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "MixMatchWeightedValue factor over hits from OneClick stream"
Authors: ["alsifr", "pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/OneClick"
}
Factor {
Index: 1188
CppName: "FI_ONE_CLICK_FULL_MATCH_VALUE"
Name: "OneClickFullMatchValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "FullMatchValue factor over hits from OneClick stream"
Authors: ["alsifr", "pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/OneClick"
}
Factor {
Index: 1189
CppName: "FI_ONE_CLICK_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "OneClickAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AnnotationMatchWeightedValue factor over hits from OneClick stream"
Authors: ["alsifr", "pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/OneClick"
}
Factor {
Index: 1190
CppName: "FI_SPLIT_DWELL_TIME_ALL_WCM_WEIGHTED_PREDICTION"
Name: "SplitDwellTimeAllWcmWeightedPrediction"
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AllWcmWeightedPrediction factor over hits from SplitDwellTime stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/SplitDwellTime"
}
Factor {
Index: 1191
CppName: "FI_SPLIT_DWELL_TIME_BM15_MAX_ANNOTATION_K001"
Name: "SplitDwellTimeBm15MaxAnnotationK001"
```

```
Ticket: ["SEARCH-1394"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "Bm15MaxAnnotationK001 factor over hits from SplitDwellTime stream"
Authors: ["pavelgur", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/SplitDwellTime"
}
Factor {
Index: 1192
CppName: "FI_QUERY_DWELL_TIME_BCLM_WEIGHTED_PROXIMITY1_BM15_SIZE1_K0001"
Name: "QueryDwellTimeBclmWeightedProximity1Bm15Size1K0001"
Ticket: ["SEARCH-1394", "FACTOR-820"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "BclmWeightedProximity1Bm15Size1K0001 factor over hits from QueryDwellTime stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
}
Factor {
Index: 1193
CppName: "FI_QUERY_DWELL_TIME_ATTEN_V1_BM15_K001"
Name: "QueryDwellTimeAttenV1Bm15K001"
Ticket: ["SEARCH-1394", "FACTOR-820"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "AttenV1Bm15K001 factor over hits from QueryDwellTime stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
}
Factor {
Index: 1194
CppName: "FI_QUERY_DWELL_TIME_MIX_MATCH_WEIGHTED_VALUE"
Name: "QueryDwellTimeMixMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-820"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "MixMatchWeightedValue factor over hits from QueryDwellTime stream"
Authors: ["alsifr", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
}
Factor {
Index: 1195
CppName: "FI_QUERY_DWELL_TIME_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "QueryDwellTimeAnnotationMaxValueWeighted"
Ticket: ["SEARCH-1394", "FACTOR-820"]
```



```
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "AnnotationMaxValueWeighted factor over hits from QueryDwellTime stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
}
Factor {
Index: 1196
CppName: "FI_QUERY_DWELL_TIME_ANNOTATION_MAX_VALUE"
Name: "QueryDwellTimeAnnotationMaxValue"
Ticket: ["SEARCH-1394", "FACTOR-820"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "AnnotationMaxValue factor over hits from QueryDwellTime stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
}
Factor {
Index: 1197
CppName: "FI_QUERY_DWELL_TIME_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "QueryDwellTimeAnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-820"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "AnnotationMatchWeightedValue factor over hits from QueryDwellTime stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
}
Factor {
Index: 1198
CppName: "FI_QUERY_DWELL_TIME_ALL_WCM_WEIGHTED_VALUE"
Name: "QueryDwellTimeAllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-820"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "AllWcmWeightedValue factor over hits from QueryDwellTime stream"
Authors: ["alsafr", "yustuken", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"
}
Factor {
Index: 1199
CppName: "FI_QUERY_DWELL_TIME_ALL_WCM_MATCH80_AVG_VALUE"
Name: "QueryDwellTimeAllWcmMatch80AvgValue"
Ticket: ["SEARCH-1394", "FACTOR-820"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
```

TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]  
Description: "AllWcmMatch80AvgValue factor over hits from QueryDwellTime stream"  
Authors: ["alsافر", "yustuken", "ilnurkh"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryDwellTime"  
}  
Factor {  
Index: 1200  
CppName: "FI\_RANDOM\_LOG\_DBM35\_BCLM\_PLANE\_PROXIMITY1\_BM15\_W0\_SIZE1\_K0001"  
Name: "RandomLogDBM35BclmPlaneProximity1Bm15W0Size1K0001"  
Ticket: ["SEARCH-1394", "FACTOR-579"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_LINK\_TEXT, TG\_DEPRECATED, TG\_TEXT\_MACHINE, TG\_REMOVED]  
Description: "BclmPlaneProximity1Bm15W0Size1K0001 factor over hits from RandomLogDBM35 stream"  
Countries: [CNT\_TR]  
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
}  
Factor {  
Index: 1201  
CppName: "FI\_RANDOM\_LOG\_DBM35\_BM15\_STRICT\_ANNOTATION\_K001"  
Name: "RandomLogDBM35Bm15StrictAnnotationK001"  
Ticket: ["SEARCH-1394", "FACTOR-579"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_LINK\_TEXT, TG\_DEPRECATED, TG\_TEXT\_MACHINE, TG\_REMOVED]  
Description: "Bm15StrictAnnotationK001 factor over hits from RandomLogDBM35 stream"  
Countries: [CNT\_TR]  
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
}  
Factor {  
Index: 1202  
CppName: "FI\_RANDOM\_LOG\_DBM35\_MIX\_MATCH\_WEIGHTED\_VALUE"  
Name: "RandomLogDBM35MixMatchWeightedValue"  
Ticket: ["SEARCH-1394", "FACTOR-579"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_LINK\_TEXT, TG\_DEPRECATED, TG\_TEXT\_MACHINE, TG\_REMOVED]  
Description: "MixMatchWeightedValue factor over hits from RandomLogDBM35 stream"  
Countries: [CNT\_TR]  
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"  
}  
Factor {  
Index: 1203  
CppName: "FI\_RANDOM\_LOG\_DBM35\_ANNOTATION\_MAX\_VALUE\_WEIGHTED"  
Name: "RandomLogDBM35AnnotationMaxValueWeighted"  
Ticket: ["SEARCH-1394", "FACTOR-579"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_LINK\_TEXT, TG\_DEPRECATED, TG\_TEXT\_MACHINE, TG\_REMOVED]  
Description: "AnnotationMaxValueWeighted factor over hits from RandomLogDBM35 stream"  
Countries: [CNT\_TR]  
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"

```
}
Factor {
Index: 1204
CppName: "FI_RANDOM_LOG_DBM35_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "RandomLogDBM35AnnotationMatchWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-579"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_LINK_TEXT, TG_DEPRECATED, TG_TEXT_MACHINE, TG_REMOVED]
Description: "AnnotationMatchWeightedValue factor over hits from RandomLogDBM35 stream"
Countries: [CNT_TR]
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"
}
Factor {
Index: 1205
CppName: "FI_RANDOM_LOG_DBM35_ALL_WCM_WEIGHTED_VALUE"
Name: "RandomLogDBM35AllWcmWeightedValue"
Ticket: ["SEARCH-1394", "FACTOR-579"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_LINK_TEXT, TG_DEPRECATED, TG_TEXT_MACHINE, TG_REMOVED]
Description: "AllWcmWeightedValue factor over hits from RandomLogDBM35 stream"
Countries: [CNT_TR]
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"
}
Factor {
Index: 1206
CppName: "FI_RANDOM_LOG_DBM35_FULL_MATCH_VALUE"
Name: "RandomLogDBM35FullMatchValue"
Ticket: ["SEARCH-1394", "FACTOR-579"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_LINK_TEXT, TG_DEPRECATED, TG_TEXT_MACHINE, TG_REMOVED]
Description: "FullMatchValue factor over hits from RandomLogDBM35 stream"
Countries: [CNT_TR]
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"
}
Factor {
Index: 1207
CppName: "FI_RANDOM_LOG_DBM35_EXACT_QUERY_MATCH_AVG_VALUE"
Name: "RandomLogDBM35ExactQueryMatchAvgValue"
Ticket: ["SEARCH-1394", "FACTOR-579"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_LINK_TEXT, TG_DEPRECATED, TG_TEXT_MACHINE, TG_REMOVED]
Description: "ExactQueryMatchAvgValue factor over hits from RandomLogDBM35 stream"
Countries: [CNT_TR]
Authors: ["alsافر", "avatar", "akhropov", "ilnurkh"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogDBM35"
}
Factor {
Index: 1208
CppName: "FI_IS_RELEV_LOCALE_ID"
Name: "IsRelevLocaleID"
DependsOn: [{"Feature": "IsRelevLocaleID"}, {"Slice": "begemot_query_factors"}]
```

Ticket: "QREG-116"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/getrelevancelocale/"  
Tags: [TG\_BINARY, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_DEPRECATED]  
Countries: [CNT\_ALL]  
Description: "relev\_locale == id"  
Authors: ["yazevnul", "esoloviev"]  
Responsibles: ["yazevnul", "esoloviev"]  
}  
Factor {  
Index: 1209  
CppName: "FI\_IS\_MOBILE\_BEAUTY"  
Name: "IsMobileBeauty"  
Ticket: "FACTOR-908"  
Tags: [TG\_STATIC, TG\_DOC, TG\_BINARY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Countries: [CNT\_ALL]  
Description: "A binary factor about document mobile responsiveness. Taken from erf"  
Authors: ["mklimushkin", "bermud"]  
Responsibles: ["mbusel", "bermud"]  
}  
Factor {  
Index: 1210  
CppName: "FI\_FOREIGN\_DOMAIN"  
Name: "ForeignDomain"  
Ticket: "FACTOR-896"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_BINARY, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "In cases where FI\_NATIONAL\_DOMAIN is 0 and herf.NationalDomainId is full set to 1"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/ForeignDomain"  
Authors: "mstenina"  
Responsibles: "avatar"  
}  
Factor {  
Index: 1211  
CppName: "FI\_XF\_DT\_SHOW\_ALL\_MAX\_WF\_QUERY\_DWELL\_TIME\_MIX\_MATCH\_WEIGHTED\_VALUE"  
Name: "XfDtShowAllMaxWfQueryDwellTimeMixMatchWeightedValue"  
Ticket: "FACTOR-916"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: MixMatchWeightedValue by QueryDwellTime stream. Maximum weighted factor value by extensions."  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Authors: ["ilnurkh"]  
Responsibles: ["yustuken", "diver"]  
}  
Factor {  
Index: 1212  
CppName: "FI\_XF\_DT\_SHOW\_ALL\_SUM\_WF\_SUM\_W\_QUERY\_DWELL\_TIME\_MIX\_MATCH\_WEIGHTED\_VALUE"  
Name: "XfDtShowTopSumWFSumWQueryDwellTimeMixMatchWeightedValue"  
Ticket: "FACTOR-916"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

```
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: MixMatchWeightedValue by QueryDwellTime stream. Weighted average of factor by extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Authors: ["ilnurkh"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1213
CppName: "FI_XF_DT_SHOW_TOP_MIN_WF_QUERY_DWELL_TIME_MIX_MATCH_WEIGHTED_VALUE"
Name: "XfDtShowTopMinWFQueryDwellTimeMixMatchWeightedValue"
Ticket: "FACTOR-916"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LINGBOOST, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: MixMatchWeightedValue by QueryDwellTime stream. Minimum weighted factor value by extension top."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Authors: ["ilnurkh"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1214
CppName: "FI_XF_DT_SHOW_TOP_MIN_WF_QUERY_DWELL_TIME_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "XfDtShowTopMinWFQueryDwellTimeAnnotationMatchWeightedValue"
Ticket: "FACTOR-916"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LINGBOOST, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: AnnotationMatchWeightedValue by QueryDwellTime stream. Minimum weighted factor value by extension top."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Authors: ["ilnurkh"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1215
CppName: "FI_XF_DT_SHOW_ALL_MAX_WF_QUERY_DWELL_TIME_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "XfDtShowAllMaxWFQueryDwellTimeAnnotationMatchWeightedValue"
Ticket: "FACTOR-916"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LINGBOOST, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: AnnotationMatchWeightedValue by QueryDwellTime stream. Maximum weighted factor value by extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Authors: ["ilnurkh"]
Responsibles: ["yustuken", "diver"]
}
```

```
Factor {
Index: 1216
CppName: "FI_XF_DT_SHOW_TOP_SUM_WF_SUM_W_QUERY_DWELL_TIME_ALL_WCM_MATCH95_AVG_VALUE"
Name: "XfDtShowTopSumWFSumWQueryDwellTimeAllWcmMatch95AvgValue"
Ticket: "FACTOR-916"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_LINGBOOST, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2,
TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: AllWcmMatch95AvgValue by
QueryDwellTime stream. Weighted average of the factor by top extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Authors: ["ilnurkh"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1217
CppName: "FI_XF_DT_SHOW_ALL_MAX_WF_BQPRSAMPLE_MIX_MATCH_WEIGHTED_VALUE"
Name: "XfDtShowAllMaxWFBQPRSampleMixMatchWeightedValue"
Ticket: "FACTOR-916"
Tags: [TG_DYNAMIC, TG_DOC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_BROWSER,
TG_USER_EXT_DATA, TG_ANNOTATION_NOFILTER, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT,
TG_USERFEAT_SAMPLE_PERIOD, TG_USERFEAT_BROWSER_QUERY_PAGE_RANK_SAMPLE,
TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: MixMatchWeightedValue by BQPRSample
stream. Maximum weighted factor value by extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Authors: ["ilnurkh"]
Responsibles: ["asandler", "avatar"]
}
Factor {
Index: 1218
CppName: "FI_XF_DT_SHOW_ALL_MAX_WF_DOUBLE_FRC_MIX_MATCH_WEIGHTED_VALUE"
Name: "XfDtShowAllMaxWFDoubleFrcMixMatchWeightedValue"
Ticket: "FACTOR-916"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_LINGBOOST, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D,
TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: MixMatchWeightedValue by DoubleFrc
stream. Maximum weighted value of factor by extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Authors: ["ilnurkh"]
Responsibles: ["yustuken", "diver"]
}
Factor {
Index: 1219
CppName: "FI_DSSM_LONG_MIDDLE_SHORT_VS_HARD_CLICKS"
Name: "DssmLongMiddleShortVsHardClicks"
Ticket: "FACTOR-861"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_DEPRECATED, TG_UNSUPPORTED]
Countries: [CNT_ALL]
```

Description: "DSSM model trained on clicks."  
UseArtifact: {Name: "DssmMulticlick"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"  
Authors: ["agusakov", "insight"]  
Responsibles: ["agusakov"]  
}  
Factor {  
Index: 1220  
CppName: "FI\_DSSM\_LONG\_VS\_SHORT\_MIDDLE\_HARD\_NO\_CLICKS"  
Name: "DssmLongVsMiddleShortNoClicks"  
Ticket: "FACTOR-861"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Countries: [CNT\_ALL]  
Description: "DSSM model trained on clicks."  
UseArtifact: {Name: "DssmMulticlick"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"  
Authors: ["agusakov", "insight"]  
Responsibles: ["agusakov"]  
}  
Factor {  
Index: 1221  
CppName: "FI\_DSSM\_MIDDLE\_VS\_SHORT\_LONG\_HARD\_NO\_CLICKS"  
Name: "DssmMiddleVsShortLongHardNoClicks"  
Ticket: "FACTOR-861"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Countries: [CNT\_ALL]  
Description: "DSSM model trained on clicks."  
UseArtifact: {Name: "DssmMulticlick"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"  
Authors: ["agusakov", "insight"]  
Responsibles: ["agusakov"]  
}  
Factor {  
Index: 1222  
CppName: "FI\_DSSM\_SHORT\_VS\_MIDDLE\_LONG\_HARD\_NO\_CLICKS"  
Name: "DssmShortVsMiddleLongHardNoClicks"  
Ticket: "FACTOR-861"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Countries: [CNT\_ALL]  
Description: "DSSM model trained on clicks."  
UseArtifact: {Name: "DssmMulticlick"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"  
Authors: ["agusakov", "insight"]  
Responsibles: ["agusakov"]  
}  
Factor {  
Index: 1223  
CppName: "FI\_DSSM\_NO\_VS\_SHORT\_MIDDLE\_LONG\_HARD\_CLICKS"  
Name: "DssmNOVsShortMiddleLongHardClicks"  
Ticket: "FACTOR-861"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Countries: [CNT\_ALL]  
Description: "DSSM model trained on clicks."  
UseArtifact: {Name: "DssmMulticlick"}  
}

```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"
Authors: ["agusakov", "insight"]
Responsibles: ["agusakov"]
}
Factor {
Index: 1224
CppName: "FI_DSSM_LONG_VS_SHORT_MIDDLE_HARD_CLICKS"
Name: "DssmLongVsShortMiddleHardClicks"
Ticket: "FACTOR-861"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_DEPRECATED, TG_UNSUPPORTED]
Countries: [CNT_ALL]
Description: "DSSM model trained on clicks."
UseArtifact: {Name: "DssmMulticlick"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"
Authors: ["agusakov", "insight"]
Responsibles: ["agusakov"]
}
Factor {
Index: 1225
CppName: "FI_DSSM_MIDDLE_LONG_VS_SHORT_HARD_CLICKS"
Name: "DssmMiddleLongVsShortHardClicks"
Ticket: "FACTOR-861"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_DEPRECATED, TG_UNSUPPORTED]
Countries: [CNT_ALL]
Description: "DSSM model trained on clicks."
UseArtifact: {Name: "DssmMulticlick"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"
Authors: ["agusakov", "insight"]
Responsibles: ["agusakov"]
}
Factor {
Index: 1226
CppName: "FI_DSSM_SHORT_MIDDLE_LONG_VS_HARD_NO_CLICKS"
Name: "DssmShortMiddleLongVsHardNoClicks"
Ticket: "FACTOR-861"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_DEPRECATED, TG_UNSUPPORTED]
Countries: [CNT_ALL]
Description: "DSSM model trained on clicks."
UseArtifact: {Name: "DssmMulticlick"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"
Authors: ["agusakov", "insight"]
Responsibles: ["agusakov"]
}
Factor {
Index: 1227
CppName: "FI_MEDICAL2_URL_QUALITY"
Name: "Medical2UrlQuality"
Ticket: "SENS-99"
Authors: ["hommforever"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Neural model of content quality for medical topics"
Tags: [TG_NEURAL, TG_STATIC, TG_NOT_01, TG_URL_TEXT, TG_DOC, TG_DOC_TEXT, TG_UNIMPLEMENTED,
TG_UNUSED, TG_REARR_USE]
MinValue: -10
MaxValue: 10
```



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}
Factor {
Index: 1228
CppName: "FI_IS_DESKTOP_REQUEST"
Name: "IsDesktopRequest"
DependsOn: [{"Feature": ["IsDesktopRequest"], "Slice": "begemot_query_factors"}]
Ticket: "FORMULA-686"
Wiki: "https://wiki.yandex-team.ru/users/lpshka/platformfeatures"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_META]
Countries: [CNT_ALL]
Description: "request came from yandsearch (rearr.is_desktop == 1)"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["lpshka", "bochkarev"]
}
Factor {
Index: 1229
CppName: "FI_IS_MOBILE_REQUEST"
Name: "IsMobileRequest"
DependsOn: [{"Feature": ["IsMobileRequest"], "Slice": "begemot_query_factors"}]
Ticket: "FORMULA-686"
Wiki: "https://wiki.yandex-team.ru/users/lpshka/platformfeatures"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_META]
Countries: [CNT_ALL]
Description: "request came from touchsearch (rearr.is_mobile == 1)"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["lpshka", "bochkarev"]
}
Factor {
Index: 1230
CppName: "FI_IS_TABLET_REQUEST"
Name: "IsTabletRequest"
DependsOn: [{"Feature": ["IsTabletRequest"], "Slice": "begemot_query_factors"}]
Ticket: "FORMULA-686"
Wiki: "https://wiki.yandex-team.ru/users/lpshka/platformfeatures"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_META]
Countries: [CNT_ALL]
Description: "request came from padsearch (rearr.is_tablet == 1)"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["lpshka", "bochkarev"]
}
Factor {
Index: 1231
CppName: "FI_REQUEST_IS_FROM_ANDROID"
Name: "RequestIsFromAndroid"
Ticket: "FORMULA-686"
Wiki: "https://wiki.yandex-team.ru/users/lpshka/platformfeatures"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_META]
Countries: [CNT_ALL]
Description: "request came from device with Android OS (rearr.dd_osfamily == Android)"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["lpshka", "bochkarev"]
}
Factor {
Index: 1232
CppName: "FI_REQUEST_IS_FROM_IOS"
Name: "RequestIsFromIOS"
Ticket: "FORMULA-686"
Wiki: "https://wiki.yandex-team.ru/users/lpshka/platformfeatures"

```

```
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_META]
Countries: [CNT_ALL]
Description: "request came from device with iOS (rearr.dd_osfamily == iOS)"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["lpshka", "bochkarev"]
}
Factor {
Index: 1233
CppName: "FI_REQUEST_IS_FROM_WINDOWS"
Name: "RequestIsFromWindows"
Ticket: "FORMULA-686"
Wiki: "https://wiki.yandex-team.ru/users/lpshka/platformfeatures"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_META]
Countries: [CNT_ALL]
Description: "request came from device with Windows OS (rearr.dd_osfamily == Windows)"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["lpshka", "bochkarev"]
}
Factor {
Index: 1234
CppName: "FI_REQUEST_IS_FROM_OTHER_PLATFORM"
Name: "RequestIsFromOtherPlatform"
Ticket: "FORMULA-686"
Wiki: "https://wiki.yandex-team.ru/users/lpshka/platformfeatures"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_META]
Countries: [CNT_ALL]
Description: "request does not come from devices with Android, iOS or Windows OS (rearr.dd_osfamily != [Android, iOS, Windows])"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["lpshka", "bochkarev"]
}
Factor {
Index: 1235
CppName: "FI_IS_EMBED_VIDEO_BROKEN"
Name: "EmbedVideoBroken"
Ticket: "FACTOR-483"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/EmbedVideoBroken"
Tags: [TG_STATIC, TG_DOC, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Broken embedded video on the page."
Authors: ["osenzen", "sisoid"]
Responsibles: "sisoid"
}
Factor {
Index: 1236
CppName: "FI_CORRECTED_CTR_LONG_PERIOD_FULL_MATCH_VALUE"
Name: "CorrectedCtrLongPeriodFullMatchValue"
Ticket: ["FACTOR-855"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE]
Description: "FullMatchValue factor over hits from CorrectedCtrLongPeriod stream"
Authors: ["yustuken"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"
}
Factor {
```

Index: 1237

CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_MIX\_MATCH\_WEIGHTED\_VALUE"

Name: "CorrectedCtrLongPeriodMixMatchWeightedValue"

Ticket: ["FACTOR-855"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "MixMatchWeightedValue factor over hits from CorrectedCtrLongPeriod stream"

Authors: ["yustuken"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"

}

Factor {

Index: 1238

CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_ANNOTATION\_MAX\_VALUE\_WEIGHTED"

Name: "CorrectedCtrLongPeriodAnnotationMaxValueWeighted"

Ticket: ["FACTOR-855"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "AnnotationMaxValueWeighted factor over hits from CorrectedCtrLongPeriod stream"

Authors: ["yustuken"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"

}

Factor {

Index: 1239

CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"

Name: "CorrectedCtrLongPeriodAnnotationMatchWeightedValue"

Ticket: ["FACTOR-855"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "AnnotationMatchWeightedValue factor over hits from CorrectedCtrLongPeriod stream"

Authors: ["yustuken"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"

}

Factor {

Index: 1240

CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_ALL\_WCM\_MATCH95\_AVG\_VALUE"

Name: "CorrectedCtrLongPeriodAllWcmMatch95AvgValue"

Ticket: ["FACTOR-855"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "AllWcmMatch95AvgValue factor over hits from CorrectedCtrLongPeriod stream"

Authors: ["yustuken"]

Responsibles: ["yustuken", "diver"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"

}

Factor {

Index: 1241

CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_ALL\_WCM\_MATCH80\_AVG\_VALUE"

Name: "CorrectedCtrLongPeriodAllWcmMatch80AvgValue"  
Ticket: ["FACTOR-855"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]  
Description: "AllWcmMatch80AvgValue factor over hits from CorrectedCtrLongPeriod stream"  
Authors: ["yustuken"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"  
}  
Factor {  
Index: 1242  
CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_ALL\_WCM\_WEIGHTED\_VALUE"  
Name: "CorrectedCtrLongPeriodAllWcmWeightedValue"  
Ticket: ["FACTOR-855"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]  
Description: "AllWcmWeightedValue factor over hits from CorrectedCtrLongPeriod stream"  
Authors: ["yustuken"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"  
}  
Factor {  
Index: 1243  
CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_ALL\_WCM\_WEIGHTED\_PREDICTION"  
Name: "CorrectedCtrLongPeriodAllWcmWeightedPrediction"  
Ticket: ["FACTOR-855"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]  
Description: "AllWcmWeightedPrediction factor over hits from CorrectedCtrLongPeriod stream"  
Authors: ["yustuken"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/CorrectedCtrLongPeriod"  
}  
Factor {  
Index: 1244  
CppName: "FI\_MEDICAL2\_URL\_QUALITY\_FRESH"  
Name: "Medical2UrlQualityFresh"  
Ticket: "SENS-99"  
Authors: ["hommforever"]  
Responsibles: ["hommforever", "anrodigina"]  
Description: "Neural model of content quality for medical topics (for expo)"  
Tags: [TG\_NEURAL, TG\_DYNAMIC, TG\_NOT\_01, TG\_URL\_TEXT, TG\_DOC, TG\_DOC\_TEXT, TG\_UNUSED, TG\_REARR\_USE]  
MinValue: -10  
MaxValue: 10  
ImplementationTime: "2021-01-14"  
}  
Factor {  
Index: 1245  
CppName: "FI\_NHOP\_SUM\_DWELL\_TIME\_BCLM\_MIX\_PLAIN\_KEY5"  
Name: "NHopSumDwellTimeBclmMixPlainKE5"  
Ticket: ["FACTOR-811"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_NHOP\_SUM\_DWELLTIME]  
Countries: [CNT\_TR]  
Description: "BclmMixPlainKE5 factor over hits from NHopSumDwellTime stream"  
Authors: ["asandler"]  
Responsibles: ["asandler", "tarum", "niknik"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopSumDwellTime"  
}  
Factor {  
Index: 1246  
CppName: "FI\_NHOP\_SUM\_DWELL\_TIME\_ALL\_WCM\_MATCH80\_AVG\_VALUE"  
Name: "NHopSumDwellTimeMatch80AvgValue"  
Ticket: ["FACTOR-811"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_NHOP\_SUM\_DWELLTIME]  
Countries: [CNT\_TR]  
Description: "Match80AvgValue factor over hits from NHopSumDwellTime stream"  
Authors: ["asandler"]  
Responsibles: ["asandler", "tarum", "niknik"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopSumDwellTime"  
}  
Factor {  
Index: 1247  
CppName: "FI\_FIN\_LAW\_URL\_QUALITY"  
Name: "FinLawUrlQuality"  
Ticket: "SENS-99"  
Authors: ["hommforever"]  
Responsibles: ["hommforever", "anrodigina"]  
Description: "Neural model of content quality for financial and legal topics"  
Tags: [TG\_NEURAL, TG\_STATIC, TG\_URL\_TEXT, TG\_NOT\_01, TG\_DOC, TG\_DOC\_TEXT, TG\_UNIMPLEMENTED, TG\_UNUSED, TG\_REARR\_USE]  
MinValue: -10  
MaxValue: 10  
}  
Factor {  
Index: 1248  
CppName: "FI\_NHOP\_SUM\_DWELL\_TIME\_MIX\_MATCH\_WEIGHTED\_VALUE"  
Name: "NHopSumDwellTimeMixMatchWeightedValue"  
Ticket: ["FACTOR-811"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_BROWSER, TG\_USER\_EXT\_DATA, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_NHOP\_SUM\_DWELLTIME]  
Countries: [CNT\_TR]  
Description: "MixMatchWeightedValue factor over hits from NHopSumDwellTime stream"  
Authors: ["asandler"]  
Responsibles: ["asandler", "tarum", "niknik"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NHopSumDwellTime"  
}  
Factor {  
Index: 1249  
CppName: "FI\_FIN\_LAW\_URL\_QUALITY\_FRESH"  
Name: "FinLawUrlQualityFresh"  
Ticket: "SENS-99"  
Authors: ["hommforever"]  
Responsibles: ["hommforever", "anrodigina"]  
Description: "Neural model of content quality for financial and legal topics (for expo)"

```
Tags: [TG_NEURAL, TG_DYNAMIC, TG_NOT_01, TG_URL_TEXT, TG_DOC, TG_DOC_TEXT, TG_UNIMPLEMENTED,
TG_UNUSED, TG_REARR_USE]
MinValue: -10
MaxValue: 10
}
Factor {
Index: 1250
CppName: "FI_FIRST_CLICK_DT_XF_BCLM_MIX_PLAIN_KE5"
Name: "FirstClickDtXfBclmMixPlainKE5"
Ticket: ["FACTOR-898"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "BclmMixPlainKE5 factor over hits from FirstClickDtXf stream"
Authors: ["yustuken"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstClickDtXf"
}
Factor {
Index: 1251
CppName: "FI_FIRST_CLICK_DT_XF_FULL_MATCH_VALUE"
Name: "FirstClickDtXfFullMatchValue"
Ticket: ["FACTOR-898"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "FullMatchValue factor over hits from FirstClickDtXf stream"
Authors: ["yustuken"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstClickDtXf"
}
Factor {
Index: 1252
CppName: "FI_FIRST_CLICK_DT_XF_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "FirstClickDtXfAnnotationMaxValueWeighted"
Ticket: ["FACTOR-898"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AnnotationMaxValueWeighted factor over hits from FirstClickDtXf stream"
Authors: ["yustuken"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstClickDtXf"
}
Factor {
Index: 1253
CppName: "FI_FIRST_CLICK_DT_XF_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "FirstClickDtXfAnnotationMatchWeightedValue"
Ticket: ["FACTOR-898"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "AnnotationMatchWeightedValue factor over hits from FirstClickDtXf stream"
Authors: ["yustuken"]
Responsibles: ["yustuken", "diver"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstClickDtXf"
}
Factor {
Index: 1254
CppName: "FI_FIRST_CLICK_DT_XF_BCLM_PLANE_PROXIMITY1_BM15_WO_SIZE1_K0001"
Name: "FirstClickDtXfBclmPlaneProximity1Bm15W0Size1K0001"
Ticket: ["FACTOR-898"]
```

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_COLLABORATED, TG\_TEXT\_MACHINE, TG\_DEPRECATED, TG\_REMOVED]  
Description: "BclmPlaneProximity1Bm15W0Size1K001 factor over hits from FirstClickDtXf stream"  
Authors: ["yustuken"]  
Responsibles: ["yustuken", "diver"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstClickDtXf"  
}  
Factor {  
Index: 1255  
CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_TEXT\_BM11\_NORM16384"  
Name: "RequestWithRegionNameTextBm11Norm16384"  
Ticket: "FACTOR-866"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Bm11 by document text and title"  
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]  
Responsibles: ["esoloviev", "gotmanov", "mbusel"]  
}  
Factor {  
Index: 1256  
CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_TEXT\_COSINE\_MATCH\_MAX\_PREDICTION"  
Name: "RequestWithRegionNameTextCosineMatchMaxPrediction"  
Ticket: "FACTOR-866"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. CosineMatchMaxPrediction by document text and title"  
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]  
Responsibles: ["esoloviev", "gotmanov", "mbusel"]  
}  
Factor {  
Index: 1257  
CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_LONG\_CLICK\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"  
Name: "RequestWithRegionNameLongClickAnnotationMatchWeightedValue"  
Ticket: "FACTOR-866"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]  
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: AnnotationMatchWeightedValue by LongClick stream."  
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]  
Responsibles: ["esoloviev", "gotmanov", "mbusel"]  
}  
Factor {  
Index: 1258  
CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_ONE\_CLICK\_FULL\_MATCH\_VALUE"  
Name: "RequestWithRegionNameOneClickFullMatchValue"  
Ticket: "FACTOR-866"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]  
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: FullMatchValue by OneClick stream."  
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]

Responsibles: ["esoloviev", "gotmanov", "mbusel"]  
}

Factor {

Index: 1259

CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_ONE\_CLICK\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"

Name: "RequestWithRegionNameOneClickAnnotationMatchValue"

Ticket: "FACTOR-866"

Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: AnnotationMatchValue by OneClick stream."

Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]

Responsibles: ["esoloviev", "gotmanov", "mbusel"]

}

Factor {

Index: 1260

CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_LONG\_CLICK\_SP\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"

Name: "RequestWithRegionNameLongClickSPAnnotationMatchWeightedValue"

Ticket: "FACTOR-866"

Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: AnnotationMatchWeightedValue by LongClickSP stream."

Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]

Responsibles: ["esoloviev", "gotmanov", "mbusel"]

}

Factor {

Index: 1261

CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_LONG\_CLICK\_SP\_FULL\_MATCH\_VALUE"

Name: "RequestWithRegionNameLongClickSPFullMatchValue"

Ticket: "FACTOR-866"

Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: FullMatchValue by LongClickSP stream."

Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]

Responsibles: ["esoloviev", "gotmanov", "mbusel"]

}

Factor {

Index: 1262

CppName: "FI\_REQUEST\_WITH\_REGION\_NAME\_BQPR\_SAMPLE\_ANNOTATION\_MAX\_VALUE\_WEIGHTED"

Name: "RequestWithRegionNameBQPRSampleAnnotationMaxValueWeighted"

Ticket: "FACTOR-866"

Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LOCALIZED\_REGION, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_BROWSER\_QUERY\_PAGE\_RANK\_SAMPLE]



```
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor:
AnnotationMaxValueWeighted by BQPRSample stream."
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]
Responsibles: ["esoloviev", "gotmanov", "mbusel"]
}
Factor {
Index: 1263
CppName: "FI_REQUEST_WITH_REGION_NAME_FIELD_SET1_BM15FLOG_K0_001"
Name: "RequestWithRegionNameFieldSet1Bm15FLogK0001"
Ticket: "FACTOR-866"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_URL_TEXT, TG_LINK_TEXT,
TG_ANNOTATION_FILTER, TG_ANNOTATION_NOFILTER, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_LOCALIZED_REGION, TG_DEPRECATED]
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: Bm15 on stream group 1."
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]
Responsibles: ["esoloviev", "gotmanov", "mbusel"]
}
Factor {
Index: 1264
CppName: "FI_REQUEST_WITH_REGION_NAME_FIELD_SET2_BM15FLOG_K0_001"
Name: "RequestWithRegionNameFieldSet2Bm15FLogK0001"
Ticket: "FACTOR-866"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_URL_TEXT, TG_ANNOTATION_FILTER,
TG_ANNOTATION_NOFILTER, TG_LINGBOOST, TG_TEXT_MACHINE, TG_LOCALIZED_REGION,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD, TG_USERFEAT_FIELDSET2]
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: Bm15 on stream group 2."
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]
Responsibles: ["esoloviev", "gotmanov", "mbusel"]
}
Factor {
Index: 1265
CppName: "FI_REQUEST_WITH_REGION_NAME_FIELD_SET3_BCLM_WEIGHTED_FLOG_W0_K0_001"
Name: "RequestWithRegionNameFieldSet3BclmWeightedFLogW0K0001"
Ticket: "FACTOR-866"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_ANNOTATION_NOFILTER,
TG_LINGBOOST, TG_TEXT_MACHINE, TG_LOCALIZED_REGION, TG_NN_OVER_FEATURES_USE, TG_USERFEAT,
TG_USERFEAT_MULTI_PERIOD]
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: BclmWeightedFLogW0 on
stream group 3."
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]
Responsibles: ["esoloviev", "gotmanov", "mbusel"]
}
Factor {
Index: 1266
CppName: "FI_REQUEST_WITH_REGION_NAME_BODY_CHAIN0WCM"
Name: "RequestWithRegionNameBodyChain0Wcm"
Ticket: "FACTOR-866"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_ANNOTATION_NOFILTER,
TG_LINGBOOST, TG_TEXT_MACHINE, TG_LOCALIZED_REGION, TG_NN_OVER_FEATURES_USE]
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Chain0Wcm factor by document
text"
Authors: ["esoloviev", "gotmanov", "mbusel", "tsimkha"]
Responsibles: ["esoloviev", "gotmanov", "mbusel"]
}
```

```
Factor {
Index: 1267
CppName: "FI_QUERY_DOC_RANDOM"
Name: "QueryDocRandom"
Ticket: ["FORMULA-729"]
Tags: [TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_L2]
Countries: [CNT_ALL]
Description: "Random float in [0,1] by user request and document"
Authors: ["lpshka"]
Responsibles: ["lpshka", "bochkarev"]
Wiki: "https://wiki.yandex-team.ru/users/lpshka/randomfeature"
}
Factor {
Index: 1268
CppName: "FI_SOS_URL_QUALITY"
Name: "SosUrlQuality"
Ticket: "SENS-99"
Authors: ["hommforever"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Neural model of content quality for sos topics"
Tags: [TG_NEURAL, TG_STATIC, TG_NOT_01, TG_URL_TEXT, TG_DOC, TG_DOC_TEXT, TG_UNIMPLEMENTED,
TG_UNUSED, TG_REARR_USE]
MinValue: -10
MaxValue: 10
}
Factor {
Index: 1269
CppName: "FI_SUM_FLASH_AREA"
Name: "SumFlashArea"
Ticket: ["FACTOR-972", "WATTO-215"]
Tags: [TG_STATIC, TG_DOC, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE]
Countries: [CNT_ALL]
Description: "the ratio of the total area of all Flash blocks to the screen area"
Authors: ["yuryalekseev"]
Responsibles: ["kamoksin", "yuryalekseev", "bermud"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/SumFlashArea"
}
Factor {
Index: 1270
CppName: "FI_SOS_URL_QUALITY_FRESH"
Name: "SosUrlQualityFresh"
Ticket: "SENS-99"
Authors: ["hommforever"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Neural model of content quality for sos topics (for exps)"
Tags: [TG_NEURAL, TG_DYNAMIC, TG_NOT_01, TG_URL_TEXT, TG_DOC, TG_DOC_TEXT, TG_UNIMPLEMENTED,
TG_UNUSED, TG_REARR_USE]
MinValue: -10
MaxValue: 10
}
Factor {
Index: 1271
CppName: "FI_URL_HOST_FRACTION"
Name: "UrlHostFraction"
Group: "Dynamic"
Ticket: ["SEARCH-2138"]
```

```
Tags: [TG_HOST, TG_DYNAMIC, TG_URL_TEXT, TG_REARR_USE, TG_L2, TG_NN_OVER_FEATURES_USE,
TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UrlTrigramFraction"
Description: "Copy of old version No.294 factor. Added for use on L3 stage only. Domain coverage with three letters
from the request. (Chelyabinsk lottery - chelloto. Translate the request into transliteration, find the three letters that
are covered (che, hel, lot, olo) , we look at what share of all the three letters we covered) "
Authors: ["cliff", "melton", "lpshka", "bochkarev"]
Responsibles: ["tsimkha", "mbusel"]
}
Factor {
Index: 1272
CppName: "FI_URL_HITS_COVERAGE"
Name: "UrlHitsCoverage"
Ticket: ["SEARCH-2138"]
Tags: [TG_DOC, TG_DYNAMIC, TG_URL_TEXT, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UrlTrigramFraction"
Description: "Fast version of FI_URL_DOMAIN_FRACTION"
Authors: ["lpshka", "bochkarev"]
Responsibles: ["ironpeter", "tsimkha"]
}
Factor {
Index: 1273
CppName: "FI_ALICE_TIMESPENT_SUM"
Name: "AliceTimespentSum"
Tags: [TG_UNIMPLEMENTED, TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT,
TG_DOC_CONTENT, TG_NEURAL, TG_UNDOCUMENTED, TG_UNUSED, TG_ALICE_MUSIC, TG_RTMODELS_SERVICE,
TG_ALLOW_USE_FOR_ALICE]
Description: "Session timespan prediction given the implementation of this request-document pair"
Ticket: "SEARCHSPEC-132"
Authors: "an-to-nen-ko"
Responsibles: "an-to-nen-ko"
}
Factor {
Index: 1274
CppName: "FI_DSSM_DOG_L3"
Name: "DssmDogL3"
Ticket: "SEARCHPLAY-85"
Authors: ["hygge", "alejes", "miha715lev"]
Responsibles: ["hygge", "alejes", "miha715lev"]
Description: "A query-document dssm that predicts the dogness of a document"
Tags: [TG_NEURAL, TG_STATIC, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC]
ImplementationTime: "2021-12-24"
}
Factor {
Index: 1275
CppName: "FI_TIKTOK_TAG"
Name: "TiktokTag"
Tags: [TG_UNIMPLEMENTED, TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Ticket: "SEARCHPLAY-89"
Authors: ["bbetrozova"]
Responsibles: ["bbetrozova", "alejes"]
Description: "Document is a selection from tiktok /tag"
}
Factor {
Index: 1276
CppName: "FI_TIKTOK_DISCOVERY"
Name: "TiktokDiscovery"
Tags: [TG_UNIMPLEMENTED, TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
```

```
Ticket: "SEARCHPLAY-89"
Authors: ["bbetrozova"]
Responsibles: ["bbetrozova", "alejes"]
Description: "Document is a compilation from tiktok /discovery"
}
Factor {
Index: 1277
CppName: "FI_TIKTOK_MUSIC"
Name: "TiktokMusic"
Tags: [TG_UNIMPLEMENTED, TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_OFTEN_ZERO, TG_L2, TG_UNUSED]
Ticket: "SEARCHPLAY-89"
Authors: ["bbetrozova"]
Responsibles: ["bbetrozova", "alejes"]
Description: "Document is a compilation from tiktok/music"
}
Factor {
Index: 1278
CppName: "FI_DSSM_SINSIG_L2"
Name: "DssmSinsigL2"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_L2,
TG_FORMULA_2245_DEP_4, TG_DEPRECATED]
Description: "Request-document model of synsiga."
UseArtifact: {Name: "DssmSinsigL2"}
Ticket: "LOWSEARCH-68"
Authors: ["hygge", "alejes", "padese"]
Responsibles: ["hygge", "alejes"]
ImplementationTime: "2022-03-24"
}
Factor {
Index: 1279
CppName: "FI_URL_COSINE_MATCH_MAX_PREDICTION"
Name: "OriginalRequestUrlCosineMatchMaxPrediction"
Ticket: "LOWSEARCH-78"
Description: "Factor by original request. Calculated by tokenized url. CosineMatchMaxPrediction algorithm."
Tags: [TG_URL_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
Authors: ["timuratshin", "gusdzerzhi"]
Responsibles: ["ilnurkh", "gusdzerzhi"]
ImplementationTime: "2022-03-16"
}
Factor {
Index: 1280
CppName: "FI_URL_ATTENV1_BM15_K05"
Name: "OriginalRequestUrlAttenV1Bm15K05"
Ticket: "LOWSEARCH-78"
Description: "Factor by original query. Counted by tokenized url. Hit weight multiplied by 1/ (1 + word position in
sentence) Word weight aggregation algorithm: Bm15. Normalization coefficient 0.5."
Tags: [TG_URL_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
Authors: ["timuratshin", "gusdzerzhi"]
Responsibles: ["ilnurkh", "gusdzerzhi"]
ImplementationTime: "2022-03-16"
}
Factor {
Index: 1281
CppName: "FI_TITLE_BCLM_MIX_PLAIN_KE5"
Name: "OriginalRequestTitleBclmMixPlainKE5"
Ticket: "LOWSEARCH-78"
```

Description: "Factor by original query. Calculated by document title. Word weight aggregation algorithm - BclmMixPlain: linear mixture of annotated Bclm weight and weighted Positionless word weight, then word counts are aggregated via bm15. Normalization factor  $10^{(-5)}$ ."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE]

Authors: ["timuratshin", "gusdzerzhi"]

Responsibles: ["ilnurkh", "gusdzerzhi"]

ImplementationTime: "2022-03-16"

}

Factor {

Index: 1282

CppName: "FI\_TITLE\_CM\_MATCH\_TOP5\_AVG\_MATCH\_VALUE"

Name: "OriginalRequestTitleCMMatchTop5AvgMatchValue"

Ticket: "LOWSEARCH-78"

Description: "Factor by original request. Calculated by document title. CMMatchTop5AvgMatchValue algorithm."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE]

Authors: ["timuratshin", "gusdzerzhi"]

Responsibles: ["ilnurkh", "gusdzerzhi"]

ImplementationTime: "2022-03-16"

}

Factor {

Index: 1283

CppName: "FI\_TITLE\_WORD\_COVERAGE\_FORM"

Name: "OriginalRequestTitleWordCoverageForm"

Ticket: "LOWSEARCH-78"

Description: "Factor by the original request. Considered by the title of the document. The degree of coverage of the words of the request with an accuracy to the form (without synonyms)."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE]

Authors: ["timuratshin", "gusdzerzhi"]

Responsibles: ["ilnurkh", "gusdzerzhi"]

ImplementationTime: "2022-03-16"

}

Factor {

Index: 1284

CppName: "FI\_TITLE\_ATTENV1\_BM15\_K05"

Name: "OriginalRequestTitleAttenV1Bm15K05"

Ticket: "LOWSEARCH-78"

Description: "Factor by original query. Calculated by document title. Hit weight multiplied by  $1/(1 + \text{word position in sentence})$  Word weight aggregation algorithm: Bm15. Normalization factor 0.5."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE]

Authors: ["timuratshin", "gusdzerzhi"]

Responsibles: ["ilnurkh", "gusdzerzhi"]

ImplementationTime: "2022-03-16"

}

Factor {

Index: 1285

CppName: "FI\_BODY\_BCLM\_MIX\_PLAIN\_KE5"

Name: "OriginalRequestBodyBclmMixPlainKE5"

Ticket: "LOWSEARCH-78"

Description: "Factor by original query. Calculated by document content. Word weight aggregation algorithm - BclmMixPlain: linear mixture of annotated Bclm weight and weighted Positionless word weight, then word counts are aggregated via bm15. Normalization factor  $10^{(-5)}$ ."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE]

Authors: ["timuratshin", "gusdzerzhi"]

Responsibles: ["ilnurkh", "gusdzerzhi"]

ImplementationTime: "2022-03-16"

}

Factor {

Index: 1286

```
CppName: "FI_BODY_COSINE_MATCH_MAX_PREDICTION"
Name: "OriginalRequestBodyCosineMatchMaxPrediction"
Ticket: "LOWSEARCH-78"
Description: "Factor by original request. Calculated by document content. CosineMatchMaxPrediction algorithm."
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
Authors: ["timuratshin", "gusdzerzhi"]
Responsibles: ["ilnurkh", "gusdzerzhi"]
ImplementationTime: "2022-03-16"
}
Factor {
Index: 1287
CppName: "FI_BODY_ALL_WCM_WEIGHTED_PREDICTION"
Name: "OriginalRequestBodyAllWcmWeightedPrediction"
Ticket: "LOWSEARCH-78"
Description: "Factor by original request. Calculated by document content. AllWcmWeightedPrediction algorithm."
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
Authors: ["timuratshin", "gusdzerzhi"]
Responsibles: ["ilnurkh", "gusdzerzhi"]
ImplementationTime: "2022-03-16"
}
Factor {
Index: 1288
CppName: "FI_BODY_BOCM15_K001"
Name: "OriginalRequestBodyBocm15K001"
Ticket: "LOWSEARCH-78"
Description: "Factor by original request. Calculated by document content. Bocm15 word weight aggregation algorithm. Normalization coefficient 0.01."
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
Authors: ["timuratshin", "gusdzerzhi"]
Responsibles: ["ilnurkh", "gusdzerzhi"]
ImplementationTime: "2022-03-16"
}
Factor {
Index: 1289
CppName: "FI_BODY_QUERY_PART_MATCH_SUM_VALUE_ANY"
Name: "OriginalRequestBodyQueryPartMatchSumValueAny"
Ticket: "LOWSEARCH-78"
Description: "Factor by original request. Calculated by document content. Algorithm: QueryPartMatchSumValueAny."
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
Authors: ["timuratshin", "gusdzerzhi"]
Responsibles: ["ilnurkh", "gusdzerzhi"]
ImplementationTime: "2022-03-16"
}
Factor {
Index: 1290
CppName: "FI_BODY_WORD_COVERAGE_FORM"
Name: "OriginalRequestBodyWordCoverageForm"
Ticket: "LOWSEARCH-78"
Description: "Factor based on the original query. Considered based on the content of the document. The degree of coverage of query words up to form (no synonyms)."
```

```
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_TEXT_MACHINE]
Authors: ["timuratshin", "gusdzerzhi"]
Responsibles: ["ilnurkh", "gusdzerzhi"]
ImplementationTime: "2022-03-16"
}
Factor {
Index: 1291
CppName: "FI_BODY_WORD_COVERAGE_EXACT"
```

Name: "OriginalRequestBodyWordCoverageExact"  
Ticket: "LOWSEARCH-78"  
Description: "Factor by original query. Counted by document content. Degree of coverage of query words in exact form."  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE]  
Authors: ["timuratshin", "gusdzerzhi"]  
Responsibles: ["ilnurkh", "gusdzerzhi"]  
ImplementationTime: "2022-03-16"  
}

Factor {  
Index: 1292  
CppName: "FI\_BODY\_BM15\_MAX\_ANNOTATION\_K001"  
Name: "OriginalRequestBodyBm15MaxAnnotationK001"  
Ticket: "LOWSEARCH-78"  
Description: "Factor by original request. Calculated by document content. Weight aggregation algorithm: Bm15MaxAnnotation Normalization factor 0.01."  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE]  
Authors: ["timuratshin", "gusdzerzhi"]  
Responsibles: ["ilnurkh", "gusdzerzhi"]  
ImplementationTime: "2022-03-16"  
}

Factor {  
Index: 1293  
CppName: "FI\_HAS\_CLOAKING"  
Name: "HasCloaking"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_UNIMPLEMENTED]  
Ticket: "CONTENTQUALITY-302"  
Authors: ["makkolts"]  
Responsibles: ["makkolts", "sdormidontov"]  
}

Factor {  
Index: 1294  
CppName: "FI\_DSSM\_FULL\_SPLIT\_BERT"  
Name: "DssmFullSplitBert"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_NEURAL, TG\_DEPRECATED]  
Ticket: "LOWSEARCH-73"  
Authors: ["timuratshin"]  
Responsibles: ["timuratshin"]  
}

Factor {  
Index: 1295  
CppName: "FI\_SOCIAL\_URL\_IS\_VERIFIED"  
Name: "SocialUrllsVerified"  
Ticket: "SEARCHPLAY-130"  
Description: "Url is a channel/post from a verified social network account"  
Tags: [TG\_DOC, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_UNIMPLEMENTED, TG\_BINARY]  
Authors: ["bbetrozova", "alejes"]  
Responsibles: ["bbetrozova", "alejes"]  
}

Factor {  
Index: 1296  
CppName: "FI\_DSSM\_MIMICRATION\_URL"  
Name: "DssmMimicrationUrl"  
Ticket: "SEARCHSPEC-332"  
Authors: ["nenashevna"]  
Responsibles: ["nenashevna", "hommforever"]  
Description: "Dssm that predicts if a site is a mimic"  
Tags: [TG\_UNUSED, TG\_UNIMPLEMENTED, TG\_NEURAL, TG\_URL\_TEXT, TG\_DOC]

```

}
Factor {
Index: 1297
CppName: "FI_REMOVED_1297"
Name: "Removed_1297"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1298
CppName: "FI_REMOVED_1298"
Name: "Removed_1298"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1299
CppName: "FI_META_POLY_GEN_8_ALL_WCM_MAX_MATCH"
Name: "MetaPolyGen8AllWcmMaxMatch"
Ticket: ["FACTOR-897"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_ETIOD]
Description: "MetaPolyGen8"
Authors: ["asandler"]
Responsibles: ["asandler"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/PolynomialGeneticMetaStreams"
}
Factor {
Index: 1300
CppName: "FI_QUERY_DWELL_TIME_CM_MATCH80_AVG_VALUE"
Name: "QueryDwellTimeCMMatch80AvgValue"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT,
TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "CMMatch80AvgValue factor over hits from QueryDwellTime stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost/tm"
Authors: ["edik"]
Responsibles: ["edik"]
}
Factor {
Index: 1301
CppName: "FI_DOUBLE_FRC_CM_MATCH_TOP5_AVG_MATCH"
Name: "DoubleFrcCMMatchTop5AvgMatch"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT,
TG_USERFEAT_730D, TG_NN_OVER_USE_FEATURES]
Description: "CMMatchTop5AvgMatch factor over hits from DoubleFrc stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost/tm"
Authors: ["edik"]
Responsibles: ["edik"]
}
Factor {
Index: 1302
CppName: "FI_ONE_CLICK_FRC_XF_SP_PER_WORD_CM_MAX_MATCH_MIN"
Name: "OneClickFrcXfSpPerWordCMMMaxMatchMin"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]

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Description: "PerWordCMMMaxMatchMin factor over hits from OneClickFrcXfSp stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost/tm"
Authors: ["edik"]
Responsibles: ["edik"]
}
Factor {
Index: 1303
CppName: "FI_FIRST_CLICK_DT_XF_PER_WORD_CM_MAX_MATCH_MIN"
Name: "FirstClickDtXfPerWordCMMMaxMatchMin"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_COLLABORATED, TG_TEXT_MACHINE, TG_DEPRECATED, TG_REMOVED]
Description: "PerWordCMMMaxMatchMin factor over hits from FirstClickDtXf stream"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost/tm"
Authors: ["edik"]
Responsibles: ["edik"]
}
Factor {
Index: 1304
CppName: "FI_XF_DT_SHOW_ALL_MAX_WF_LONG_CLICK_SP_PER_WORD_CM_MAX_MATCH_MIN"
Name: "XfDtShowAllMaxWfLongClickSPPerWordCMMMaxMatchMin"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_LINGBOOST,
TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_SAMPLE_PERIOD,
TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2,
TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: PerWordCMaxMatchMin by LongClickSP
stream. The maximum weighted value of the factor by extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost/tm"
Authors: ["edik"]
Responsibles: ["edik"]
}
Factor {
Index: 1305
CppName: "FI_XF_DT_SHOW_ALL_MAX_WF_ONE_CLICK_PER_WORD_CM_MAX_MATCH_MIN"
Name: "XfDtShowAllMaxWfOneClickPerWordCMMMaxMatchMin"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_LINGBOOST,
TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT,
TG_USERFEAT_90D, TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: PerWordCMaxMatchMin by OneClick
stream. The maximum weighted value of the factor by extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost/tm"
Authors: ["edik"]
Responsibles: ["edik"]
}
Factor {
Index: 1306
CppName: "FI_XF_DT_SHOW_TOP_MIN_WF_FIRST_CLICK_DT_XF_PER_WORD_CM_MAX_MATCH_MIN"
Name: "XfDtShowTopMinWfFirstClickDtXfPerWordCMMMaxMatchMin"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_LINGBOOST,
TG_TEXT_MACHINE, TG_COLLABORATED, TG_DEPRECATED, TG_REMOVED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: PerWordCMaxMatchMin by stream
FirstClickDtXf. Minimum weighted factor value by top extensions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost/tm"
Authors: ["edik"]
Responsibles: ["edik"]
}

```

```
}
Factor {
Index: 1307
CppName: "FI_REMOVED_1307"
Name: "Removed_1307"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1308
CppName: "FI_REMOVED_1308"
Name: "Removed_1308"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1309
CppName: "FI_DISTANCE_TO_ANKARA"
Name: "DistanceToAnkara"
Ticket: "FACTOR-1037"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_CITY, TG_META, TG_DEPRECATED]
Description: "Distance from the city where the request was made to Ankara"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/GeoLocationFeatures"
Authors: ["mbusel", "alsafr"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1310
CppName: "FI_DISTANCE_TO_MAGADAN"
Name: "DistanceToMagadan"
Ticket: "FACTOR-1037"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_CITY, TG_META, TG_DEPRECATED]
Description: "Distance from the city where the request was made to Magadan"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/GeoLocationFeatures"
Authors: ["mbusel", "alsafr"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1311
CppName: "FI_LATITUDE"
Name: "Latitude"
Ticket: "FACTOR-1037"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_CITY, TG_META, TG_DEPRECATED]
Description: "Geographic latitude of the city from where the request was made"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/GeoLocationFeatures"
Authors: ["mbusel", "alsafr"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1312
CppName: "FI_LONGITUDE"
Name: "Longitude"
Ticket: "FACTOR-1037"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_CITY, TG_META, TG_TEXT_MACHINE, TG_DEPRECATED]
Description: "Geographic longitude of the city from which the request was made"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/GeoLocationFeatures"
Authors: ["mbusel", "alsafr"]
Responsibles: ["mbusel"]
}
Factor {
```

Index: 1313

CppName: "FI\_LONG\_CLICK\_MOBILE\_FULL\_MATCH\_VALUE"

Name: "LongClickMobileFullMatchValue"

Ticket: ["FACTOR-920"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "FullMatchValue factor over hits from LongClick stream (Mobile sessions filtered)"

Authors: ["mbusel", "tsimkha"]

Responsibles: ["mbusel", "tsimkha", "yustuken"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"

}

Factor {

Index: 1314

CppName: "FI\_LONG\_CLICK\_MOBILE\_COSINE\_MATCH\_MAX\_PREDICTION"

Name: "LongClickMobileCosineMatchMaxPrediction"

Ticket: ["FACTOR-920"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "CosineMatchMaxPrediction factor over hits from LongClick stream (Mobile sessions filtered)"

Authors: ["mbusel", "tsimkha"]

Responsibles: ["mbusel", "tsimkha", "yustuken"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"

}

Factor {

Index: 1315

CppName: "FI\_LONG\_CLICK\_MOBILE\_ANNOTATION\_MATCH\_WEIGHTED\_VALUE"

Name: "LongClickMobileAnnotationMatchWeightedValue"

Ticket: ["FACTOR-920"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "AnnotationMatchWeightedValue factor over hits from LongClick stream (Mobile sessions filtered)"

Authors: ["mbusel", "tsimkha"]

Responsibles: ["mbusel", "tsimkha", "yustuken"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"

}

Factor {

Index: 1316

CppName: "FI\_LONG\_CLICK\_MOBILE\_ALL\_WCM\_MATCH95\_AVG\_VALUE"

Name: "LongClickMobileAllWcmMatch95AvgValue"

Ticket: ["FACTOR-920"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Description: "AllWcmMatch95AvgValue factor over hits from LongClick stream (Mobile sessions filtered)"

Authors: ["mbusel", "tsimkha"]

Responsibles: ["mbusel", "tsimkha", "yustuken"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"

}

Factor {

Index: 1317

CppName: "FI\_LONG\_CLICK\_MOBILE\_ALL\_WCM\_WEIGHTED\_VALUE"

```
Name: "LongClickMobileAllWcmWeightedValue"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AllWcmWeightedValue factor over hits from LongClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1318
CppName: "FI_LONG_CLICK_MOBILE_ALL_WCM_WEIGHTED_PREDICTION"
Name: "LongClickMobileAllWcmWeightedPrediction"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "AllWcmWeightedPrediction factor over hits from LongClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1319
CppName: "FI_LONG_CLICK_MOBILE_CM_MATCH_TOP5_AVG_VALUE"
Name: "LongClickMobileCMMatchTop5AvgValue"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "CMMatchTop5AvgValue factor over hits from LongClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1320
CppName: "FI_LONG_CLICK_MOBILE_BM15_MAX_ANNOTATION_K001"
Name: "LongClickMobileBm15MaxAnnotationK001"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Description: "Bm15MaxAnnotationK001 factor over hits from LongClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/LongClick"
}
Factor {
Index: 1321
CppName: "FI_XF_DT_SHOW_ALL_MAX_WF_LINKS_ALL_PER_WORD_CM_MAX_MATCH_MIN"
Name: "XfDtShowAllMaxWfLinksAllPerWordCMMaxMatchMin"
```

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_LINK\_TEXT, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: PerWordCMaxMatchMin on incoming links. The maximum weighted value of the factor on extensions."  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost/tm>"  
Authors: ["edik"]  
Responsibles: ["edik"]  
}  
Factor {  
Index: 1322  
CppName: "FI\_REMOVED\_1322"  
Name: "Removed\_1322"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}  
Factor {  
Index: 1323  
CppName: "FI\_REMOVED\_1323"  
Name: "Removed\_1323"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}  
Factor {  
Index: 1324  
CppName: "FI\_US\_LONG\_PERIOD\_URL\_CTR"  
Name: "USLongPeriodUrlCtr"  
Ticket: ["FACTOR-994"]  
Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1600D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICK\_MACHINE]  
Description: "Static URL factor for search sessions for 1600 days. Normal Ctr."  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors>"  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1325  
CppName: "FI\_US\_LONG\_PERIOD\_URL\_DT3600\_AVG"  
Name: "USLongPeriodUrlDt3600Avg"  
Ticket: ["FACTOR-994"]  
Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1600D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DW]  
Description: "Static URL factor for search sessions over 1600 days. Average DwellTime, with session DwellTime truncated if greater than 3600 seconds"  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors>"  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1326  
CppName: "FI\_REMOVED\_1326"  
Name: "Removed\_1326"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}  
Factor {  
Index: 1327  
CppName: "FI\_US\_LONG\_PERIOD\_URL\_DT180\_AVG"  
Name: "USLongPeriodUrlDt180Avg"

```
Ticket: ["FACTOR-994"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DW]
Description: "Static URL factor for search sessions over 1600 days. Average DwellTime, with session DwellTime
truncated if greater than 180 seconds"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1328
CppName: "FI_US_LONG_PERIOD_URL_LONG_CLICK_PROB"
Name: "USLongPeriodUrlLongClickProb"
Ticket: ["FACTOR-994"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DW]
Description: "Static URL factor for search sessions for 1600 days. Probability that a click on a URL will be more than
120 seconds"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1329
CppName: "FI_US_LONG_PERIOD_URL_SHOWS"
Name: "USLongPeriodUrlShows"
Ticket: ["FACTOR-994"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "Static URL factor for search sessions for 1600 days. Logarithm of the number of impressions."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1330
CppName: "FI_REMOVED_1330"
Name: "Removed_1330"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1331
CppName: "FI_US_LONG_PERIOD_URL_WINS_PROB"
Name: "USLongPeriodUrlWinsProb"
Ticket: ["FACTOR-994"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_CLICK_MACHINE]
Description: "Static URL factor for search sessions over 1600 days. The probability of a URL being clicked if at least one
URL is not clicked is higher."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
```

Index: 1332

CppName: "FI\_US\_LONG\_PERIOD\_URL\_LOSSES\_PROB"

Name: "USLongPeriodUrlLossesProb"

Ticket: ["FACTOR-994"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1600D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "Static URL factor for search sessions over 1600 days. Probability of a URL not being clicked if at least one URL is clicked below."

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"

Authors: ["edik"]

Responsibles: ["edik", "tarum", "niknik"]

}

Factor {

Index: 1333

CppName: "FI\_US\_LONG\_PERIOD\_URL\_CTR\_REG"

Name: "USLongPeriodUrlCtrReg"

Ticket: ["FACTOR-994"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1600D, TG\_NN\_OVER\_FEATURE\_USE\_CLINECH\_S]

Countries: CNT\_RELEV

Description: "Static URL factor for search sessions for 1600 days. Normal Ctr. Localization to the level of countries."

Group: "RegDocStatic"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"

Authors: ["edik"]

Responsibles: ["edik", "tarum", "niknik"]

}

Factor {

Index: 1334

CppName: "FI\_US\_LONG\_PERIOD\_URL\_URL\_DT3600\_AVG\_REG"

Name: "USLongPeriodUrlDt3600AvgReg"

Ticket: ["FACTOR-994"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1600D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Countries: CNT\_RELEV

Description: "Static URL factor for search sessions over 1600 days. Average DwellTime, with session DwellTime truncated if greater than 3600 seconds. Localized to country level."

Group: "RegDocStatic"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"

Authors: ["edik"]

Responsibles: ["edik", "tarum", "niknik"]

}

Factor {

Index: 1335

CppName: "FI\_US\_LONG\_PERIOD\_URL\_LONG\_CLICK\_PROB\_REG"

Name: "USLongPeriodUrlLongClickProbReg"

Ticket: ["FACTOR-994"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_LOCALIZED\_COUNTRY, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1600D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Countries: CNT\_RELEV

Description: "Static URL factor for search sessions for 1600 days. Probability that a click on a URL will be more than 120 seconds. Localization to the level of countries."

Group: "RegDocStatic"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"

Authors: ["edik"]

```
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1336
CppName: "FI_US_LONG_PERIOD_URL_POSITION_AVG_REG"
Name: "USLongPeriodUrlPositionAvgReg"
Ticket: ["FACTOR-994"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LOCALIZED_COUNTRY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURE_USE_CLINECH_S]
Countries: CNT_RELEV
Description: "Static URL factor for search sessions for 1600 days. Average URL position for all queries. Localization to
the level of countries."
Group: "RegDocStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1337
CppName: "FI_US_LONG_PERIOD_URL_SHOWS_REG"
Name: "USLongPeriodUrlShowsReg"
Ticket: ["FACTOR-994"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_LOCALIZED_COUNTRY, TG_L2,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1600D,
TG_NN_OVER_FEATURE_USE_CLINECH_S]
Countries: CNT_RELEV
Description: "Static URL factor for search sessions for 1600 days. Logarithm of the number of impressions. Localization
to the level of countries."
Group: "RegDocStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/USLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1338
CppName: "FI_DSSM_LOG_DWELL_TIME_BIGRAMS"
Name: "DssmLogDwellTimeBigrams"
Ticket: "FACTOR-1127"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_RTMODELS_SERVICE]
Countries: [CNT_ALL]
Description: "DSSM model trained on clicks. Takes bigrams into account."
UseArtifact: {Name: "DssmBigrams"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"
Authors: ["agusakov", "insight", "tagrimar"]
Responsibles: ["agusakov"]
}
Factor {
Index: 1339
CppName: "FI_FIRST_LAST_CLICK_MOBILE_MIX_MATCH_WEIGHTED_VALUE"
Name: "FirstLastClickMobileMixMatchWeightedValue"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstLastClick/"
```



```
Description: "MixMatchWeightedValue factor over hits from FirstLastClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
}
Factor {
Index: 1340
CppName: "FI_FIRST_LAST_CLICK_MOBILE_COSINE_MATCH_MAX_PREDICTION"
Name: "FirstLastClickMobileCosineMatchMaxPrediction"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstLastClick/"
Description: "CosineMatchMaxPrediction factor over hits from FirstLastClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
}
Factor {
Index: 1341
CppName: "FI_FIRST_LAST_CLICK_MOBILE_FULL_MATCH_VALUE"
Name: "FirstLastClickMobileFullMatchValue"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstLastClick/"
Description: "FullMatchValue factor over hits from FirstLastClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
}
Factor {
Index: 1342
CppName: "FI_FIRST_LAST_CLICK_MOBILE_ALL_WCM_MATCH95_AVG_VALUE"
Name: "FirstLastClickMobileAllWcmMatch95AvgValue"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstLastClick/"
Description: "AllWcmMatch95AvgValue factor over hits from FirstLastClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel", "tsimkha", "yustuken"]
}
Factor {
Index: 1343
CppName: "FI_FIRST_LAST_CLICK_MOBILE_CM_MATCH_TOP5_AVG_VALUE"
Name: "FirstLastClickMobileCMMatchTop5AvgValue"
Ticket: ["FACTOR-920"]
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT, TG_USERFEAT_90D, TG_USERFEAT_SEARCH_DWELL_TIME, TG_USERFEAT_CLICK_MACHINE,
TG_FORMULA_2245_DEP_3, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstLastClick/"
Description: "CMMatchTop5AvgValue factor over hits from FirstLastClick stream (Mobile sessions filtered)"
Authors: ["mbusel", "tsimkha"]
```

Responsibles: ["mbusel", "tsimkha", "yustuken"]  
}

Factor {

Index: 1344

CppName: "FI\_FIRST\_LAST\_CLICK\_MOBILE\_ALL\_WCM\_WEIGHTED\_VALUE"

Name: "FirstLastClickMobileAllWcmWeightedValue"

Ticket: ["FACTOR-920"]

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_3, TG\_DEPRECATED]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/FirstLastClick/"

Description: "AllWcmWeightedValue factor over hits from FirstLastClick stream (Mobile sessions filtered)"

Authors: ["mbusel", "tsimkha"]

Responsibles: ["mbusel", "tsimkha", "yustuken"]

}

Factor {

Index: 1345

CppName: "FI\_IS\_QVOICE"

Name: "IsQvoice"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/IsQvoice"

Ticket: ["VOICESEARCH-50"]

Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_BINARY, TG\_OFTEN\_ZERO, TG\_NN\_OVER\_FEATURES\_USE, TG\_META]

Description: "Was the request made by voice"

Authors: ["svtgrig", "mklimushkin"]

Responsibles: ["mbusel"]

}

Factor {

Index: 1346

CppName: "FI\_AVG\_DT\_WEIGHTED\_BY\_RANK\_MOBILE\_ALL\_WCM\_WEIGHTED\_VALUE"

Name: "AvgDTWeightedByRankMobileAllWcmWeightedValue"

Ticket: ["FACTOR-984"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/AvgDTWeightedByRankMobile/"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "AllWcmWeightedValue factor over hits from AvgDTWeightedByRankMobile stream (Mobile sessions filtered)"

Authors: ["crossby"]

Responsibles: ["crossby"]

}

Factor {

Index: 1347

CppName: "FI\_AVG\_DT\_WEIGHTED\_BY\_RANK\_MOBILE\_ALL\_WCM\_MATCH95\_AVG\_VALUE"

Name: "AvgDTWeightedByRankMobileAllWcmMatch95AvgValue"

Ticket: ["FACTOR-984"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/AvgDTWeightedByRankMobile/"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "AllWcmMatch95AvgValue factor over hits from AvgDTWeightedByRankMobile stream (Mobile sessions filtered)"

Authors: ["crossby"]

Responsibles: ["crossby"]

```
}
Factor {
Index: 1348
CppName: "FI_AVG_DT_WEIGHTED_BY_RANK_MOBILE_CM_MATCH_TOP5_AVG_VALUE"
Name: "AvgDTWeightedByRankMobileCMMatchTop5AvgValue"
Ticket: ["FACTOR-984"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/AvgDTWeightedByRankMobile/"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "CMMatchTop5AvgValue factor over hits from AvgDTWeightedByRankMobile stream (Mobile sessions
filtered)"
Authors: ["crossby"]
Responsibles: ["crossby"]
}
Factor {
Index: 1349
CppName: "FI_AVG_DT_WEIGHTED_BY_RANK_MOBILE_ANNOTATION_MATCH_WEIGHTED_VALUE"
Name: "AvgDTWeightedByRankMobileAnnotationMatchWeightedValue"
Ticket: ["FACTOR-984"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/AvgDTWeightedByRankMobile/"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "AnnotationMatchWeightedValue factor over hits from AvgDTWeightedByRankMobile stream (Mobile
sessions filtered)"
Authors: ["crossby"]
Responsibles: ["crossby"]
}
Factor {
Index: 1350
CppName: "FI_AVG_DT_WEIGHTED_BY_RANK_MOBILE_FULL_MATCH_VALUE"
Name: "AvgDTWeightedByRankMobileFullMatchValue"
Ticket: ["FACTOR-984"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/AvgDTWeightedByRankMobile/"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_730D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "FullMatchValue factor over hits from AvgDTWeightedByRankMobile stream (Mobile sessions filtered)"
Authors: ["crossby"]
Responsibles: ["crossby"]
}
Factor {
Index: 1351
CppName: "FI_AVG_DT_WEIGHTED_BY_RANK_MOBILE_MIX_MATCH_WEIGHTED_VALUE"
Name: "AvgDTWeightedByRankMobileMixMatchWeightedValue"
Ticket: ["FACTOR-984"]
Wiki: "https://wiki.yandex-
team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/streams/AvgDTWeightedByRankMobile/"
Tags: [TG_DYNAMIC, TG_DOC, TG_ANNOTATION_NOFILTER, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH,
TG_USER_SEARCH_ONLY, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
```

TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "MixMatchWeightedValue factor over hits from AvgDTWeightedByRankMobile stream (Mobile sessions filtered)"

Authors: ["crossby"]

Responsibles: ["crossby"]

}

Factor {

Index: 1352

CppName: "FI\_XF\_DT\_SHOW\_TOP\_SUM\_W2F\_SUM\_W\_FIELD\_SET5\_AVG\_PER\_TRIGRAM\_MAX\_VALUE\_ANY"

Name: "XfDtShowTopSumW2FSumWFieldSet5AvgPerTrigramMaxValueAny"

Ticket: "FACTOR-1209"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_FORMULA\_2245 TG\_DEP\_DEP\_2]

UseArtifact: {Name: "XfDtExpansions"}

Description: "Linguistic boosting factor. Extension type: XfDtShow. Factor: AvgPerTrigramMaxValueAny by stream group 5. Weighted average of factor values by extension top."

Authors: ["edik"]

Responsibles: ["edik"]

}

Factor {

Index: 1353

CppName: "FI\_CORRECTED\_CTR\_LONG\_PERIOD\_AVG\_PER\_TRIGRAM\_AVG\_VALUE\_ANY"

Name: "CorrectedCtrLongPeriodAvgPerTrigramAvgValueAny"

Ticket: "FACTOR-1209"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_ANNOTATION\_NOFILTER, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE]

Description: "AvgPerTrigramAvgValueAny factor by CorrectedCtrLongPeriod stream"

Authors: ["edik"]

Responsibles: ["edik"]

}

Factor {

Index: 1354

CppName: "FI\_DSSM\_LOG\_DT\_BIGRAMS\_L2"

Name: "DssmLogDwelltimeBigramsL2"

Ticket: ["FACTOR-1240"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_L2, TG\_NEURAL, TG\_NN\_OVER\_FEATURES\_USE]

Description: "DSSM model trained on clicks. Takes bigrams into account. Embeddings for documents are computed offline."

UseArtifact: {Name: "DssmBigramsL2"}

Authors: ["agusakov", "tagrimar"]

Responsibles: ["agusakov", "tagrimar"]

}

Factor {

Index: 1355

CppName: "FI\_RANK\_ARTROZ"

Name: "RankArtroz"

Ticket: ["FACTOR-1138", "ANTISEO-188", "ANTISEO-169"]

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RankArtroz/"

Tags: [TG\_OWNER, TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_USER\_SEARCH, TG\_LINK\_GRAPH, TG\_TRANS, TG\_MASCOT, TG\_UNIMPLEMENTED, TG\_L2]

Description: "The rank of the quality of texts on the host. The higher - the more likely that the host is full of articles - rewriting, bad copyright, content ordered from content exchanges. It burns more like query-by-query aggregation."

Authors: ["nstbezz", "burmisha"]

Responsibles: ["nstbezz", "burmisha"]

}

Factor {

Index: 1356

CppName: "FI\_DSSM\_LOG\_DWELL\_TIME\_BIGRAMS\_QUERY\_DERIVATIVE\_MIN"

Name: "DssmBigramsQueryDerivativeMin"

Ticket: ["THES-206"]

Wiki: "https://wiki.yandex-team.ru/users/mihaild/dssmderivatives/"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED]

Description: "Minimum of word gradients by bigram LogDwelltime model."

Authors: ["mihaild"]

Responsibles: ["mihaild"]

}

Factor {

Index: 1357

CppName: "FI\_DSSM\_LOG\_DWELL\_TIME\_BIGRAMS\_QUERY\_DERIVATIVE\_MAX"

Name: "DssmBigramsQueryDerivativeMax"

Ticket: ["THES-206"]

Wiki: "https://wiki.yandex-team.ru/users/mihaild/dssmderivatives/"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED]

Description: "Maximum from word gradients by bigram LogDwelltime model."

Authors: ["mihaild"]

Responsibles: ["mihaild"]

}

Factor {

Index: 1358

CppName: "FI\_DSSM\_LOG\_DWELL\_TIME\_BIGRAMS\_QUERY\_DERIVATIVE\_MOMENT\_2\_CENTRAL"

Name: "DssmBigramsQueryDerivativeMoment2Central"

Ticket: ["THES-206"]

Wiki: "https://wiki.yandex-team.ru/users/mihaild/dssmderivatives/"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED]

Description: "Second central moment (variance) from word gradients over bigram LogDwelltime model."

Authors: ["mihaild"]

Responsibles: ["mihaild"]

}

Factor {

Index: 1359

CppName: "FI\_DSSM\_LOG\_DWELL\_TIME\_BIGRAMS\_QUERY\_DERIVATIVE\_MOMENT\_3\_CENTRAL"

Name: "DssmBigramsQueryDerivativeMoment3Central"

Ticket: ["THES-206"]

Wiki: "https://wiki.yandex-team.ru/users/mihaild/dssmderivatives/"

Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DEPRECATED]

Description: "Third central moment from word gradients by bigram LogDwelltime model."

Authors: ["mihaild"]

Responsibles: ["mihaild"]

}

Factor {

Index: 1360

CppName: "FI\_DSSM\_VK\_POPULARITY"

Name: "DssmVkPopularity"

DependsOn: [{Feature: ["DssmVkPopularity"], Slice: "begemot\_query\_factors"}]

```
Ticket: ["FACTOR-1177"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryToHost"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_NEURAL, TG_DEPRECATED]
Description: "Probability that host vk.com is popular for this query according to the corresponding dssm model."
UseArtifact: {Name: "DssmHostsPopularity"}
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1361
CppName: "FI_DSSM_ONLINER_POPULARITY"
Name: "DssmOnlinerPopularity"
DependsOn: [{Feature: ["DssmOnlinerPopularity"], Slice: "begemot_query_factors"}]
Ticket: ["FACTOR-1177"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryToHost"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_NEURAL, TG_DEPRECATED]
Description: "Probability that host onliner.by is popular for this query according to the corresponding dssm model."
UseArtifact: {Name: "DssmHostsPopularity"}
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1362
CppName: "FI_REMOVED_1362"
Name: "Removed_1362"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1363
CppName: "FI_REMOVED_1363"
Name: "Removed_1363"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1364
CppName: "FI_DSSM_RAMBLER_POPULARITY"
Name: "DssmRamblerPopularity"
DependsOn: [{Feature: ["DssmRamblerPopularity"], Slice: "begemot_query_factors"}]
Ticket: ["FACTOR-1177"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryToHost"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_NEURAL, TG_DEPRECATED]
Description: "The probability that the host rambler.ru is popular for this query according to the corresponding dssm model."
UseArtifact: {Name: "DssmHostsPopularity"}
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1365
CppName: "FI_DSSM_EXPERTCEN_POPULARITY"
Name: "DssmExpertcenPopularity"
DependsOn: [{Feature: ["DssmExpertcenPopularity"], Slice: "begemot_query_factors"}]
Ticket: ["FACTOR-1177"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryToHost"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_NEURAL, TG_DEPRECATED]
Description: "The probability that the host expertcen.ru is popular for this request according to the corresponding dssm model."
UseArtifact: {Name: "DssmHostsPopularity"}
```

```
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1366
CppName: "FI_DSSM_SUNHOME_POPULARITY"
Name: "DssmSunhomePopularity"
DependsOn: [{"Feature": ["DssmSunhomePopularity"], "Slice": "begemot_query_factors"}]
Ticket: ["FACTOR-1177"]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/QueryToHost"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_NEURAL, TG_DEPRECATED]
Description: "Probability that sunhome.ru is a popular host for this query according to the corresponding dssm model."
UseArtifact: {Name: "DssmHostsPopularity"}
Authors: ["mbusel", "tsimkha"]
Responsibles: ["mbusel"]
}
Factor {
Index: 1367
CppName: "FI_UB_LONG_PERIOD_URL_VISITS_SN_PROB"
Name: "UBLongPeriodVisitsSNProb"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor for browser logs for the maximum period. The percentage of traffic from social networks in all traffic from other hosts and search."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1368
CppName: "FI_UB_LONG_PERIOD_URL_DIRECT_H_CHILDREN_90_CNT_FROM_EXT_HOST"
Name: "UBLongPeriodDirectHChildren90CntFromExtHost"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. The average number of direct descendants from the host on which they spent more than 90 seconds. A direct descendant only if there is a link from our page to the descendant and it was clicked."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1369
CppName: "FI_UB_LONG_PERIOD_URL_DEPTH_FROM_EXT_HOST"
Name: "UUBLongPeriodDepthFromExtHost"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for maximum period. Average maximum depth of a tree rooted in the current URL when the URL is visited from other hosts."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
```

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Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1370
CppName: "FI_UB_LONG_PERIOD_URL_BROWSE_FRC"
Name: "UBLongPeriodBrowseFrc"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor for browser logs for the maximum period. The number of times a page was visited from
the sickle divided by the total number of pages visited from the sickle. The closer to 1, the more often the page was
opened by the only one in the session."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1371
CppName: "FI_UB_LONG_PERIOD_URL_AVG_SEARCH_DURATION_600"
Name: "UBLongPeriodAvgSearchDuration600"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. Average length of search sessions when the
page was accessed from the sickle"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1372
CppName: "FI_UB_LONG_PERIOD_URL_SEARCH_PERCENT_END"
Name: "UBLongPeriodSearchPercentEnd"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor based on browser logs for the maximum period. See the wiki for the factor calculation
formula."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1373
CppName: "FI_UB_LONG_PERIOD_URL_SEARCH_PERCENT_MIDDLE_30"
Name: "UBLongPeriodSearchPercentMiddle30"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor based on browser logs for the maximum period. See the wiki for the factor calculation
formula."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
```



```
}
Factor {
Index: 1374
CppName: "FI_UB_LONG_PERIOD_URL_VISIT_120_PROB"
Name: "UBLongPeriodVisit120Prob"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. Probability that the user will spend on the
page > 120 seconds."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1375
CppName: "FI_UB_LONG_PERIOD_URL_LEAVES_CNT"
Name: "UBLongPeriodLeavesCnt"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. The number of leaves in the URL subtree. In
this case, the leaves are the pages from which there were no clicks."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1376
CppName: "FI_UB_LONG_PERIOD_URL_DT_URL_H_CHILDREN_CUT_600"
Name: "UBLongPeriodDtUriHChildrenCut600"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. Average time spent on the page and in all
descendants of the page (URLs visited) from the host. Trimmed if the total Dt is greater than 10 minutes"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1377
CppName: "FI_UB_LONG_PERIOD_URL_MIN_TIME_WHEN_PAGE_SHOW"
Name: "UBLongPeriodMinTimeWhenPageShow"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. Minimum unix time when the page appeared
in the logs for the first time."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
```

Index: 1378

CppName: "FI\_UB\_LONG\_PERIOD\_URL\_DELTA\_AVG\_MIN\_TIME\_WHEN\_PAGE\_SHOW"

Name: "UBLongPeriodDeltaAvgMinTimeWhenPageShow"

Ticket: ["FACTOR-1149"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_MAX\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USER\_BROWSE\_LONG\_PERIOD\_STATIC]

Description: "Static URL factor for browser logs for the maximum period. The difference between the average and minimum unix time when the page appeared in the logs."

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"

Authors: ["edik"]

Responsibles: ["edik", "tarum", "niknik"]

}

Factor {

Index: 1379

CppName: "FI\_UB\_LONG\_PERIOD\_URL\_LATITUDE"

Name: "UBLongPeriodLatitude"

Ticket: ["FACTOR-1149"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_MAX\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USER\_BROWSE\_LONG\_PERIOD\_STATIC]

Description: "Static URL factor by browser logs for the maximum period. Average latitude where the page was viewed from."

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"

Authors: ["edik"]

Responsibles: ["edik", "tarum", "niknik"]

}

Factor {

Index: 1380

CppName: "FI\_UB\_LONG\_PERIOD\_URL\_LONGITUDE"

Name: "UBLongPeriodLongitude"

Ticket: ["FACTOR-1149"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_MAX\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USER\_BROWSE\_LONG\_PERIOD\_STATIC]

Description: "Static URL factor by browser logs for the maximum period. Average longitude where the page was viewed from."

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"

Authors: ["edik"]

Responsibles: ["edik", "tarum", "niknik"]

}

Factor {

Index: 1381

CppName: "FI\_UB\_LONG\_PERIOD\_URL\_DOWNLOADS\_PROB"

Name: "UBLongPeriodDownloadsProb"

Ticket: ["FACTOR-1149"]

Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_MAX\_PERIOD, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USER\_BROWSE\_LONG\_PERIOD\_STATIC]

Description: "Static URL factor by browser logs for the maximum period. Probability of jumping from the page"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"

Authors: ["edik"]

Responsibles: ["edik", "tarum", "niknik"]

}

Factor {

Index: 1382

CppName: "FI\_UB\_LONG\_PERIOD\_URL\_DOWNLOADS\_IMAGE\_PROB"

Name: "UBLongPeriodDownloadsImageProb"

```
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. Probability of downloading an image from
the page"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1383
CppName: "FI_UB_LONG_PERIOD_URL_DOWNLOADS_TORRENT_PROB"
Name: "UBLongPeriodDownloadsTorrentProb"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_USER_BROWSE_LONG_PERIOD_STATIC]
Description: "Static URL factor by browser logs for the maximum period. Probability of downloading a torrent file from
a page"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1384
CppName: "FI_UB_LONG_PERIOD_URL_SEARCH_PERCENT_END_REG"
Name: "UBLongPeriodSearchPercentEndReg"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_LOCALIZED_COUNTRY,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_USER_BROWPERIOD_LONGT
Countries: CNT_RELEV
Description: "Static URL factor by browser logs for the maximum period. See the wiki for the factor calculation
formula. Localization to the country level."
Group: "RegDocStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1385
CppName: "FI_UB_LONG_PERIOD_URL_LEAVES_CNT_REG"
Name: "UBLongPeriodLeavesCntReg"
Ticket: ["FACTOR-1149"]
Tags: [TG_DOC, TG_STATIC, TG_USER, TG_BROWSER, TG_L2, TG_LOCALIZED_COUNTRY,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_MAX_PERIOD,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_USER_BROWPERIOD_LONGT
Countries: CNT_RELEV
Description: "Static URL factor by browser logs for the maximum period. The number of leaves in the URL subtree. In
this case, the leaves are pages from which there were no clicks. Localized to the country level."
Group: "RegDocStatic"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1386
```

CppName: "FI\_UB\_LONG\_PERIOD\_URL\_DT\_URL\_H\_CHILDREN\_CUT\_600\_REG"  
Name: "UBLongPeriodDtUriHChildrenCut600Reg"  
Ticket: ["FACTOR-1149"]  
Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_LOCALIZED\_COUNTRY,  
TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_MAX\_PERIOD,  
TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USER\_BROWPERIOD\_LONGT  
Countries: CNT\_RELEV  
Description: "Static URL factor by browser logs for the maximum period. Average time spent on the page and in all  
descendants of the page (URLs visited) from the host. Trimmed if the total Dt is more than 10 minutes. Localization to  
the country level."  
Group: "RegDocStatic"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1387  
CppName: "FI\_MISPELL\_LM\_NGR\_YANDEX\_DIRECT\_ORIGINAL"  
Name: "MisspellLmNgrYandexDirectOriginal"  
DependsOn: [{"Feature": ["MisspellLmNgrYandexDirectOriginal"], "Slice": "begemot\_query\_factors"}]  
Ticket: ["FACTOR-1205"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/MisspellFactors"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_DEPRECATED]  
Description: "The sum of query word speeds according to the 3grams-yandex-direct language model."  
Authors: ["mbusel", "anton-fr", "enhydra"]  
Responsibles: ["mbusel"]  
}  
Factor {  
Index: 1388  
CppName: "FI\_MISPELL\_LM\_RTL\_NGR\_WEB\_MT\_ORIGINAL"  
Name: "MisspellLmRtlNgrWebMtOriginal"  
DependsOn: [{"Feature": ["MisspellLmRtlNgrWebMtOriginal"], "Slice": "begemot\_query\_factors"}]  
Ticket: ["FACTOR-1205"]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/MisspellFactors"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_DEPRECATED]  
Description: "The sum of query word rates for the web-mt language model."  
Authors: ["mbusel", "anton-fr", "enhydra"]  
Responsibles: ["mbusel"]  
}  
Factor {  
Index: 1389  
CppName: "FI\_UB\_LONG\_PERIOD\_RANK"  
Name: "UBLongPeriodRank"  
Ticket: ["SAMOVAR-1586"]  
Tags: [TG\_DOC, TG\_STATIC, TG\_USER, TG\_BROWSER, TG\_L2, TG\_UNIMPLEMENTED,  
TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_MAX\_PERIOD,  
TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_USER\_BROWSE\_LONG\_PERIO]  
Description: "Static URL factor by browser logs for the maximum period. Rank, based only on UBLP counters, which  
allows you to find many SBR losses"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/UBLongPeriodUrlFactors"  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1390  
CppName: "FI\_QFUF\_TOP\_SUM\_WF\_SUM\_W\_FIELD\_SET3\_BCLM\_WEIGHTED\_FLOG\_WO\_K0\_001"  
Name: "QfufTopSumWFSumWFieldSet3BclmWeightedFLogWOK0001"  
Ticket: "THES-125"

```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_ANNOTATION_NOFILTER,
TG_LINGBOOST, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD]
UseArtifact: {Name: "QfufExpansions"}
Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: BclmWeightedFLogW0_K0.001 by FieldSet3.
Weighted average of factor values by top 10 extensions."
Authors: ["gotmanov", "alsafr", "misyurev", "antonova"]
Responsibles: ["gotmanov", "alsafr", "edik"]
}
Factor {
Index: 1391
CppName: "FI_QUERY_TO_TEXT_ALL_SUM_WF_SUM_W_BODY_MIN_WINDOW_SIZE"
Name: "QueryToTextAllSumWFSumWBodyMinWindowSize"
Ticket: "THES-191"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NN_OVER_FEATURES_USE]
UseArtifact: {Name: "QueryToTextExpansions"}
Description: "Linguistic boosting factor. Extension type: QueryToText. Factor: by MinWindowSize by document
content. Weighted average of factor values by extensions."
Authors: ["gotmanov", "alsafr", "grechnik"]
Responsibles: ["gotmanov", "alsafr", "edik"]
}
Factor {
Index: 1392
CppName: "FI_QUERY_TO_TEXT_ALL_AVG_W"
Name: "QueryToTextAllAvgW"
Ticket: "THES-191"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NN_OVER_FEATURES_USE]
UseArtifact: {Name: "QueryToTextExpansions"}
Description: "Linguistic boosting factor. Average weight of QueryToText type extensions."
Authors: ["gotmanov", "alsafr", "grechnik"]
Responsibles: ["gotmanov", "alsafr", "edik"]
}
Factor {
Index: 1393
CppName: "FI_QFUF_ALL_SUM_WF_SUM_W_QUERY_DWELL_TIME_MIX_MATCH_WEIGHTED_VALUE"
Name: "QfufAllSumWFSumWQueryDwellTimeMixMatchWeightedValue"
Ticket: "THES-125"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_LINGBOOST,
TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_USERFEAT_CLICK_MACHINE]
Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: MixMatchWeightedValue by QueryDwellTime
stream. Weighted average of factor values by extensions."
Authors: ["gotmanov", "alsafr", "misyurev", "antonova"]
Responsibles: ["gotmanov", "alsafr", "edik"]
}
Factor {
Index: 1394
CppName: "FI_QUERY_TO_TEXT_TOP_MIN_WF_BODY_MIN_WINDOW_SIZE"
Name: "QueryToTextTopMinWFBBodyMinWindowSize"
Ticket: "THES-191"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
```

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Linguistic boosting factor. Extension type: QueryToText. Factor: MinWindowSize by document content. Weighted average of factor values by top 10 extensions."  
UseArtifact: {Name: "QueryToTextExpansions"}  
Authors: ["gotmanov", "alsafr", "grechnik"]  
Responsibles: ["gotmanov", "alsafr", "edik"]  
}

Factor {  
Index: 1395  
CppName: "FI\_QFUF\_ALL\_MAX\_F\_FIELD\_SET\_UT\_BM15\_FLOG\_WO\_KO\_0001"  
Name: "QfufAllMaxFFieldSetUTBm15FLogWOK0001"  
Ticket: "THES-125"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_URL\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
UseArtifact: {Name: "QfufExpansions"}  
Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: Bm15FLogWO\_KO.0001 by url and title. Maximum factor value by extensions."  
Authors: ["gotmanov", "alsafr", "misyurev", "antonova"]  
Responsibles: ["gotmanov", "alsafr", "edik"]  
}

Factor {  
Index: 1396  
CppName: "FI\_QFUF\_ALL\_SUM\_WF\_SUM\_W\_FIELD\_SET3\_BCLM\_WEIGHTED\_FLOG\_WO\_KO\_001"  
Name: "QfufAllSumWFSumWFieldSet3BclmWeightedFLogWOK0001"  
Ticket: "THES-125"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD]  
UseArtifact: {Name: "QfufExpansions"}  
Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: BclmWeightedFLogWO\_KO.001 by FieldSet3. Weighted average of factor values by extensions."  
Authors: ["gotmanov", "alsafr", "misyurev", "antonova"]  
Responsibles: ["gotmanov", "alsafr", "edik"]  
}

Factor {  
Index: 1397  
CppName: "FI\_QFUF\_ALL\_AVG\_W"  
Name: "QfufAllAvgW"  
Ticket: "THES-125"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_QUERY\_ONLY, TG\_USER, TG\_USER\_SEARCH, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Linguistic boosting factor. Average weight of extensions like Qfuf."  
UseArtifact: {Name: "QfufExpansions"}  
Authors: ["gotmanov", "alsafr", "misyurev", "antonova"]  
Responsibles: ["gotmanov", "alsafr", "edik"]  
}

Factor {  
Index: 1398  
CppName: "FI\_QUERY\_TO\_TEXT\_ALL\_SUM\_F\_COUNT\_BODY\_PAIR\_MIN\_PROXIMITY"  
Name: "QueryToTextAllSumFCountBodyPairMinProximity"  
Ticket: "THES-191"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Linguistic boosting factor. Extension type: QueryToText. Factor: PairMinProximity over document content. Average of factor values across extensions."

UseArtifact: {Name: "QueryToTextExpansions"}

Authors: ["gotmanov", "alsafr", "grechnik"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1399

CppName: "FI\_QFUF\_ALL\_TOTAL\_W"

Name: "QfufAllTotalW"

Ticket: "THES-125"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_QUERY\_ONLY, TG\_USER, TG\_USER\_SEARCH, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]

UseArtifact: {Name: "QfufExpansions"}

Description: "Linguistic boosting factor. Extension type: Qfuf. Renormalized total extension weight."

Authors: ["gotmanov", "alsafr", "misyurev", "antonova"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1400

CppName: "FI\_QUERY\_TO\_TEXT\_ALL\_SUM\_F\_COUNT\_TEXT\_BOCM11\_NORM256"

Name: "QueryToTextAllSumFCountTextBocm11Norm256"

Ticket: "THES-191"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]

Description: "Linguistic boosting factor. Extension type: QueryToText. Factor: Bocm11\_Norm256 by document text. Average of factor values by extensions."

UseArtifact: {Name: "QueryToTextExpansions"}

Authors: ["gotmanov", "alsafr", "grechnik"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1401

CppName: "FI\_QFUF\_ALL\_MAX\_F\_TEXT\_COSINE\_MATCH\_MAX\_PREDICTION"

Name: "QfufAllMaxFTextCosineMatchMaxPrediction"

Ticket: "THES-125"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]

UseArtifact: {Name: "QfufExpansions"}

Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: CosineMatchMaxPrediction by document text. Maximum value of factor by extensions."

Authors: ["gotmanov", "alsafr", "misyurev", "antonova"]

Responsibles: ["gotmanov", "alsafr", "edik"]

}

Factor {

Index: 1402

CppName: "FI\_QFUF\_TOP\_SUM\_W2F\_SUM\_W\_FIELD\_SET1\_BM15FLOG\_K0\_001"

Name: "QfufTopSumW2FSumWFieldSet1Bm15FLogK001"

Ticket: "THES-125"

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_URL\_TEXT, TG\_LINK\_TEXT, TG\_ANNOTATION\_FILTER, TG\_ANNOTATION\_NOFILTER, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_DEPRECATED]

UseArtifact: {Name: "QfufExpansions"}

Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: Bm15FLog\_K0.001 by FieldSet1. Weighted average of factor values with quadratic weight over the top 10 by extension factor value."

Authors: ["gotmanov", "alsifr", "misyurev", "antonova"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}  
Factor {  
Index: 1403  
CppName: "FI\_QFUF\_ALL\_MAX\_F\_TEXT\_BOCM11\_NORM256"  
Name: "QfufAllMaxFTextBocm11Norm256"  
Ticket: "THES-125"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
UseArtifact: {Name: "QfufExpansions"}  
Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: Bocm11\_Norm256 by document text. Maximum value of the factor by extensions."  
Authors: ["gotmanov", "alsifr", "misyurev", "antonova"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}  
Factor {  
Index: 1404  
CppName: "FI\_QFUF\_TOP\_SUM\_WF\_SUM\_W\_FIELD\_SET\_UT\_BM15FLOGWO\_K0\_0001"  
Name: "QfufTopSumWFSumWFieldSetUTBm15FLogW0K00001"  
Ticket: "THES-125"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_URL\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
UseArtifact: {Name: "QfufExpansions"}  
Description: "Linguistic boosting factor. Extension type: Qfuf. Factor: Bm15FLogW0\_K0.0001 by url and title. Weighted average of factor values by extensions."  
Authors: ["gotmanov", "alsifr", "misyurev", "antonova"]  
Responsibles: ["gotmanov", "alsifr", "edik"]  
}  
Factor {  
Index: 1405  
CppName: "FI\_DSSM\_ONE\_CLICK\_PROBABILITY"  
Name: "DssmOneClickProbability"  
Ticket: "FACTOR-1123"  
Tags: [TG\_DEPRECATED, TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_RTMODELS\_SERVICE]  
Countries: [CNT\_ALL]  
Description: "DSSM model trained on clicks, target=OneClicks/Clicks. Takes bigrams into account."  
UseArtifact: {Name: "DssmMulticosStreams"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"  
Authors: ["tsimkha", "alsifr"]  
Responsibles: ["agusakov", "tsimkha"]  
}  
Factor {  
Index: 1406  
CppName: "FI\_DSSM\_QUERY\_DWELL\_TIME"  
Name: "DssmQueryDwellTime"  
Ticket: "FACTOR-1123"  
Tags: [TG\_DEPRECATED, TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELLTIME]  
Countries: [CNT\_ALL]  
Description: "DSSM model trained on clicks, target=QueryDwellTime stream value. Takes bigrams into account."  
UseArtifact: {Name: "DssmMulticosStreams"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"



Authors: ["tsimkha", "alsifr"]  
Responsibles: ["agusakov", "tsimkha"]  
}  
Factor {  
Index: 1407  
CppName: "FI\_ALL\_MATCHED\_WORD\_WEIGHTS\_SUM"  
Name: "AllMatchedWordWeightsSum"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The normalized sum of the weights of the query words that are found in the text of the document or links to it."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1408  
CppName: "FI\_STRING\_MATCHED\_WORD\_WEIGHTS\_SUM"  
Name: "StringMatchedWordWeightsSum"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The normalized sum of the weights of the query words that are EQUAL\_BY\_STRING in the text of the document or links to it."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1409  
CppName: "FI\_ALL\_MATCHED\_WORD\_WEIGHTS\_SUM\_TEXT"  
Name: "AllMatchedWordWeightsSumText"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The normalized sum of the weights of the query words that occurred in the text of the document."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1410  
CppName: "FI\_ALL\_MATCHED\_WORD\_WEIGHTS\_SUM\_LINK"  
Name: "AllMatchedWordWeightsSumLink"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Normalized sum of the weights of the query words that occurred in the links to the document."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1411  
CppName: "FI\_STRING\_MATCHED\_WORD\_WEIGHTS\_SUM\_LINK"  
Name: "StringMatchedWordWeightsSumLink"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Normalized sum of query word weights that are EQUAL\_BY\_STRING in document links."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1412  
CppName: "FI\_ALL\_MATCHED\_WORD\_FILTRATION\_MODEL\_WEIGHTS\_SUM"

Name: "AllMatchedWordFiltrationModelWeightsSum"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Normalized sum of weights by IFiltrationModel of query words found in the text of the document or links to it."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1413  
CppName: "FI\_STRING\_MATCHED\_WORD\_FILTRATION\_MODEL\_WEIGHTS\_SUM"  
Name: "StringMatchedWordFiltrationModelWeightsSum"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Normalized sum of weights by IFiltrationModel of query words that are EQUAL\_BY\_STRING in the document text or links to it."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1414  
CppName: "FI\_LEMMA\_MATCHED\_WORD\_FILTRATION\_MODEL\_WEIGHTS\_SUM"  
Name: "LemmaMatchedWordFiltrationModelWeightsSum"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Normalized sum of weights by IFiltrationModel of query words that are EQUAL\_BY\_LEMMA in the document text or links to it."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1415  
CppName: "FI\_ALL\_MATCHED\_WORD\_FILTRATION\_MODEL\_WEIGHTS\_SUM\_LINK"  
Name: "AllMatchedWordFiltrationModelWeightsSumLink"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The normalized sum of the IFiltrationModel weights of the query words that occurred in the document links."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1416  
CppName: "FI\_STRING\_MATCHED\_WORD\_FILTRATION\_MODEL\_WEIGHTS\_SUM\_LINK"  
Name: "StringMatchedWordFiltrationModelWeightsSumLink"  
Ticket: "SEARCH-3643"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Normalized sum of weights by IFiltrationModel of query words that are EQUAL\_BY\_STRING in document references."  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
}  
Factor {  
Index: 1417  
CppName: "FI\_QFUF\_ALL\_MAX\_F\_LINKANN\_INDICATOR\_ANNOTATION\_MAX\_VALUE\_WEIGHTED"  
Name: "QfufAllMaxFLinkAnnIndicatorAnnotationMaxValueWeighted"  
Ticket: "FACTOR-1872"

Tags: [TG\_USER, TG\_LINK\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_USER\_SEARCH, TG\_DYNAMIC, TG\_NN\_OVER\_FEATURES\_USE]  
UseArtifact: {Name: "QfufExpansions"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Description: "Linguistic boosting factor. Extension type: Qfuf. Aggregation over all extensions. The highest value of the factor. Based on the stream from the link index LinkAnnIndicator. AnnotationMaxValueWeighted algorithm - the maximum weight (by MainWeights word weights) of annotation coverage, weighted by the weight of the annotation"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-09-21"  
}  
Factor {  
Index: 1418  
CppName: "FI\_QFUF\_ALL\_MAX\_WF\_LINKANN\_INDICATOR\_FULL\_MATCH\_VALUE"  
Name: "QfufAllMaxWFLinkAnnIndicatorFullMatchValue"  
Ticket: "FACTOR-1872"  
Tags: [TG\_USER, TG\_LINK\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_USER\_SEARCH, TG\_DYNAMIC, TG\_NN\_OVER\_FEATURES\_USE]  
UseArtifact: {Name: "QfufExpansions"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Description: "Linguistic boosting factor. Extension type: Qfuf. Aggregation over all extensions. The highest value of the factor. Based on the stream from the link index LinkAnnIndicator. AnnotationMaxValueWeighted algorithm - the maximum weight (by MainWeights word weights) of annotation coverage, weighted by the weight of the annotation"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-09-21"  
}  
Factor {  
Index: 1419  
CppName: "FI\_XF\_DT\_SHOW\_ALL\_MAX\_WF\_MAX\_W\_LINKANN\_INDICATOR\_PER\_WORD\_CM\_MAX\_MATCH\_MIN"  
Name: "XfDtShowAllMaxWFMaxWLinkAnnIndicatorPerWordCMaxMatchMin"  
Ticket: "FACTOR-1872"  
Tags: [TG\_USER, TG\_LINK\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_USER\_SEARCH, TG\_DYNAMIC, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "XfDtExpansions"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Description: "Linguistic boosting factor. Extension type: XfDtShow. Aggregation across all extensions. Largest weighted factor value. Normalized to maximum extension weight. Based on stream from LinkAnnIndicator link index. PerWordCMaxMatchMin algorithm: minimum CMMMaxMatch weight by words."  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-09-21"  
}  
Factor {  
Index: 1420  
CppName: "FI\_XF\_DT\_SHOW\_KNN\_ALL\_MAX\_WF\_META\_POLY\_GEN8\_BCLM\_MIX\_PLAIN\_KE5"  
Name: "XfDtShowKnnAllMaxWFMetaPolyGen8BclmMixPlainKE5"  
Ticket: "FACTOR-1918"  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn (nearest by dssm model trained to predict XfDtShow extensions). Aggregation over all extensions. Largest weighted value of the factor. A mixture of many streams, the weight is calculated by a fixed polynomial from the weights of the components on a given annotation. Word weight aggregation algorithm - BclmMixPlain: linear mixture of annotated Bclm weight and weighted Positionless word weight, then word counts are aggregated via bm15. Normalization factor 10<sup>(-5)</sup>."  
Tags: [TG\_LOCALIZED\_COUNTRY, TG\_ANNOTATION\_NOFILTER, TG\_DOC, TG\_KNN, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_USERFEAT\_META\_STREAM, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]  
UseArtifact: {Name: "KnnExpansions"}

Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-10-17"  
}  
Factor {  
Index: 1421  
CppName: "FI\_XF\_DT\_SHOW\_KNN\_ALL\_MAX\_WF\_MAX\_W\_CTR\_LONG\_PERIOD\_WORD\_COVERAGE\_FORM"  
Name: "XfDtShowKnnAllMaxWFMaxWCorrectedCtrLongPeriodWordCoverageForm"  
Ticket: "FACTOR-1918"  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn (nearest by dssm model trained to predict XfDtShow extensions). Aggregation over all extensions. Largest weighted factor value. Normalized to maximum extension weight. Stream: CorrectedCtrLongPeriod. Degree of coverage of query words accurate to forms (without synonyms)."

Tags: [TG\_LOCALIZED\_COUNTRY, TG\_ANNOTATION\_NOFILTER, TG\_DOC, TG\_KNN, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]  
UseArtifact: {Name: "KnnExpansions"}

Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-10-17"  
}

Factor {  
Index: 1422  
CppName: "FI\_QFUF\_ALL\_MAX\_WF\_MAX\_W\_VPCG\_CORRECTED\_CLICKS\_SLP\_EXACT\_QUERY\_MATCH\_AVG\_VALUE"  
Name: "QfufAllMaxWFMaxWVpcgCorrectedClicksSLPExactQueryMatchAvgValue"  
Ticket: "FACTOR-1918"  
Description: "Linguistic boosting factor. Extension type: Qfuf. Aggregation over all extensions. Highest weighted factor value. Normalized to maximum extension weight. Vpcg result for a long long period, data: CorrectedClicks. Average weight of annotations among those in which the query turned out to be accurate substring."

Tags: [TG\_LOCALIZED\_COUNTRY, TG\_ANNOTATION\_NOFILTER, TG\_DOC, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_1832D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "QfufExpansions"}

Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-10-17"  
}

Factor {  
Index: 1423  
CppName:  
"FI\_XF\_DT\_SHOW\_KNN\_ALL\_MAX\_WF\_MAX\_W\_CTR\_LONG\_PERIOD\_BCLM\_PLANE\_PROXIMITY1\_BM15\_W0\_SIZE1\_K0001"  
Name: "XfDtShowKnnAllMaxWFMaxWCorrectedCtrLongPeriodBclmPlaneProximity1Bm15W0Size1K0001"  
Ticket: "FACTOR-1946"

Description: "Linguistic boosting factor. Extension type: XfDtShowKnn (nearest by dssm model trained to predict XfDtShow extensions). Aggregation over all extensions. Largest factor weighted. Normalized to maximum extension weight. Stream: CorrectedCtrLongPeriod. BclmPlaneProximity1Bm15W0Size1 algorithm: uses bclm with weightless weighting if there are several query words, if there is only one word, then the sum of hits weighted by the match type is used. The normalization coefficient is 0.001."

Tags: [TG\_LOCALIZED\_COUNTRY, TG\_ANNOTATION\_NOFILTER, TG\_DOC, TG\_KNN, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_730D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]  
UseArtifact: {Name: "KnnExpansions"}

Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]

```
ImplementationTime: "2018-12-07"
}
Factor {
Index: 1424
CppName: "FI_XF_DT_SHOW_KNN_ALL_AVG_W"
Name: "XfDtShowKnnAllAvgW"
Ticket: "FACTOR-1946"
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn (closest by dssm model trained to predict XfDtShow extensions). Aggregation over all extensions. Average weight of extensions."
Tags: [TG_QUERY_ONLY, TG_KNN, TG_LINGBOOST, TG_TEXT_MACHINE, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
UseArtifact: {Name: "KnnExpansions"}
Authors: ["ilnurkh"]
Responsibles: ["ilnurkh"]
ImplementationTime: "2018-12-07"
}
Factor {
Index: 1425
CppName: "FI_DSSM_LANGUAGE_CLASSIFIER_RUS_L2"
Name: "DssmLanguageClassifierRusL2"
Tags: [TG_STATIC, TG_DOC, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_L2, TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Document dssm model language classifier rus."
Ticket: "LOWSEARCH-105"
Authors: ["hygge", "alejes", "ibelotelov"]
Responsibles: ["hygge", "alejes"]
}
Factor {
Index: 1426
CppName: "FI_DSSM_LANGUAGE_CLASSIFIER_ENG_L2"
Name: "DssmLanguageClassifierEngL2"
Tags: [TG_STATIC, TG_DOC, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_L2, TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Document dssm model language classifier eng."
Ticket: "LOWSEARCH-105"
Authors: ["hygge", "alejes", "ibelotelov"]
Responsibles: ["hygge", "alejes"]
}
Factor {
Index: 1427
CppName: "FI_DSSM_LANGUAGE_CLASSIFIER_OTH_L2"
Name: "DssmLanguageClassifierOthL2"
Tags: [TG_STATIC, TG_DOC, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_L2, TG_UNIMPLEMENTED, TG_UNUSED]
Description: "Document dssm model language classifier other."
Ticket: "LOWSEARCH-105"
Authors: ["hygge", "alejes", "ibelotelov"]
Responsibles: ["hygge", "alejes"]
}
Factor {
Index: 1428
CppName: "FI_REMOVED_1428"
Name: "Removed_1428"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1429
CppName: "FI_REMOVED_1429"
Name: "Removed_1429"
Tags: [TG_REMOVED, TG_REUSABLE]
}
```

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Factor {
Index: 1430
CppName: "FI_ALICE_ARAMUSIC"
Name: "alice_aramusic_dssm"
Tags: [TG_ALICE_ARAMUSIC, TG_RTMODELS_SERVICE, TG_NEURAL, TG_DYNAMIC, TG_DOC, TG_URL_TEXT,
TG_DOC_TEXT, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 1431
CppName: "FI_ALICE_MUSIC_RELEVANCE_DSSM"
Name: "AliceMusicRelevanceDssm"
Tags: [TG_ALICE_MUSIC, TG_RTMODELS_SERVICE, TG_NEURAL, TG_DYNAMIC, TG_DOC, TG_URL_TEXT,
TG_DOC_TEXT, TG_ALLOW_USE_FOR_ALICE, TG_UNUSED, TG_UNIMPLEMENTED]
Ticket: "SEARCHSPEC-359"
Description: "DSSM model prediction to identify irrelevant Alice responses"
Authors: ["nenashevna"]
Responsibles: ["nenashevna", "jaguar1996", "today"]
}
Factor {
Index: 1432
CppName: "FI_RANDOM_LOG_QUERY_AVG_NEWS"
Name: "RandomLogQueryAvgNews"
DependsOn: [{"Feature": ["RandomLogQueryAvgNews"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of News by request for the year. Calculated offline."
DependsOn: [{"Feature": ["News"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsafr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1433
CppName: "FI_RANDOM_LOG_QUERY_AVG_ADD_TIME"
Name: "RandomLogQueryAvgAddTime"
DependsOn: [{"Feature": ["RandomLogQueryAvgAddTime"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_DATE, TG_RANDOM_LOG,
TG_DEPRECATED]
Description: "Average value of AddTime on request for a year. Calculated offline."
DependsOn: [{"Feature": ["AddTime"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsafr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1434
CppName: "FI_RANDOM_LOG_QUERY_AVG_TEXT_HI_RELEV_SYN"
Name: "RandomLogQueryAvgTxtHiRelSy"
DependsOn: [{"Feature": ["RandomLogQueryAvgTxtHiRelSy"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average value of TxtHiRelSy on request for a year. Calculated offline."
DependsOn: [{"Feature": ["TxtHiRelSy"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsafr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}

```

```
Factor {
Index: 1435
CppName: "FI_RANDOM_LOG_QUERY_AVG_TEXT_LIKE"
Name: "RandomLogQueryAvgTextLike"
DependsOn: [{"Feature": ["RandomLogQueryAvgTextLike"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average value of TextLike on request for a year. Calculated offline."
DependsOn: [{"Feature": ["TextLike"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1436
CppName: "FI_RANDOM_LOG_QUERY_AVG_HAS_NO_ALL_WORDS_TR_SYN"
Name: "RandomLogQueryAvgHasNoAllWordsTRSy"
DependsOn: [{"Feature": ["RandomLogQueryAvgHasNoAllWordsTRSy"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of HasNoAllWordsTRSy per query over the year. Calculated offline."
DependsOn: [{"Feature": ["HasNoAllWordsTRSy"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1437
CppName: "FI_RANDOM_LOG_QUERY_AVG_IS_FORUM"
Name: "RandomLogQueryAvgIsForum"
DependsOn: [{"Feature": ["RandomLogQueryAvgIsForum"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of IsForum by request for the year. Calculated offline."
DependsOn: [{"Feature": ["IsForum"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1438
CppName: "FI_RANDOM_LOG_QUERY_AVG_HAS_PAYMENTS"
Name: "RandomLogQueryAvgHasPayments"
DependsOn: [{"Feature": ["RandomLogQueryAvgHasPayments"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of HasPayments per request per year. Calculated offline."
DependsOn: [{"Feature": ["HasPayments"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1439
CppName: "FI_RANDOM_LOG_QUERY_AVG_YABAR_HOST_AVG_TIME2"
Name: "RandomLogQueryAvgYabarHostAvgTime2"
DependsOn: [{"Feature": ["RandomLogQueryAvgYabarHostAvgTime2"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
}
```

```
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER, TG_RANDOM_LOG,
TG_DEPRECATED]
Description: "Average value of YabarHostAvgTime2 per request per year. Calculated offline."
DependsOn: [{Feature: ["YabarHostAvgTime2"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1440
CppName: "FI_RANDOM_LOG_QUERY_AVG_YABAR_URL_VISITORS"
Name: "RandomLogQueryAvgYabarUrlVisitors"
DependsOn: [{Feature: ["RandomLogQueryAvgYabarUrlVisitors"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER, TG_RANDOM_LOG,
TG_DEPRECATED]
Description: "Yearly average of YabarUrlVisitors per request. Calculated offline."
DependsOn: [{Feature: ["YabarUrlVisitors"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1441
CppName: "FI_RANDOM_LOG_QUERY_AVG_QUERY_DOWNER_ONLY_CLICK_RATE"
Name: "RandomLogQueryAvgQueryDOwnerOnlyClickRate"
DependsOn: [{Feature: ["RandomLogQueryAvgQueryDOwnerOnlyClickRate"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_DOWNER, TG_USER_EXT_DATA,
TG_USER_SEARCH_EXTERNAL, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of QueryDOwnerOnlyClickRate per query over the year. Calculated offline."
DependsOn: [{Feature: ["QueryDOwnerOnlyClickRate"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1442
CppName: "FI_RANDOM_LOG_QUERY_AVG_DATER_AGE"
Name: "RandomLogQueryAvgDaterAge"
DependsOn: [{Feature: ["RandomLogQueryAvgDaterAge"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average value of DaterAge on request for a year. Calculated offline."
DependsOn: [{Feature: ["DaterAge"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1443
CppName: "FI_RANDOM_LOG_QUERY_AVG_LONGEST_TEXT"
Name: "RandomLogQueryAvgLongestText"
DependsOn: [{Feature: ["RandomLogQueryAvgLongestText"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of LongestText by query over the year. Calculated offline."
DependsOn: [{Feature: ["LongestText"], Slice: "web_production"}]
```



```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1444
CppName: "FI_RANDOM_LOG_QUERY_AVG_DIFFERENT_INTERNAL_LINKS"
Name: "RandomLogQueryAvgDifferentInternalLinks"
DependsOn: [{"Feature": ["RandomLogQueryAvgDifferentInternalLinks"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of DifferentInternalLinks per request over the year. Calculated offline."
DependsOn: [{"Feature": ["DifferentInternalLinks"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1445
CppName: "FI_RANDOM_LOG_QUERY_AVG_QUERY_DOWNER_ONLY_CLICK_RATE_REG"
Name: "RandomLogQueryAvgQueryDOwnerOnlyClickRate_Reg"
DependsOn: [{"Feature": ["RandomLogQueryAvgQueryDOwnerOnlyClickRate_Reg"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_DOWNER, TG_USER_EXT_DATA,
TG_USER_SEARCH_EXTERNAL, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of QueryDOwnerOnlyClickRate_Reg for a query over the year. Calculated offline."
DependsOn: [{"Feature": ["QueryDOwnerOnlyClickRate_Reg"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1446
CppName: "FI_RANDOM_LOG_QUERY_AVG_IS_HUB"
Name: "RandomLogQueryAvgIsHub"
DependsOn: [{"Feature": ["RandomLogQueryAvgIsHub"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of IsHub per request per year. Calculated offline."
DependsOn: [{"Feature": ["IsHub"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
# TODO FACTORDEL-97 and SEARCH-9666. Mark as TG_REUSABLE after removing old DynamicL1TopSize formula
Factor {
Index: 1447
CppName: "FI_REMOVED_1447"
Name: "Removed_1447"
Tags: [TG_REMOVED]
}
Factor {
Index: 1448
CppName: "FI_RANDOM_LOG_QUERY_AVG_BM25_0"
Name: "RandomLogQueryAvgBM25_0"
DependsOn: [{"Feature": ["RandomLogQueryAvgBM25_0"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
```

Description: "Average value of BM25\_0 requested for the year. Calculated offline."  
DependsOn: [{"Feature": ["BM25\_0"], "Slice": "web\_production"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"  
Authors: ["alsافر", "tsimkha", "ptanusha"]  
Responsibles: ["ptanusha"]  
}  
Factor {  
Index: 1449  
CppName: "FI\_RANDOM\_LOG\_QUERY\_AVG\_BOCM"  
Name: "RandomLogQueryAvgBocm"  
DependsOn: [{"Feature": ["RandomLogQueryAvgBocm"], "Slice": "begemot\_query\_factors"}]  
Ticket: "FACTOR-1247"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_RANDOM\_LOG, TG\_DEPRECATED]  
Description: "Average value of Bocm on request for a year. Calculated offline."  
DependsOn: [{"Feature": ["Bocm"], "Slice": "web\_production"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"  
Authors: ["alsافر", "tsimkha", "ptanusha"]  
Responsibles: ["ptanusha"]  
}  
Factor {  
Index: 1450  
CppName: "FI\_RANDOM\_LOG\_QUERY\_AVG\_IS\_INDEX\_PAGE"  
Name: "RandomLogQueryAvgIsIndexPathPage"  
DependsOn: [{"Feature": ["RandomLogQueryAvgIsIndexPathPage"], "Slice": "begemot\_query\_factors"}]  
Ticket: "FACTOR-1247"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_RANDOM\_LOG, TG\_DEPRECATED]  
Description: "Average value of IsIndexPathPage on request for a year. Calculated offline."  
DependsOn: [{"Feature": ["IsIndexPathPage"], "Slice": "web\_production"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"  
Authors: ["alsافر", "tsimkha", "ptanusha"]  
Responsibles: ["ptanusha"]  
}  
Factor {  
Index: 1451  
CppName: "FI\_RANDOM\_LOG\_QUERY\_AVG\_QUERIES\_AVG\_CM2"  
Name: "RandomLogQueryAvgQueriesAvgCM2"  
DependsOn: [{"Feature": ["RandomLogQueryAvgQueriesAvgCM2"], "Slice": "begemot\_query\_factors"}]  
Ticket: "FACTOR-1247"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_OWNER, TG\_COMMERCIAL, TG\_RANDOM\_LOG, TG\_DEPRECATED]  
Description: "Average of QueriesAvgCM2 per request per year. Calculated offline."  
DependsOn: [{"Feature": ["QueriesAvgCM2"], "Slice": "web\_production"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"  
Authors: ["alsافر", "tsimkha", "ptanusha"]  
Responsibles: ["ptanusha"]  
}  
Factor {  
Index: 1452  
CppName: "FI\_RANDOM\_LOG\_QUERY\_AVG\_BROWSER\_HOST\_DOWNLOAD\_PROBABILITY"  
Name: "RandomLogQueryAvgBrowserHostDownloadProbability"  
DependsOn: [{"Feature": ["RandomLogQueryAvgBrowserHostDownloadProbability"], "Slice": "begemot\_query\_factors"}]  
Ticket: "FACTOR-1247"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_BROWSER, TG\_RANDOM\_LOG, TG\_DEPRECATED]  
Description: "Average of BrowserHostDownloadProbability per request per year. Calculated offline."  
DependsOn: [{"Feature": ["BrowserHostDownloadProbability"], "Slice": "web\_production"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"  
Authors: ["alsافر", "tsimkha", "ptanusha"]

```
Responsibles: ["ptanusha"]
}
Factor {
Index: 1453
CppName: "FI_RANDOM_LOG_QUERY_AVG_REG_BROWSER_USER_HUB"
Name: "RandomLogQueryAvgRegBrowserUserHub"
DependsOn: [{"Feature": ["RandomLogQueryAvgRegBrowserUserHub"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER, TG_USER_EXT_DATA, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average value of RegBrowserUserHub on request for a year. Calculated offline."
DependsOn: [{"Feature": ["RegBrowserUserHub"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1454
CppName: "FI_RANDOM_LOG_QUERY_AVG_AUX_TITLE_BM25"
Name: "RandomLogQueryAvgAuxTitleBM25"
DependsOn: [{"Feature": ["RandomLogQueryAvgAuxTitleBM25"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average value of AuxTitleBM25 on request for a year. Calculated offline."
DependsOn: [{"Feature": ["AuxTitleBM25"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1455
CppName: "FI_RANDOM_LOG_QUERY_AVG_QUERY_URL_CORRECTED_CTR_XFACTOR"
Name: "RandomLogQueryAvgQueryUrlCorrectedCtrXfactor"
DependsOn: [{"Feature": ["RandomLogQueryAvgQueryUrlCorrectedCtrXfactor"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_COLLABORATED, TG_RANDOM_LOG, TG_DEPRECATED, TG_REMOVED]
Description: "Average of QueryUrlCorrectedCtrXfactor for a query over the year. Calculated offline."
DependsOn: [{"Feature": ["QueryUrlCorrectedCtrXfactor"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1456
CppName: "FI_RANDOM_LOG_QUERY_AVG_QUERY_TO_DOC_ALL_SUM_F_COUNT_TEXT_BM11_NORM16384"
Name: "RandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384"
DependsOn: [{"Feature": ["RandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of QueryToDocAllSumFCountTextBm11Norm16384 by request for the year. Calculated offline."
DependsOn: [{"Feature": ["REMOVED_1018"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsifr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
```

```
Factor {
Index: 1457
CppName: "FI_RANDOM_LOG_QUERY_AVG_XF_DT_SHOW_ALL_SUM_WF_SUM_W_BODY_MIN_WINDOW_SIZE"
Name: "RandomLogQueryAvgXfDtShowAllSumWFSumWBodyMinWindowSize"
DependsOn: [{"Feature": ["RandomLogQueryAvgXfDtShowAllSumWFSumWBodyMinWindowSize"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_RANDOM_LOG,
TG_DEPRECATED]
Description: "Average of XfDtShowAllSumWFSumWBodyMinWindowSize on request over the year. Calculated offline."
DependsOn: [{"Feature": ["XfDtShowAllSumWFSumWBodyMinWindowSize"], Slice: "web_production"}]
UseArtifact: {Name: "XfDtExpansions", IsIndirectDependency: true}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsafr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1458
CppName: "FI_RANDOM_LOG_QUERY_CLICKS_WEIGHTED_AVG_IS_MAIN_PAGE"
Name: "RandomLogQueryClicksWeightedAvgIsMainPage"
DependsOn: [{"Feature": ["RandomLogQueryClicksWeightedAvgIsMainPage"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Click-weighted average of IsMainPage by request for the year. Calculated offline."
DependsOn: [{"Feature": ["IsMainPage"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsafr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1459
CppName: "FI_RANDOM_LOG_QUERY_CLICKS_WEIGHTED_AVG_YABAR_URL_AVG_TIME"
Name: "RandomLogQueryClicksWeightedAvgYabarUrlAvgTime"
DependsOn: [{"Feature": ["RandomLogQueryClicksWeightedAvgYabarUrlAvgTime"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER, TG_RANDOM_LOG,
TG_DEPRECATED]
Description: "Click-weighted average of YabarUrlAvgTime by request over the year. Calculated offline."
DependsOn: [{"Feature": ["YabarUrlAvgTime"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsafr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
Index: 1460
CppName: "FI_RANDOM_LOG_QUERY_CLICKS_WEIGHTED_AVG_DIFFERENT_INTERNAL_LINKS"
Name: "RandomLogQueryClicksWeightedAvgDifferentInternalLinks"
DependsOn: [{"Feature": ["RandomLogQueryClicksWeightedAvgDifferentInternalLinks"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1247"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Click-weighted average of DifferentInternalLinks by request for the year. Calculated offline."
DependsOn: [{"Feature": ["DifferentInternalLinks"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["alsafr", "tsimkha", "ptanusha"]
Responsibles: ["ptanusha"]
}
Factor {
```

Index: 1461  
CppName: "FI\_RANDOM\_LOG\_QUERY\_DWELLTIME\_WEIGHTED\_AVG\_URL\_DOMAIN\_FRACTION"  
Name: "RandomLogQueryDwelltimeWeightedAvgUrlDomainFraction"  
DependsOn: [{"Feature": ["RandomLogQueryDwelltimeWeightedAvgUrlDomainFraction"], "Slice": "begemot\_query\_factors"}]  
Ticket: "FACTOR-1247"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_RANDOM\_LOG, TG\_DEPRECATED]  
Description: "Dwelltime-weighted average of the UrlDomainFraction on request for the year. Calculated offline."  
DependsOn: [{"Feature": ["UrlDomainFraction"], "Slice": "web\_production"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"  
Authors: ["alsافر", "tsimkha", "ptanusha"]  
Responsibles: ["ptanusha"]  
}  
Factor {  
Index: 1462  
CppName: "FI\_BM25F\_DPR\_FIXED\_NO\_LINKS"  
Name: "BM25FdPRFixedNoLinks"  
Group: "BM25F"  
Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_DYNAMIC, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "BM25FdPR normalized to average document length depending on document language. Only text hits are used."  
Wiki: "http://wiki.yandex-team.ru/BM25FRework"  
Authors: ["sankear", "gaiduk"]  
Responsibles: ["sankear", "gaiduk"]  
ImplementationTime: "2018-03-29"  
}  
Factor {  
Index: 1463  
CppName: "FI\_DOMAIN\_HAS\_METRIKA"  
Name: "DomainHasMetrika"  
Tags: [TG\_STATIC, TG\_OWNER, TG\_META, TG\_DATA\_FROM\_SAASKV]  
Description: "Does owner have metric or not"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HasMetrika"  
Ticket: "SEARCH-4047"  
Authors: ["olegator", "orantius"]  
Responsibles: ["olegator"]  
}  
Factor {  
Index: 1464  
CppName: "FI\_HAS\_SIDEBLOCK"  
Name: "HasSideblock"  
Tags: [TG\_DOC, TG\_STATIC, TG\_BINARY, TG\_OFTEN\_ZERO, TG\_META, TG\_DATA\_FROM\_SAASKV]  
Description: "The document has a turbo page for the mobile platform."  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HasSideblock"  
Ticket: "SNIPPETS-5177"  
Authors: ["swarmer"]  
Responsibles: ["tyamgin", "ashagarov", "sneg"]  
}  
Factor {  
Index: 1465  
CppName: "FI\_HISTORICAL\_ANNOTATION\_COUNT"  
Name: "HistoricalAnnotationCount"  
Tags: [TG\_STATIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Description: "Document annotations count in the whole history of the Search (DSSM AnnReg models helper)"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"  
Ticket: "FACTOR-968"  
Authors: ["olegator"]  
Responsibles: ["olegator", "avatar", "akhropov"]

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}
Factor {
Index: 1466
CppName: "FI_HISTORICAL_ANN_WORD_COUNT"
Name: "HistoricalAnnWordCount"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_L2, TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Document annotation words count in the whole history of the Search (DSSM AnnReg models helper)"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-968"
Authors: ["olegator"]
Responsibles: ["olegator", "avatar", "akhropov"]
}
Factor {
Index: 1467
CppName: "FI_HISTORICAL_ANN_REG_COUNT"
Name: "HistoricalAnnRegionCount"
Tags: [TG_STATIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_L2, TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Document annotation regions count in the whole history of the Search (DSSM AnnReg models helper)"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-968"
Authors: ["olegator"]
Responsibles: ["olegator", "avatar", "akhropov"]
}
Factor {
Index: 1468
CppName: "FI_REMOVED_1468"
Name: "Removed_1468"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1469
CppName: "FI_REMOVED_1469"
Name: "Removed_1469"
Tags: [TG_REMOVED]
}
Factor {
Index: 1470
CppName: "FI_NO_APPROX_SMALL_WINDOW_ATTENUATION"
Name: "NoApproxSmallWindowAttenuation"
Ticket: "FACTOR-28"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/SmallWindow"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Responsibles: ["sankear", "gaiduk"]
}
Factor {
Index: 1471
CppName: "FI_NO_APPROX_SMALL_WINDOW_ATTENUATION_Q"
Name: "NoApproxSmallWindowAttenuationQ"
Ticket: "FACTOR-441"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/obshayaformula/tekushhiekomponenty/SmallWindow"
Group: "Combined Abs"
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_NN_OVER_FEATURES_USE]
Authors: "alsaf"
Responsibles: ["sankear", "gaiduk"]
}
```

```
Factor {
Index: 1472
CppName: "FI_DSSM_MAIN_CONTENT_KEYWORDS"
Name: "DssmMainContentKeywords"
Tags: [TG_DYNAMIC, TG_DOC, TG_DOC_TEXT, TG_USER, TG_USER_SEARCH, TG_L2, TG_NEURAL,
TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_REMAPPED]
Description: "Query-MainContentKeywords similarity, target: logDwellTime"
DependsOn: [{"Feature": ["DssmLogDwelltimeBigramsL2",
"QfufFilteredByXfOneSeAllMaxFFieldSetUTBm15FLogW0K00001", "QfufFilteredByXfOneSeAllMaxFTitleBm15K01"}],
Slice: "web_production"}
UseArtifact: {"Name": "DssmMainContentKeywords"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-968"
Authors: ["olegator"]
Responsibles: ["olegator"]
}
Factor {
Index: 1473
CppName: "FI_YELLOWNESS_MAX"
Name: "YellownessMax"
Tags: [TG_STATIC, TG_OWNER, TG_TOLOKA, TG_META, TG_DATA_FROM_SAASKV, TG_DEPRECATED]
Description: "Maximum value of domain yellowness (based on Toloka)"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/Yellowness/"
Ticket: "FACTOR-1411"
Authors: ["h-pavel5", "olegator"]
Responsibles: ["olegator"]
CanonicalValue: 0.9
}
Factor {
Index: 1474
CppName: "FI_YELLOWNESS_MEAN"
Name: "YellownessMean"
Tags: [TG_STATIC, TG_OWNER, TG_TOLOKA, TG_META, TG_DATA_FROM_SAASKV, TG_DEPRECATED]
Description: "Mean value of domain yellowness (based on Toloka)"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/Yellowness/"
Ticket: "FACTOR-1411"
Authors: ["h-pavel5", "olegator"]
Responsibles: ["olegator"]
CanonicalValue: 0.9
}
Factor {
Index: 1475
CppName: "FI_YELLOWNESS_MEDIAN"
Name: "Yellowness Median"
Tags: [TG_STATIC, TG_OWNER, TG_TOLOKA, TG_META, TG_DATA_FROM_SAASKV, TG_DEPRECATED]
Description: "Median of domain yellowness (based on Toloka)"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/Yellowness/"
Ticket: "FACTOR-1411"
Authors: ["h-pavel5", "olegator"]
Responsibles: ["olegator"]
CanonicalValue: 0.9
}
Factor {
Index: 1476
CppName: "FI_YELLOWNESS_MIN"
Name: "YellownessMin"
Tags: [TG_STATIC, TG_OWNER, TG_TOLOKA, TG_META, TG_DATA_FROM_SAASKV, TG_DEPRECATED]
Description: "Minimum value of domain yellowness (based on Toloka)"
```

Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/Yellowness/"  
Ticket: "FACTOR-1411"  
Authors: ["h-pavel5", "olegator"]  
Responsibles: ["olegator"]  
CanonicalValue: 0.9  
}  
Factor {  
Index: 1477  
CppName: "FI\_DSSM\_BOOSTING\_XF\_WEIGHT\_QUERY\_SELF\_SIMILARITY"  
Name: "DssmBoostingXfWeightQuerySelfSimilarity"  
Tags: [TG\_DYNAMIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_QUERY\_ONLY, TG\_UNSUPPORTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Dssm Boosting query self similarity for XfWeight model."  
UseArtifact: {Name: "BoostingXfWeightDssmModel"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]  
}  
Factor {  
Index: 1478  
CppName: "FI\_DSSM\_BOOSTING\_XF\_WEIGHT\_KMEANS\_5\_AVG\_TOP\_02\_SCORE"  
Name: "DssmBoostingXfWeightKMeans5AvgTop02Score"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_L2, TG\_UNSUPPORTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Dssm Boosting AvgTop02Score aggregation for XfWeight model over 5-means centroids."  
UseArtifact: {Name: "BoostingXfWeightDssmModel"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]  
}  
Factor {  
Index: 1479  
CppName: "FI\_DSSM\_BOOSTING\_XF\_WEIGHT\_KMEANS\_5\_AVG\_TOP\_04\_SCORE"  
Name: "DssmBoostingXfWeightKMeans5AvgTop04Score"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_L2, TG\_UNSUPPORTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Dssm Boosting AvgTop04Score aggregation for XfWeight model over 5-means centroids."  
UseArtifact: {Name: "BoostingXfWeightDssmModel"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]  
}  
Factor {  
Index: 1480  
CppName: "FI\_DSSM\_BOOSTING\_XF\_WEIGHT\_KMEANS\_5\_AVG\_TOP\_02\_SCORE\_AVG\_CLUSTER\_TOP\_3\_WEIGHTED"  
Name: "DssmBoostingXfWeightKMeans5AvgTop02ScoreAvgClusterTop3Weighted"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Description: "Dssm Boosting AvgTop02ScoreAvgClusterTop3Weighted aggregation for XfWeight model over 5-means centroids."  
UseArtifact: {Name: "BoostingXfWeightDssmModel"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]



```

}
Factor {
Index: 1481
CppName: "FI_DSSM_BOOSTING_XF_WEIGHT_KMEANS_5_AVG_TOP_02_SCORE_QE"
Name: "DssmBoostingXfWeightKMeans5AvgTop02ScoreQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_UNSUPPORTED, TG_NN_OVER_FEATURES_USE]
Description: "Dssm Boosting AvgTop02Score aggregation for XfWeight model over 5-means centroids (query as
expansion)."
UseArtifact: {Name: "BoostingXfWeightDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1482
CppName:
"FI_DSSM_BOOSTING_XF_WEIGHT_KMEANS_5_AVG_TOP_02_SCORE_AVG_CLUSTER_TOP_3_WEIGHTED_QE"
Name: "DssmBoostingXfWeightKMeans5AvgTop02ScoreAvgClusterTop3WeightedQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting AvgTop02ScoreAvgClusterTop3Weighted aggregation for XfWeight model over 5-means
centroids (query as expansion)."
UseArtifact: {Name: "BoostingXfWeightDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1483
CppName: "FI_DSSM_BOOSTING_XF_ONE_QUERY_SELF_SIMILARITY"
Name: "DssmBoostingXfOneQuerySelfSimilarity"
Tags: [TG_DYNAMIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_QUERY_ONLY,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting query self similarity for XfOne model."
UseArtifact: {Name: "BoostingXfOneDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1484
CppName: "FI_DSSM_BOOSTING_XF_ONE_KMEANS_1_SCORE"
Name: "DssmBoostingXfOneKMeans1Score"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting Score aggregation for XfOne model over 1-means centroids."
UseArtifact: {Name: "BoostingXfOneDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1485

```

```
CppName: "FI_DSSM_BOOSTING_XF_ONE_KMEANS_1_SCALED_SUM_WEIGHT"
Name: "DssmBoostingXfOneKMeans1ScaledSumWeight"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting ScaledSumWeight aggregation for XfOne model over 1-means centroids."
UseArtifact: {Name: "BoostingXfOneDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1486
CppName: "FI_DSSM_BOOSTING_XF_ONE_KMEANS_1_SCORE_QE"
Name: "DssmBoostingXfOneKMeans1ScoreQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting Score aggregation for XfOne model over 1-means centroids (query as expansion)."
UseArtifact: {Name: "BoostingXfOneDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1487
CppName: "FI_DSSM_BOOSTING_XF_ONE_KMEANS_1_SCORE_AVG_NEAREST_1_WEIGHTED_QE"
Name: "DssmBoostingXfOneKMeans1ScoreAvgNearest1WeightedQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting ScoreAvgNearest1Weighted aggregation for XfOne model over 1-means centroids (query
as expansion)."
UseArtifact: {Name: "BoostingXfOneDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1488
CppName: "FI_DSSM_BOOSTING_XF_ONE_KMEANS_1_SCORE_AVG_NEAREST_5_WEIGHTED_QE"
Name: "DssmBoostingXfOneKMeans1ScoreAvgNearest5WeightedQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting ScoreAvgNearest5Weighted aggregation for XfOne model over 1-means centroids (query
as expansion)."
UseArtifact: {Name: "BoostingXfOneDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1489
CppName: "FI_DSSM_BOOSTING_XF_ONE_SE_KMEANS_1_SCORE"
Name: "DssmBoostingXfOneSeKMeans1Score"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
```

Description: "Dssm Boosting Score aggregation for XfOneSe model over 1-means centroids."  
UseArtifact: {Name: "BoostingXfOneSeDssmModel"}  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm>"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]  
}  
Factor {  
Index: 1490  
CppName: "FI\_DSSM\_BOOSTING\_XF\_ONE\_SE\_KMEANS\_1\_SCORE\_SCALED\_SUM\_WEIGHTED"  
Name: "DssmBoostingXfOneSeKMeans1ScoreScaledSumWeighted"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Description: "Dssm Boosting ScoreScaledSumWeighted aggregation for XfOneSe model over 1-means centroids."  
UseArtifact: {Name: "BoostingXfOneSeDssmModel"}  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm>"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]  
}  
Factor {  
Index: 1491  
CppName: "FI\_DSSM\_BOOSTING\_XF\_ONE\_SE\_KMEANS\_1\_SCORE\_AVG\_NEAREST\_5\_WEIGHTED"  
Name: "DssmBoostingXfOneSeKMeans1ScoreAvgNearest5Weighted"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED]  
Description: "Dssm Boosting ScoreAvgNearest5Weighted aggregation for XfOneSe model over 1-means centroids."  
UseArtifact: {Name: "BoostingXfOneSeDssmModel"}  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm>"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]  
}  
Factor {  
Index: 1492  
CppName: "FI\_DSSM\_BOOSTING\_CTR\_QUERY\_SELF\_SIMILARITY"  
Name: "DssmBoostingCtrQuerySelfSimilarity"  
Tags: [TG\_DYNAMIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_QUERY\_ONLY, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Description: "Dssm Boosting query self similarity for Ctr model."  
UseArtifact: {Name: "BoostingCtrDssmModel"}  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm>"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]  
}  
Factor {  
Index: 1493  
CppName: "FI\_DSSM\_BOOSTING\_CTR\_KMEANS\_1\_SCORE"  
Name: "DssmBoostingCtrKMeans1Score"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_L2, TG\_DEPRECATED, TG\_UNSUPPORTED]  
Description: "Dssm Boosting Score aggregation for Ctr model over 1-means centroids."  
UseArtifact: {Name: "BoostingCtrDssmModel"}  
Wiki: "<https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm>"  
Ticket: "FACTOR-1323"  
Authors: ["crossby", "tagrimar"]  
Responsibles: ["crossby", "mbusel", "tagrimar"]

```
}
Factor {
Index: 1494
CppName: "FI_DSSM_BOOSTING_CTR_KMEANS_1_SCORE_QE"
Name: "DssmBoostingCtrKMeans1ScoreQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting Score aggregation for Ctr model over 1-means centroids (query as expansion)."
UseArtifact: {Name: "BoostingCtrDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1495
CppName: "FI_DSSM_BOOSTING_CTR_KMEANS_1_SCORE_SCALED_SUM_WEIGHTED_QE"
Name: "DssmBoostingCtrKMeans1ScoreScaledSumWeightedQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting ScoreScaledSumWeighted aggregation for Ctr model over 1-means centroids (query as
expansion)."
UseArtifact: {Name: "BoostingCtrDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1496
CppName: "FI_DSSM_BOOSTING_CTR_KMEANS_1_SCORE_AVG_NEAREST_1_WEIGHTED_QE"
Name: "DssmBoostingCtrKMeans1ScoreAvgNearest1WeightedQE"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED, TG_L2,
TG_DEPRECATED, TG_UNSUPPORTED]
Description: "Dssm Boosting ScoreAvgNearest1Weighted aggregation for Ctr model over 1-means centroids (query as
expansion)."
UseArtifact: {Name: "BoostingCtrDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1323"
Authors: ["crossby", "tagrimar"]
Responsibles: ["crossby", "mbusel", "tagrimar"]
}
Factor {
Index: 1497
CppName: "FI_YELLOWNESS_DISPERSION"
Name: "YellownessDispersion"
Tags: [TG_STATIC, TG_OWNER, TG_TOLOKA, TG_META, TG_DEPRECATED]
Description: "Yellowness distribution dispersion of domain (based on Toloka)"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/Yellowness/"
Ticket: "FACTOR-1411"
Authors: ["h-pavel5", "olegator"]
Responsibles: ["olegator"]
}
Factor {
Index: 1498
CppName: "FI_VPCG_CORRECTED_CLICKS_SLP_PER_WORD_CM_MAX_PREDICTION_MIN"
Name: "VpcgCorrectedClicksSLPPerWordCMMMaxPredictionMin"
Group: "Annotation"
```

```
Ticket: "FACTOR-1304"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/VpcgCorrectedClicksSLP"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1832D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "Vpcg result for a long long period, data: CorrectedClicks. FullMatchPrediction factor"
Authors: ["avatar", "dskor"]
Responsibles: ["avatar", "tarum", "niknik"]
}
Factor {
Index: 1499
CppName: "FI_VPCG_CORRECTED_CLICKS_SLP_ALL_WCM_MATCH95_AVG_VALUE"
Name: "VpcgCorrectedClicksSLPAllWcmMatch95AvgValue"
Group: "Annotation"
Ticket: "FACTOR-1304"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/VpcgCorrectedClicksSLP"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1832D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "Vpcg result for a long long period, data: CorrectedClicks. Factor AllWcmMatch95AvgValue"
Authors: ["avatar", "dskor"]
Responsibles: ["avatar", "tarum", "niknik"]
}
Factor {
Index: 1500
CppName: "FI_VPCG_CORRECTED_CLICKS_SLP_CM_MATCH_TOP5_AVG_VALUE"
Name: "VpcgCorrectedClicksSLPCMMatchTop5AvgValue"
Group: "Annotation"
Ticket: "FACTOR-1304"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/VpcgCorrectedClicksSLP"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1832D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "Vpcg result for a long long period, data: CorrectedClicks. Factor CMMatchTop5AvgValue"
Authors: ["avatar", "dskor"]
Responsibles: ["avatar", "tarum", "niknik"]
}
Factor {
Index: 1501
CppName: "FI_VPCG_CORRECTED_CLICKS_SLP_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "VpcgCorrectedClicksSLPAnnotationMaxValueWeighted"
Group: "Annotation"
Ticket: "FACTOR-1304"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/VpcgCorrectedClicksSLP"
Tags: [TG_DOC, TG_DYNAMIC, TG_LOCALIZED_COUNTRY, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY,
TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_1832D, TG_NN_OVER_FEATURES_USE,
TG_USERFEAT_CLICK_MACHINE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "Vpcg result for a long long period, data: CorrectedClicks. AnnotationMaxValueWeighted factor"
Authors: ["avatar", "dskor"]
Responsibles: ["avatar", "tarum", "niknik"]
}
Factor {
Index: 1502
CppName: "FI_VPCG_CORRECTED_CLICKS_SLP_MIX_MATCH_WEIGHTED_VALUE"
```

Name: "VpcgCorrectedClicksSLPMixMatchWeightedValue"  
Group: "Annotation"  
Ticket: "FACTOR-1304"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/VpcgCorrectedClicksSLP"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1832D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Description: "Vpcg result for a long long period, data: CorrectedClicks. MixMatchWeightedValue factor"  
Authors: ["avatar", "dskor"]  
Responsibles: ["avatar", "tarum", "niknik"]  
}  
Factor {  
Index: 1503  
CppName: "FI\_VPCG\_CORRECTED\_CLICKS\_SLP\_CM\_MATCH\_TOP5\_AVG\_PREDICTION"  
Name: "VpcgCorrectedClicksSLPCMMatchTop5AvgPrediction"  
Group: "Annotation"  
Ticket: "FACTOR-1304"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/VpcgCorrectedClicksSLP"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_LOCALIZED\_COUNTRY, TG\_USER, TG\_USER\_SEARCH, TG\_USER\_SEARCH\_ONLY, TG\_ANNOTATION\_NOFILTER, TG\_TEXT\_MACHINE, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_USERFEAT, TG\_USERFEAT\_1832D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_CLICK\_MACHINE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Description: "Vpcg result for a long long period, data: CorrectedClicks. Factor CMMatchTop5AvgPrediction"  
Authors: ["avatar", "dskor"]  
Responsibles: ["avatar", "tarum", "niknik"]  
}  
Factor {  
Index: 1504  
CppName: "FI\_DSSM\_CTR\_NO\_MINER"  
Name: "DssmCtrNoMiner"  
Ticket: "FACTOR-1447"  
Tags: [TG\_DEPRECATED, TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_NN\_OVER\_FEATURES\_USE, TG\_RTMODELS\_SERVICE]  
Description: "DSSM model trained on CTRs without miner."  
UseArtifact: {Name: "DssmCtrNoMiner"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"  
Authors: ["bobrosoft"]  
Responsibles: ["bobrosoft", "olegator"]  
}  
Factor {  
Index: 1505  
CppName: "FI\_DSSM\_PAGE\_QUALITY\_RTHUB"  
Name: "DssmPageQualityRTHub"  
Ticket: "SEARCHSPEC-220"  
Authors: ["hommforever", "nenashevna"]  
Responsibles: ["hommforever", "nenashevna"]  
Description: "Dssm prediction (url + title) trained on the page\_quality signal and injected into RTHub, first slot."  
MinValue: -2.0  
MaxValue: 2.0  
Tags: [TG\_L2, TG\_NEURAL, TG\_URL\_TEXT, TG\_STATIC, TG\_DOC, TG\_UNUSED, TG\_NOT\_01]  
}  
Factor {  
Index: 1506  
CppName: "FI\_DSSM\_PAGE\_QUALITY\_RTHUB\_SLOT2"  
Name: "DssmPageQualityRTHubSlot2"  
Ticket: "SEARCHSPEC-235"  
Authors: ["hommforever", "nenashevna", "pevgova"]

Responsibles: ["hommforever", "nenashevna", "pevgova"]  
Description: "Dssm prediction (url + title) trained on the page\_quality signal and injected into RTHub, second slot."  
MinValue: 0.0  
MaxValue: 1.0  
Tags: [TG\_L2, TG\_NEURAL, TG\_URL\_TEXT, TG\_STATIC, TG\_DOC]  
}  
Factor {  
Index: 1507  
CppName: "FI\_DSSM\_QUERY\_EMBEDDING\_CTR\_NO\_MINER\_PCA\_0"  
Name: "DssmQueryEmbeddingCtrNoMinerPca0"  
DependsOn: [{"Feature": ["DssmQueryEmbeddingCtrNoMinerPca0"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Ticket: "FACTOR-1440"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/dssmpca/"  
Tags: [TG\_QUERY\_ONLY, TG\_L2, TG\_NEURAL, TG\_USER, TG\_USER\_SEARCH, TG\_DEPRECATED]  
Description: "The main components of request embedding from the DssmCtrNoMiner model"  
UseArtifact: {"Name": "DssmPcaCtrNoMiner"}  
Authors: ["dskor"]  
Responsibles: ["dskor"]  
}  
Factor {  
Index: 1508  
CppName: "FI\_DSSM\_QUERY\_EMBEDDING\_CTR\_NO\_MINER\_PCA\_1"  
Name: "DssmQueryEmbeddingCtrNoMinerPca1"  
DependsOn: [{"Feature": ["DssmQueryEmbeddingCtrNoMinerPca1"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Ticket: "FACTOR-1440"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/dssmpca/"  
Tags: [TG\_QUERY\_ONLY, TG\_L2, TG\_NEURAL, TG\_USER, TG\_USER\_SEARCH, TG\_DEPRECATED]  
Description: "The main components of request embedding from the DssmCtrNoMiner model"  
UseArtifact: {"Name": "DssmPcaCtrNoMiner"}  
Authors: ["dskor"]  
Responsibles: ["dskor"]  
}  
Factor {  
Index: 1509  
CppName: "FI\_DSSM\_QUERY\_EMBEDDING\_CTR\_NO\_MINER\_PCA\_2"  
Name: "DssmQueryEmbeddingCtrNoMinerPca2"  
DependsOn: [{"Feature": ["DssmQueryEmbeddingCtrNoMinerPca2"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Ticket: "FACTOR-1440"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/dssmpca/"  
Tags: [TG\_QUERY\_ONLY, TG\_L2, TG\_NEURAL, TG\_USER, TG\_USER\_SEARCH, TG\_DEPRECATED]  
Description: "The main components of request embedding from the DssmCtrNoMiner model"  
UseArtifact: {"Name": "DssmPcaCtrNoMiner"}  
Authors: ["dskor"]  
Responsibles: ["dskor"]  
}  
Factor {  
Index: 1510  
CppName: "FI\_DSSM\_QUERY\_EMBEDDING\_CTR\_NO\_MINER\_PCA\_3"  
Name: "DssmQueryEmbeddingCtrNoMinerPca3"  
DependsOn: [{"Feature": ["DssmQueryEmbeddingCtrNoMinerPca3"], "Slice": "begemot\_query\_factors"}]  
Group: "Query"  
Ticket: "FACTOR-1440"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/dssmpca/"  
Tags: [TG\_QUERY\_ONLY, TG\_L2, TG\_NEURAL, TG\_USER, TG\_USER\_SEARCH, TG\_DEPRECATED]  
Description: "The main components of request embedding from the DssmCtrNoMiner model"

```
UseArtifact: {Name: "DssmPcaCtrNoMiner"}
Authors: ["dskor"]
Responsibles: ["dskor"]
}
Factor {
Index: 1511
CppName: "FI_DSSM_QUERY_EMBEDDING_CTR_NO_MINER_PCA_4"
Name: "DssmQueryEmbeddingCtrNoMinerPca4"
DependsOn: [{Feature: ["DssmQueryEmbeddingCtrNoMinerPca4"], Slice: "begemot_query_factors"}]
Group: "Query"
Ticket: "FACTOR-1440"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/dssmpca/"
Tags: [TG_QUERY_ONLY, TG_L2, TG_NEURAL, TG_USER, TG_USER_SEARCH, TG_DEPRECATED]
Description: "The main components of request embedding from the DssmCtrNoMiner model"
UseArtifact: {Name: "DssmPcaCtrNoMiner"}
Authors: ["dskor"]
Responsibles: ["dskor"]
}
Factor {
Index: 1512
CppName: "FI_DSSM_QUERY_EMBEDDING_CTR_NO_MINER_PCA_5"
Name: "DssmQueryEmbeddingCtrNoMinerPca5"
DependsOn: [{Feature: ["DssmQueryEmbeddingCtrNoMinerPca5"], Slice: "begemot_query_factors"}]
Group: "Query"
Ticket: "FACTOR-1440"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/dssmpca/"
Tags: [TG_QUERY_ONLY, TG_L2, TG_NEURAL, TG_USER, TG_USER_SEARCH, TG_DEPRECATED]
Description: "The main components of request embedding from the DssmCtrNoMiner model"
UseArtifact: {Name: "DssmPcaCtrNoMiner"}
Authors: ["dskor"]
Responsibles: ["dskor"]
}
Factor {
Index: 1513
CppName: "FI_DSSM_QUERY_URL_TITLE_REG_CHAIN_CLICKS_ODD"
Name: "DssmQueryUrlTitleRegChainClicksOdd"
Tags: [TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_DYNAMIC,
TG_UNIMPLEMENTED]
Description: "DSSM model trained on click odd pool"
UseArtifact: {Name: "DssmQueryUrlTitleRegChainClicksOdd"}
Ticket: "SEARCHPERS-320"
Authors: ["sergmiller", "sankear"]
Responsibles: ["sergmiller", "sankear"]
}
Factor {
Index: 1514
CppName: "FI_DSSM_QUERY_URL_TITLE_REG_CHAIN_CLICKS_PERS"
Name: "DssmQueryUrlTitleRegChainClicksPers"
Tags: [TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_DYNAMIC,
TG_UNIMPLEMENTED]
Description: "DSSM model trained on click personalization pool"
UseArtifact: {Name: "DssmQueryUrlTitleRegChainClicksPers"}
Ticket: "SEARCHPERS-320"
Authors: ["sergmiller", "sankear"]
Responsibles: ["sergmiller", "sankear"]
}
Factor {
Index: 1515
```



CppName: "FI\_DSSM\_QUERY\_URL\_TITLE\_REG\_CHAIN\_CLICKS\_TR\_FULL"  
Name: "DssmQueryUrlTitleRegChainClicksTrFull"  
Tags: [TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_DYNAMIC, TG\_UNIMPLEMENTED]  
Description: "DSSM model trained on click triangle pool"  
UseArtifact: {Name: "DssmQueryUrlTitleRegChainClicksTrFull"}  
Ticket: "SEARCHPERS-320"  
Authors: ["sergmiller", "sankear"]  
Responsibles: ["sergmiller", "sankear"]  
}  
Factor {  
Index: 1516  
CppName:  
"FI\_REQUEST\_WITH\_REGION\_NAME\_LINKANN\_FLOAT\_MULTIPLICITY\_CMMATCH\_TOP5\_AVG\_MATCH\_VALUE"  
Name: "RequestWithRegionNameLinkAnnFloatMultiplicityCMMatchTop5AvgMatchValue"  
Ticket: "SEARCH-2698"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/LinkAnn/"  
Tags: [TG\_LINK\_TEXT, TG\_DYNAMIC, TG\_TEXT\_MACHINE, TG\_LINGBOOST, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor:  
CMMatchTop5AvgMatchValue by LinkAnn index FloatMultiplicity stream"  
Authors: ["tarstars"]  
Responsibles: ["tarstars"]  
ImplementationTime: "2018-09-14"  
}  
Factor {  
Index: 1517  
CppName: "FI\_REMOVED\_1517"  
Name: "Removed\_1517"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}  
Factor {  
Index: 1518  
CppName: "FI\_LINKANN\_FLOAT\_MULTIPLICITY\_PER\_WORD\_AMMAX\_VALUE\_MIN"  
Name: "LinkAnnLinkAnnFloatMultiplicityPerWordAMMaxValueMin"  
Ticket: "SEARCH-2698"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/LinkAnn/"  
Tags: [TG\_LINK\_TEXT, TG\_DYNAMIC, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Linguistic boosting factor. Factor: PerWordAMMaxValueMin by FloatMultiplicity stream of LinkAnn  
index"  
Authors: ["tarstars"]  
Responsibles: ["tarstars"]  
ImplementationTime: "2018-09-14"  
}  
Factor {  
Index: 1519  
CppName: "FI\_LINKANN\_FLOAT\_MULTIPLICITY\_ATTENV1\_BM15\_K001"  
Name: "LinkAnnFloatMultiplicityAttenV1Bm15K001"  
Ticket: "SEARCH-2698"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/LinkAnn/"  
Tags: [TG\_LINK\_TEXT, TG\_DYNAMIC, TG\_TEXT\_MACHINE, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Linguistic boosting factor. Factor: AttenV1Bm15K001 by FloatMultiplicity stream of LinkAnn index"  
Authors: ["tarstars"]  
Responsibles: ["tarstars"]  
ImplementationTime: "2018-09-14"  
}  
Factor {  
Index: 1520  
CppName: "FI\_LINKANN\_LINK\_EXTERNAL\_BOCM11\_NORM256"

```
Name: "LinkAnnLinkExternalBocm11Norm256"
Ticket: "SEARCH-2698"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/LinkAnn/"
Tags: [TG_LINK_TEXT, TG_DYNAMIC, TG_TEXT_MACHINE, TG_NN_OVER_FEATURES_USE]
Description: "Linguistic boosting factor. Factor: Bocm11Norm256 by IsExternal stream of LinkAnn index"
Authors: ["tarstars"]
Responsibles: ["tarstars"]
ImplementationTime: "2018-09-14"
}
Factor {
Index: 1521
CppName: "FI_REMOVED_1521"
Name: "Removed_1521"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1522
CppName: "FI_REQUEST_WITH_REGION_NAME_LINKANN_FLOAT_MULTIPLICITY_ANNOTATION_MAX_VALUE"
Name: "RequestWithRegionNameLinkAnnFloatMultiplicityAnnotationMaxValue"
Ticket: "SEARCH-2698"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/LinkAnn/"
Tags: [TG_LINK_TEXT, TG_DYNAMIC, TG_TEXT_MACHINE, TG_LINGBOOST, TG_NN_OVER_FEATURES_USE]
Description: "Linguistic boosting factor. Extension type: RequestWithRegionName. Factor: AnnotationMaxValue by LinkAnn index FloatMultiplicity stream"
Authors: ["tarstars"]
Responsibles: ["tarstars"]
ImplementationTime: "2018-09-14"
}
Factor {
Index: 1523
CppName: "FI_DSSM_LOG_DT_BIGRAMS_AM_HARD_QUERIES_NO_CLICKS"
Name: "DssmLogDtBigramsAMHardQueriesNoClicks"
Ticket: "FACTOR-1502"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_UNSUPPORTED, TG_DEPRECATED]
Description: "DSSM model trained on clicks without miner (with no-clicks and AM-hard negatives). Takes bigrams into account."
UseArtifact: {Name: "DssmLogDtBigramsAMHardQueriesNoClicks"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"
Authors: ["bobrosoft", "agusakov"]
Responsibles: ["bobrosoft"]
}
Factor {
Index: 1524
CppName: "FI_RANDOMLOGHOST_HAS_PAYMENTS_AVG"
Name: "RandomLogHostHasPaymentsAvg"
Ticket: "FACTOR-1374"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of HasPayments web factor using random log"
DependsOn: [{Feature: ["HasPayments"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1525
CppName: "FI_RANDOMLOGHOST_IS_VIDEO_QUERY_AVG"
```

Name: "RandomLogHostIsVideoQueryAvg"  
Ticket: "FACTOR-1374"  
Tags: [TG\_DEPRECATED, TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_UNDOCUMENTED, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "AVG aggregation of VideoQuery web factor using random log"  
DependsOn: [{"Feature": ["VideoQuery"], "Slice": "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1526  
CppName: "FI\_RANDOMLOGHOST\_SYNT\_QUALITY\_AVG"  
Name: "RandomLogHostSyntQualityAvg"  
Ticket: "FACTOR-1374"  
Tags: [TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_UNDOCUMENTED, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "AVG aggregation of SyntQuality web factor using random log"  
DependsOn: [{"Feature": ["SyntQuality"], "Slice": "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1527  
CppName: "FI\_RANDOMLOGHOST\_REGIONAL\_V\_QUERY\_NEW\_PERCENTALE\_90"  
Name: "RandomLogHostGeoRegionalityVNewPerc90"  
Ticket: "FACTOR-1374"  
Tags: [TG\_DEPRECATED, TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_UNDOCUMENTED, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "PERCENTALE\_90 aggregation of GeoRegionalityVNew web factor using random log"  
DependsOn: [{"Feature": ["GeoRegionalityVNew"], "Slice": "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1528  
CppName: "FI\_RANDOMLOGHOST\_QCLASS\_DOWNLOAD\_AVG"  
Name: "RandomLogHostQClassDownloadAvg"  
Ticket: "FACTOR-1374"  
Tags: [TG\_DEPRECATED, TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_UNDOCUMENTED, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "AVG aggregation of QClassDownload web factor using random log"  
DependsOn: [{"Feature": ["QClassDownload"], "Slice": "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1529  
CppName: "FI\_RANDOMLOGHOST\_QUERY\_ISMUSIC\_AVG"  
Name: "RandomLogHostIsMusicAvg"  
Ticket: "FACTOR-1374"  
Tags: [TG\_DEPRECATED, TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_UNDOCUMENTED, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "AVG aggregation of IsMusic web factor using random log"

```
DependsOn: [{"Feature": ["IsMusic"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1530
CppName: "FI_RANDOMLOGHOST_QUERY_TH3561_PERCENTALE_25"
Name: "RandomLogHostQueryThEncyclopedicPerc25"
Ticket: "FACTOR-1374"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_25 aggregation of QueryThEncyclopedic web factor using random log"
DependsOn: [{"Feature": ["QueryThEncyclopedic"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1531
CppName: "FI_RANDOMLOGHOST_COMMERCIAL_OWNER_RANK_REG_AVG"
Name: "RandomLogHostCommercialOwnerRankRegAvg"
Ticket: "FACTOR-1374"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED, TG_RANDOM_LOG,
TG_DEPRECATED, TG_FROZEN, TG_UNSUPPORTED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of CommercialOwnerRank_Reg web factor using random log"
DependsOn: [{"Feature": ["CommercialOwnerRank_Reg"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "akhropov"]
}
Factor {
Index: 1532
CppName: "FI_RANDOMLOGHOST_YABAR_WORD_DNGI_PERCENTALE_25"
Name: "RandomLogHostYabarWordDNGIPerc25"
Ticket: "FACTOR-1374"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_25 aggregation of YabarWordDepthNodesGradientMin web factor using random log"
DependsOn: [{"Feature": ["YabarWordDepthNodesGradientMin"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1533
CppName: "FI_RANDOMLOGHOST_PSE_FRC_BROWSER_AVG"
Name: "RandomLogHostPopularSEFRCBrowserAvg"
Ticket: "FACTOR-1374"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of PopularSEFRCBrowser web factor using random log"
DependsOn: [{"Feature": ["PopularSEFRCBrowser"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1534
```

```
CppName: "FI_RANDOMLOGHOST_URL_CLICKS_MAX_GEO_REGION_FRC_RATIO_AVG"
Name: "RandomLogHostURLClicksMaxGeoRegionFRCRatioAvg"
Ticket: "FACTOR-1374"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of URLClicksMaxGeoRegionFRCRatio web factor using random log"
DependsOn: [{Feature: ["URLClicksMaxGeoRegionFRCRatio"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1535
CppName:
"FI_RANDOMLOGHOST_UB_LONG_PERIOD_URL_DIRECT_H_CHILDREN_90_CNT_FROM_EXT_HOST_PERCENTALE_90"
Name: "RandomLogHostUBLongPeriodDirectHChildren90CntPerc90"
Ticket: "FACTOR-1374"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of UBLongPeriodDirectHChildren90CntFromExtHost web factor using
random log"
DependsOn: [{Feature: ["UBLongPeriodDirectHChildren90CntFromExtHost"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1536
CppName: "FI_RANDOMLOGHOST_UB_LONG_PERIOD_URL_DT_URL_H_CHILDREN_CUT_600_REG_PERCENTALE_90"
Name: "RandomLogHostUBLongPeriodDtUrlHChildrenPerc90"
Ticket: "FACTOR-1374"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of UBLongPeriodDtUrlHChildrenCut600Reg web factor using random log"
DependsOn: [{Feature: ["UBLongPeriodDtUrlHChildrenCut600Reg"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1537
CppName: "FI_RANDOMLOGHOST_QUERY_ISPICTURE_AVG"
Name: "RandomLogHostIsPictureAvg"
Ticket: "FACTOR-1374"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_UNDOCUMENTED,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of IsPicture web factor using random log"
DependsOn: [{Feature: ["IsPicture"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
}
Factor {
Index: 1538
CppName: "FI_RANDOMLOGHOST_ERRATUM_LOG_QUERY_PROBABILITY_AVG"
Name: "RandomLogHostErratumLogQueryProbabilityAvg"
Ticket: "FACTOR-1374"
```

Tags: [TG\_DEPRECATED, TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_UNDOCUMENTED, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "AVG aggregation of ErratumLogQueryProbability web factor using random log"  
DependsOn: [{Feature: ["ErratumLogQueryProbability"], Slice: "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
}  
Factor {  
Index: 1539  
CppName: "FI\_REMOVED\_1539"  
Name: "Removed\_1539"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}  
Factor {  
Index: 1540  
CppName: "FI\_REMOVED\_1540"  
Name: "Removed\_1540"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}  
Factor {  
Index: 1541  
CppName: "FI\_REMOVED\_1541"  
Name: "Removed\_1541"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}  
Factor {  
Index: 1542  
CppName: "FI\_DSSM\_QUERY\_COUNTRY\_TO\_URL\_ESTIMATED\_DISTANCE"  
Name: "DssmQueryCountryToUrlEstimatedDistance"  
DependsOn: [{Feature: ["DssmQueryCountryToUrlEstimatedDistance"], Slice: "begemot\_query\_factors"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/ClicksCountryLocalityStatsDssm/"  
Ticket: "BUKI-2544"  
Tags: [TG\_DYNAMIC, TG\_L2, TG\_LOCALIZED\_COUNTRY, TG\_NEURAL, TG\_QUERY\_ONLY, TG\_USER, TG\_USER\_SEARCH, TG\_UNSUPPORTED, TG\_UNDOCUMENTED, TG\_DEPRECATED]  
Description: "Click length predicted by query and country using dssm model from given country."  
UseArtifact: {Name: "DssmClicksCountryLocalityStats"}  
Authors: ["volverine", "mbusel"]  
Responsibles: ["volverine", "mbusel"]  
}  
Factor {  
Index: 1543  
CppName: "FI\_DSSM\_RANDOM\_LOG\_QUERY\_AVG\_NEWS"  
Name: "DssmRandomLogQueryAvgNews"  
DependsOn: [{Feature: ["DssmRandomLogQueryAvgNews"], Slice: "begemot\_query\_factors"}]  
Ticket: "FACTOR-1454"  
Tags: [TG\_NEURAL, TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_365D, TG\_DEPRECATED]  
Description: "Neural network predicted average of News by query over the year."  
UseArtifact: {Name: "DssmRandomLog"}  
DependsOn: [{Feature: ["News"], Slice: "web\_production"}]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"  
Authors: ["ptanusha"]  
Responsibles: ["ptanusha", "mbusel"]  
}  
Factor {  
Index: 1544

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CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_ADD_TIME"
Name: "DssmRandomLogQueryAvgAddTime"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgAddTime"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_DATE,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average AddTime per query over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["AddTime"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1545
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_TEXT_HI_RELEV_SYN"
Name: "DssmRandomLogQueryAvgTxtHiRelSy"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgTxtHiRelSy"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average TxtHiRelSy on request for a year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["TxtHiRelSy"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1546
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_TEXT_LIKE"
Name: "DssmRandomLogQueryAvgTextLike"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgTextLike"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average of TextLike by query over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["TextLike"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1547
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_HAS_NO_ALL_WORDS_TR_SYN"
Name: "DssmRandomLogQueryAvgHasNoAllWordsTRSy"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgHasNoAllWordsTRSy"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted HasNoAllWordsTRSy query average for the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["HasNoAllWordsTRSy"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
```

```
Factor {
Index: 1548
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_IS_FORUM"
Name: "DssmRandomLogQueryAvgIsForum"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgIsForum"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural predicted average of IsForum by query over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["IsForum"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1549
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_HAS_PAYMENTS"
Name: "DssmRandomLogQueryAvgHasPayments"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgHasPayments"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural predicted average of HasPayments per request per year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["HasPayments"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1550
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_YABAR_HOST_AVG_TIME2"
Name: "DssmRandomLogQueryAvgYabarHostAvgTime2"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgYabarHostAvgTime2"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average YabarHostAvgTime2 by request over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["YabarHostAvgTime2"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1551
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_YABAR_URL_VISITORS"
Name: "DssmRandomLogQueryAvgYabarUrlVisitors"
DependsOn: [{Feature: ["DssmRandomLogQueryAvgYabarUrlVisitors"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural predicted average of YabarUrlVisitors by query over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["YabarUrlVisitors"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
}
```



```
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1552
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_QUERY_DOWNER_ONLY_CLICK_RATE"
Name: "DssmRandomLogQueryAvgQueryDownerOnlyClickRate"
DependsOn: [{"Feature": "DssmRandomLogQueryAvgQueryDownerOnlyClickRate"}, {"Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_USER_EXT_DATA, TG_USER_SEARCH_EXTERNAL, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average QueryDownerOnlyClickRate per query per year."
UseArtifact: {"Name": "DssmRandomLog"}
DependsOn: [{"Feature": "QueryDownerOnlyClickRate"}, {"Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1553
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_DATER_AGE"
Name: "DssmRandomLogQueryAvgDaterAge"
DependsOn: [{"Feature": "DssmRandomLogQueryAvgDaterAge"}, {"Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted Average DaterAge per query per year."
UseArtifact: {"Name": "DssmRandomLog"}
DependsOn: [{"Feature": "DaterAge"}, {"Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1554
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_LONGEST_TEXT"
Name: "DssmRandomLogQueryAvgLongestText"
DependsOn: [{"Feature": "DssmRandomLogQueryAvgLongestText"}, {"Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average of LongestText by query over the year."
UseArtifact: {"Name": "DssmRandomLog"}
DependsOn: [{"Feature": "LongestText"}, {"Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1555
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_DIFFERENT_INTERNAL_LINKS"
Name: "DssmRandomLogQueryAvgDifferentInternalLinks"
DependsOn: [{"Feature": "DssmRandomLogQueryAvgDifferentInternalLinks"}, {"Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Neural network predicted average of DifferentInternalLinks by query over the year."
UseArtifact: {"Name": "DssmRandomLog"}
DependsOn: [{"Feature": "DifferentInternalLinks"}, {"Slice": "web_production"}]
```

```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1556
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_QUERY_DOWNER_ONLY_CLICK_RATE_REG"
Name: "DssmRandomLogQueryAvgQueryDownerOnlyClickRate_Reg"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgQueryDownerOnlyClickRate_Reg"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_USER_EXT_DATA, TG_USER_SEARCH_EXTERNAL, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average of QueryDownerOnlyClickRate_Reg by query over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["QueryDownerOnlyClickRate_Reg"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1557
CppName: "FI_REMOVED_1557"
Name: "Removed_1557"
Tags: [TG_REMOVED, TG_REUSABLE]
}
# TODO FACTORDEL-97 and SEARCH-9666. Mark as TG_REUSABLE after removing old DynamicL1TopSize formula
Factor {
Index: 1558
CppName: "FI_REMOVED_1558"
Name: "Removed_1558"
Tags: [TG_REMOVED]
}
Factor {
Index: 1559
CppName: "FI_ALICE_MUSIC_URL_TYPE_IS_TRACK"
Name: "AliceMusicUrlTypeIsTrack"
Tags: [TG_UNUSED, TG_DOC, TG_ALICE_MUSIC, TG_URL_TEXT, TG_BINARY, TG_REARR_USE, TG_UNDOCUMENTED, TG_OFTEN_ZERO, TG_USED_IN_CONF_REARR, TG_ALLOW_USE_FOR_ALICE]
Description: "Canonized url type Yandex music - track"
Ticket: "BUKI-3050"
Authors: ["vl-trifonov"]
Responsibles: ["vl-trifonov"]
ImplementationTime: "2021-09-17"
}
Factor {
Index: 1560
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_BOCM"
Name: "DssmRandomLogQueryAvgBocm"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgBocm"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average Bocm per query for a year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["Bocm"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
```

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Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1561
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_IS_INDEX_PAGE"
Name: "DssmRandomLogQueryAvgIsIndexPage"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgIsIndexPage"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average of IsIndexPage by query over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["IsIndexPage"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1562
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_QUERIES_AVG_CM2"
Name: "DssmRandomLogQueryAvgQueriesAvgCM2"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgQueriesAvgCM2"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_COMMERCIAL, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average of QueriesAvgCM2 per request for a year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["QueriesAvgCM2"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1563
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_BROWSER_HOST_DOWNLOAD_PROBABILITY"
Name: "DssmRandomLogQueryAvgBrowserHostDownloadProbability"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgBrowserHostDownloadProbability"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Neural network predicted average BrowserHostDownloadProbability per request per year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["BrowserHostDownloadProbability"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1564
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_REG_BROWSER_USER_HUB"
Name: "DssmRandomLogQueryAvgRegBrowserUserHub"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgRegBrowserUserHub"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER, TG_USER_EXT_DATA, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average of RegBrowserUserHub by query over the year."
UseArtifact: {Name: "DssmRandomLog"}
```

```
DependsOn: [{"Feature": ["RegBrowserUserHub"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1565
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_AUX_TITLE_BM25"
Name: "DssmRandomLogQueryAvgAuxTitleBM25"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgAuxTitleBM25"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted average AuxTitleBM25 on request for a year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["AuxTitleBM25"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1566
CppName: "FI_DSSM_RANDOM_LOG_QUERY_AVG_QUERY_URL_CORRECTED_CTR_XFACTOR"
Name: "DssmRandomLogQueryAvgQueryUrlCorrectedCtrXfactor"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgQueryUrlCorrectedCtrXfactor"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_COLLABORATED, TG_RANDOM_LOG, TG_DEPRECATED, TG_REMOVED]
Description: "Neural network predicted average of QueryUrlCorrectedCtrXfactor by query over the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["QueryUrlCorrectedCtrXfactor"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1567
CppName:
"FI_DSSM_RANDOM_LOG_QUERY_AVG_QUERY_TO_DOC_ALL_SUM_F_COUNT_TEXT_BM11_NORM16384"
Name: "DssmRandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384"
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Neural network predicted average of QueryToDocAllSumFCountTextBm11Norm16384 by query for the
year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["REMOVED_1018"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1568
CppName:
"FI_DSSM_RANDOM_LOG_QUERY_AVG_XF_DT_SHOW_ALL_SUM_WF_SUM_W_BODY_MIN_WINDOW_SIZE"
Name: "DssmRandomLogQueryAvgXfDtShowAllSumWfSumWBodyMinWindowSize"
```

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DependsOn: [{Feature: ["DssmRandomLogQueryAvgXfDtShowAllSumWFSumWBodyMinWindowSize"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions", IsIndirectDependency: true}
Description: "Neural network predicted average of XfDtShowAllSumWFSumWBodyMinWindowSize per request per
year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["XfDtShowAllSumWFSumWBodyMinWindowSize"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1569
CppName: "FI_DSSM_RANDOM_LOG_QUERY_CLICKS_WEIGHTED_AVG_IS_MAIN_PAGE"
Name: "DssmRandomLogQueryClicksWeightedAvgIsMainPage"
DependsOn: [{Feature: ["DssmRandomLogQueryClicksWeightedAvgIsMainPage"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted click-weighted average of IsMainPage by query for the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["IsMainPage"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1570
CppName: "FI_DSSM_RANDOM_LOG_QUERY_CLICKS_WEIGHTED_AVG_YABAR_URL_AVG_TIME"
Name: "DssmRandomLogQueryClicksWeightedAvgYabarUrlAvgTime"
DependsOn: [{Feature: ["DssmRandomLogQueryClicksWeightedAvgYabarUrlAvgTime"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_BROWSER,
TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted click-weighted average of YabarUrlAvgTime by request for the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["YabarUrlAvgTime"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1571
CppName: "FI_DSSM_RANDOM_LOG_QUERY_CLICKS_WEIGHTED_AVG_DIFFERENT_INTERNAL_LINKS"
Name: "DssmRandomLogQueryClicksWeightedAvgDifferentInternalLinks"
DependsOn: [{Feature: ["DssmRandomLogQueryClicksWeightedAvgDifferentInternalLinks"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_DEPRECATED]
Description: "Neural network predicted click-weighted average of DifferentInternalLinks by query for the year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{Feature: ["DifferentInternalLinks"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
```

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Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1572
CppName: "FI_DSSM_RANDOM_LOG_QUERY_DWELLTIME_WEIGHTED_AVG_URL_DOMAIN_FRACTION"
Name: "DssmRandomLogQueryDwelltimeWeightedAvgUrlDomainFraction"
DependsOn: [{"Feature": ["DssmRandomLogQueryDwelltimeWeightedAvgUrlDomainFraction"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1454"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Neural network predicted dwelltime-weighted average UrlDomainFraction for query per year."
UseArtifact: {Name: "DssmRandomLog"}
DependsOn: [{"Feature": ["UrlDomainFraction"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha", "mbusel"]
}
Factor {
Index: 1573
CppName: "XF_DT_SHOW_KNN_ALL_MAX_WF_FIELD_SET3_BCLM_WEIGHTED_F_LOG_W0_K0_001"
Name: "XfDtShowKnnAllMaxWFFieldSet3BclmWeightedFLogW0K0001"
Ticket: "THES-223"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
UseArtifact: {Name: "KnnExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: BclmWeightedFLogW0 by stream group
3. The maximum weighted value of the factor."
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
}
Factor {
Index: 1574
CppName: "XF_DT_SHOW_KNN_ALL_MAX_WF_FIELD_SET2_BM15_F_LOG_K0_001"
Name: "XfDtShowKnnAllMaxWFFieldSet2Bm15FLogK0001"
Ticket: "THES-223"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD,
TG_USERFEAT_FIELDSET2, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD, TG_USERFEAT_FIELDSET2,
TG_ULG_DEPRECATED2]
UseArtifact: {Name: "KnnExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: Bm15FLog by stream group 2. The
maximum weighted value of the factor."
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
}
Factor {
Index: 1575
CppName: "XF_DT_SHOW_KNN_BAG_OF_WORDS_FIELD_SET_BAG_OF_WORDS_ORIGINAL_REQUEST_FRACTION"
Name: "XfDtShowKnnBagOfWordsFieldSetBagOfWordsOriginalRequestFraction"
Ticket: "THES-223"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD,
TG_DEPRECATED, TG_FORMULA_2]
```

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UseArtifact: {Name: "KnnExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: baggy OriginalRequestFraction by FieldSetBagOfWords stream."
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
}
Factor {
Index: 1576
CppName: "XF_DT_SHOW_KNN_ALL_MAX_WF_SUM_W_QUERY_DWELL_TIME_MIX_MATCH_WEIGHTED_VALUE"
Name: "XfDtShowKnnAllMaxWFSumWQueryDwellTimeMixMatchWeightedValue"
Ticket: "THES-223"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_NEURAL, TG_KNN, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_730D, TG_USERFEAT_CLICK_MACHINE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
UseArtifact: {Name: "KnnExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: MixMatchWeightedValue by QueryDwellTime stream. The maximum weighted value of the factor normalized to the total weight."
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
}
Factor {
Index: 1577
CppName: "XF_DT_SHOW_KNN_ALL_SUM_W2_F_SUM_W_TITLE_BM15_K0_1"
Name: "XfDtShowKnnAllSumW2FSumWTitleBm15K01"
Ticket: "THES-223"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
UseArtifact: {Name: "KnnExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: Bm15 by Title stream. Total weighted factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) normalized on the total weight."
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
}
Factor {
Index: 1578
CppName: "XF_DT_SHOW_KNN_TOP_MIN_F_FIELD_SET3_BCLM_WEIGHTED_F_LOG_W0_K0_001"
Name: "XfDtShowKnnTopMinFFieldSet3BclmWeightedFLogW0K0001"
Ticket: "THES-223"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD, TG_DEPRECATED, TG_FORMULA_2]
UseArtifact: {Name: "KnnExpansions"}
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: BclmWeightedFLogW0 by stream group 3. Minimum factor value by extension top."
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
}
Factor {
Index: 1579
CppName: "XF_DT_SHOW_KNN_ALL_SUM_W2_F_SUM_W_FIELD_SET3_BCLM_WEIGHTED_F_LOG_W0_K0_001"
Name: "XfDtShowKnnAllSumW2FSumWFieldSet3BclmWeightedFLogW0K0001"
Ticket: "THES-223"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

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Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_DEPRECATED, TG\_FORMULA\_2]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: BclmWeightedFLogW0 by stream group 3. Total weighted factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) normalized to total weight.  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}  
Factor {  
Index: 1580  
CppName: "XF\_DT\_SHOW\_KNN\_ALL\_MAX\_WF\_FIELD\_SET1\_BM15\_F\_LOG\_K0\_001"  
Name: "XfDtShowKnnAllMaxWFFieldSet1Bm15FLogK0001"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_DEPRECATED, TG\_FORMULA\_2]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: Bm15FLog by stream group 1. The maximum weighted value of the factor."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}  
Factor {  
Index: 1581  
CppName: "XF\_DT\_SHOW\_KNN\_ALL\_SUM\_WF\_SUM\_W\_FIELD\_SET1\_BM15\_F\_LOG\_K0\_001"  
Name: "XfDtShowKnnAllSumWFSumWFieldSet1Bm15FLogK0001"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_DEPRECATED, TG\_FORMULA\_2]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: Bm15FLog by stream group 1. The total weighted value of the factor normalized to the total weight."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}  
Factor {  
Index: 1582  
CppName: "XF\_DT\_SHOW\_KNN\_BAG\_OF\_WORDS\_LONG\_CLICK\_SP\_ANNOTATION\_MATCH\_AVG\_VALUE"  
Name: "XfDtShowKnnBagOfWordsLongClickSPAnnotationMatchAvgValue"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_SAMPLE\_PERIOD, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: baggy AnnotationMatchAvgValue by LongClickSP stream."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}  
Factor {  
Index: 1583



CppName: "XF\_DT\_SHOW\_KNN\_TOP\_SUM\_W2\_F\_SUM\_W\_FIELD\_SET1\_BM15\_F\_LOG\_K0\_001"  
Name: "XfDtShowKnnTopSumW2FSumWFieldSet1Bm15FLogK0001"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_DEPRECATED, TG\_FORMULA\_2]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: Bm15FLog by stream group 1. Total weighted factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by top of extensions normalized by the total weight by top of extensions."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}  
Factor {  
Index: 1584  
CppName: "XF\_DT\_SHOW\_KNN\_TOP\_MIN\_WF\_MAX\_W\_FIELD\_SET1\_BM15\_F\_LOG\_K0\_001"  
Name: "XfDtShowKnnTopMinWFMaxWFieldSet1Bm15FLogK0001"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_DEPRECATED, TG\_FORMULA\_2]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: Bm15FLog by stream group 1. Minimum weighted factor value by extension top normalized by maximum weight by extension top."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}  
Factor {  
Index: 1585  
CppName: "XF\_DT\_SHOW\_KNN\_ALL\_MAX\_WF\_SUM\_W\_BODY\_PAIR\_MIN\_PROXIMITY"  
Name: "XfDtShowKnnAllMaxWFSumWBodyPairMinProximity"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: PairMinProximity by Body stream. The maximum weighted value of the factor normalized to the total weight."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}  
Factor {  
Index: 1586  
CppName: "XF\_DT\_SHOW\_KNN\_ALL\_SUM\_W2\_F\_SUM\_W\_FIELD\_SET1\_BM15\_F\_LOG\_K0\_001"  
Name: "XfDtShowKnnAllSumW2FSumWFieldSet1Bm15FLogK0001"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_DEPRECATED, TG\_FORMULA\_2]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: Bm15FLog by stream group 1. Total weighted factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) normalized to total weight."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}

Factor {  
Index: 1587  
CppName: "XF\_DT\_SHOW\_KNN\_BAG\_OF\_WORDS\_SIMPLE\_CLICK\_ANNOTATION\_MATCH\_AVG\_VALUE"  
Name: "XfDtShowKnnBagOfWordsSimpleClickAnnotationMatchAvgValue"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_SEARCH\_DWELL\_TIME, TG\_USERFEAT\_CLICK\_MACHINE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: baggy AnnotationMatchAvgValue by SimpleClick stream."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}

Factor {  
Index: 1588  
CppName: "XF\_DT\_SHOW\_KNN\_BAG\_OF\_WORDS\_TITLE\_COSINE\_MAX\_MATCH"  
Name: "XfDtShowKnnBagOfWordsTitleCosineMaxMatch"  
Ticket: "THES-223"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"  
Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]  
UseArtifact: {Name: "KnnExpansions"}  
Description: "Linguistic boosting factor. Extension type: XfDtShowKnn. Factor: baggy CosineMaxMatch by Title stream."  
Authors: ["mihaild"]  
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]  
}

Factor {  
Index: 1589  
CppName: "FI\_REGIONALITY5\_LOCALIZATION\_PROBABILITY"  
Name: "Regionality5LocalizationProbability"  
DependsOn: [{Feature: ["Regionality5LocalizationProbability"], Slice: "begemot\_query\_factors"}]  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/KachestvoPoiska/geo/Regionality5/"  
Ticket: "BUKI-2544"  
Tags: [TG\_DYNAMIC, TG\_L2, TG\_LOCALIZED\_COUNTRY, TG\_NEURAL, TG\_QUERY\_ONLY, TG\_USER, TG\_USER\_SEARCH, TG\_DEPRECATED]  
Description: "Predict the probability that a query is localizable according to the Regionality5 rule."  
UseArtifact: {Name: "DssmRegionality5"}  
UseArtifact: {Name: "DssmClicksCountryLocalityStats", IsIndirectDependency: true}  
UseArtifact: {Name: "DssmHostsPopularity", IsIndirectDependency: true}  
UseArtifact: {Name: "DssmRandomLog", IsIndirectDependency: true}  
Authors: ["volverine", "mbusel"]  
Responsibles: ["volverine", "mbusel"]  
}

Factor {  
Index: 1590  
CppName: "FI\_REMOVED\_1590"  
Name: "Removed\_1590"  
Tags: [TG\_REMOVED, TG\_REUSABLE]  
}

Factor {  
Index: 1591  
CppName: "FI\_REMOVED\_1591"  
Name: "Removed\_1591"  
Tags: [TG\_REMOVED, TG\_REUSABLE]

```
}
Factor {
Index: 1592
CppName: "FI_REMOVED_1592"
Name: "Removed_1592"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1593
CppName: "FI_REMOVED_1593"
Name: "Removed_1593"
Tags: [TG_REMOVED, TG_REUSABLE]
}
Factor {
Index: 1594
CppName: "FI_DOCUMENT_HAS_FIO_FROM_ORIGINAL_REQUEST"
Name: "DocumentHasFioFromOriginalRequest"
Tags: [TG_UNIMPLEMENTED, TG_UNUSED, TG_DYNAMIC, TG_DOC, TG_URL_TEXT, TG_TEXT_MACHINE]
Description: "Document has Fio from original request"
Ticket: "SEARCHSPEC-92"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
}
Factor {
Index: 1595
CppName: "FI_PAGE_QUALITY_EXPERIMENT_1"
Name: "PageQualityExperiment1"
Ticket: "SEARCHSPEC-44"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Page Quality Experiment Factor 1"
Tags: [TG_DOC, TG_UNIMPLEMENTED, TG_UNUSED]
}
Factor {
Index: 1596
CppName: "FI_DSSM_LOG_DT_BIGRAMS_AM_HARD_QUERIES_NO_CLICKS_MIXED"
Name: "DssmLogDtBigramsAMHardQueriesNoClicksMixed"
Ticket: "FACTOR-1532"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_UNSUPPORTED, TG_DEPRECATED]
Description: "DSSM model trained on clicks without miner (with no-clicks and am_hard negatives 50/50 and then on
am_hard negatives only). Takes bigrams into account."
UseArtifact: {Name: "DssmLogDtBigramsAMHardQueriesNoClicksMixed"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm/"
Authors: ["bobrosoft"]
Responsibles: ["bobrosoft"]
}
Factor {
Index: 1597
CppName: "FI_DSSM_BOOSTING_XF_ONE_SE_AM_SS_HARD_KMEANS_1_SCORE"
Name: "DssmBoostingXfOneSeAmSsHardKMeans1Score"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_L2, TG_UNSUPPORTED,
TG_NN_OVER_FEATURES_USE]
Description: "Dssm Boosting Score aggregation for XfOneSeAmSsHard model over 1-means centroids."
UseArtifact: {Name: "BoostingXfOneSeAmSsHardDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1601"
Authors: ["crossby", "plato"]
```

```
Responsibles: ["crossby", "plato"]
}
Factor {
Index: 1598
CppName: "FI_DSSM_BOOSTING_XF_ONE_SE_AM_SS_HARD_KMEANS_1_SCORE_AVG_CLUSTER_TOP_3_WEIGHTED"
Name: "DssmBoostingXfOneSeAmSsHardKMeans1ScoreAvgClusterTop3Weighted"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_L2, TG_UNSUPPORTED,
TG_NN_OVER_FEATURES_USE]
Description: "Dssm Boosting ScoreAvgClusterTop3Weighted aggregation for XfOneSeAmSsHard model over 1-means
centroids."
UseArtifact: {Name: "BoostingXfOneSeAmSsHardDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1601"
Authors: ["crossby", "plato"]
Responsibles: ["crossby", "plato"]
}
Factor {
Index: 1599
CppName: "FI_PAGE_QUALITY_EXPERIMENT_2"
Name: "PageQualityExperiment2"
Ticket: "SEARCHSPEC-44"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Page Quality 2 experiment factor"
Tags: [TG_DOC, TG_UNIMPLEMENTED, TG_UNUSED]
}
Factor {
Index: 1600
CppName: "FI_YELLOWNESS_IMG_MAX"
Name: "YellownessImgMax"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average by url maximum yellowness of teaser image"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1601
CppName: "FI_YELLOWNESS_IMG_AVG"
Name: "YellownessImgAvg"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average by url average yellowness of teaser image"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1602
CppName: "FI_YELLOW_IMG_SHARE"
Name: "YellowImgShare"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Ratio of yellow images in teasers on host"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
```

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Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1603
CppName: "FI_YELLOW_IMG_COUNT"
Name: "YellowImgCount"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average yellow images count on host"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1604
CppName: "FI_TEASERS_COUNT"
Name: "TeasersCount"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average teasers count on host"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1605
CppName: "FI_TEASERS_AREA"
Name: "TeasersArea"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average teasers area on host"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1606
CppName: "FI_YELLOWNESS_TXT_MIN"
Name: "YellownessTxtMin"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average by url minimum yellowness of teaser text"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1607
CppName: "FI_YELLOWNESS_TXT_AVG"
Name: "YellownessTxtAvg"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average by url average yellowness of teaser text"
```

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Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1608
CppName: "FI_HAS_ADV_CLICKABLE_BG"
Name: "HasAdvClickableBG"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Background is clickable advertisement"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1609
CppName: "FI_ADV_NETS_AREA"
Name: "AdvNetsArea"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average ratio of adverts on screen"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1610
CppName: "FI_ADV_NETS_AREA_FIRST_PAGE"
Name: "AdvNetsAreaFirstPage"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Ratio of adverts on screen on main page"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1611
CppName: "FI_ADV_NETS_COUNT"
Name: "AdvNetsCount"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "Average count of adverts on screen"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1612
CppName: "FI_ADV_TRAFF_OUT_SHARE_DESKTOP"
Name: "AdvTraffOutShareDesktop"
```

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Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Ratio of outgoing advertisement traffic to all traffic (desktop)"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1613
CppName: "FI_RTБ_TRAFF_OUT_SHARE_DESKTOP"
Name: "RTBTraffOutShareDesktop"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Ratio of outgoing real-time bidding traffic to all traffic (desktop)"
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/cunningbothostfactors/"
Ticket: "FACTOR-1656",
Authors: ["ashagarov", "avatar"]
Responsibles: ["ashagarov", "avatar"]
ImplementationTime: "2018-06-01"
}
Factor {
Index: 1614
CppName: "FI_NEWS_AGENCY_RATING"
Name: "NewsAgencyRating"
Group: "RegHostStatic"
Tags: [TG_STATIC, TG_HOST, TG_L2, TG_FRESHNESS_USE, TG_UNUSED]
Description: "Rating of news agency from agencies.json (Yandex.News resource)"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/NewsAgencyRating/"
Ticket: "FRESHNESS-3025",
Authors: ["albus", "melton", "nkmakarov"]
Responsibles: ["albus", "melton", "nkmakarov"]
}
Factor {
Index: 1615
CppName: "FI_QUERY_TO_TEXT_BY_XF_DT_SHOW_KNN_ALL_SUM_W2_F_SUM_W_TEXT_BOСM11_NORM256"
Name: "QueryToTextByXfDtShowKnnAllSumW2FSumWTextBocm11Norm256"
Ticket: "THES-296"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
UseArtifact: {Name: "KnnExpansions"}
Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Factor: Norm256 according to stream Bocm11. Total weighted factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ). "
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
ImplementationTime: "2018-05-23"
}
Factor {
Index: 1616
CppName: "FI_QUERY_TO_TEXT_BY_XF_DT_SHOW_KNN_TOP_SUM_W2_F_SUM_W_BODY_MIN_WINDOW_SIZE"
Name: "QueryToTextByXfDtShowKnnTopSumW2FSumWBodyMinWindowSize"
Ticket: "THES-296"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
UseArtifact: {Name: "KnnExpansions"}

```

Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Factor: MinWindowSize by Body stream. The total weighted values of the factor multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by top of extensions normalized by the total weight over the top of extensions."

Authors: ["mihaild"]

Responsibles: ["mihaild", "gotmanov", "ilnurkh"]

ImplementationTime: "2018-05-23"

}

Factor {

Index: 1617

CppName: "FI\_QUERY\_TO\_TEXT\_BY\_XF\_DT\_SHOW\_KNN\_ALL\_SUM\_W2\_F\_SUM\_W\_BODY\_MIN\_WINDOW\_SIZE"

Name: "QueryToTextByXfDtShowKnnAllSumW2FSumWBodyMinWindowSize"

Ticket: "THES-296"

Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]

UseArtifact: {Name: "KnnExpansions"}

Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Factor: MinWindowSize by Body stream. Total weighted factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) normalized on the total weight.

Authors: ["mihaild"]

Responsibles: ["mihaild", "gotmanov", "ilnurkh"]

ImplementationTime: "2018-05-23"

}

Factor {

Index: 1618

CppName: "FI\_QUERY\_TO\_TEXT\_BY\_XF\_DT\_SHOW\_KNN\_TOP\_SUM\_W2\_F\_SUM\_W\_TEXT\_BOCM11\_NORM256"

Name: "QueryToTextByXfDtShowKnnTopSumW2FSumWTextBocm11Norm256"

Ticket: "THES-296"

Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]

Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Factor: Norm256 based on stream Bocm11. Total weighted factor values multiplied by weight ( $\frac{\sum W_i * (W_i * F_i)}{\sum W_i}$ ) by top of extensions."

UseArtifact: {Name: "KnnExpansions"}

Authors: ["mihaild"]

Responsibles: ["mihaild", "gotmanov", "ilnurkh"]

ImplementationTime: "2018-05-23"

}

Factor {

Index: 1619

CppName: "FI\_QUERY\_TO\_TEXT\_BY\_XF\_DT\_SHOW\_KNN\_ALL\_MIN\_W"

Name: "QueryToTextByXfDtShowKnnAllMinW"

Ticket: "THES-296"

Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_NEURAL, TG\_KNN, TG\_NN\_OVER\_FEATURES\_USE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]

UseArtifact: {Name: "KnnExpansions"}

Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Minimum extension weight."

Authors: ["mihaild"]

Responsibles: ["mihaild", "gotmanov", "ilnurkh"]

ImplementationTime: "2018-05-23"

}

Factor {

Index: 1620

CppName: "FI\_QUERY\_TO\_TEXT\_BY\_XF\_DT\_SHOW\_KNN\_ALL\_AVG\_W"

Name: "QueryToTextByXfDtShowKnnAllAvgW"

Ticket: "THES-296"



```
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Arithmetic mean of extension
weights."
UseArtifact: {Name: "KnnExpansions"}
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
ImplementationTime: "2018-05-23"
}
Factor {
Index: 1621
CppName: "FI_QUERY_TO_TEXT_BY_XF_DT_SHOW_KNN_ALL_TOTAL_W"
Name: "QueryToTextByXfDtShowKnnAllTotalW"
Ticket: "THES-296"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED, TG_FORMULA_2245_DEP]
Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Total weight of extensions."
UseArtifact: {Name: "KnnExpansions"}
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
ImplementationTime: "2018-05-23"
}
Factor {
Index: 1622
CppName:
"FI_QUERY_TO_TEXT_BY_XF_DT_SHOW_KNN_BAG_OF_WORDS_FIELD_SET_BAG_OF_WORDS_ORIGINAL_REQUEST_F
RACTION"
Name: "QueryToTextByXfDtShowKnnBagOfWordsFieldSetBagOfWordsOriginalRequestFraction"
Ticket: "THES-296"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_NEURAL, TG_KNN, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD,
TG_DEPRECATED, TG_FORMULA_2]
Description: "Linguistic boosting factor. Extension type: QueryToTextByXfDtShowKnn. Factor: baggy
OriginalRequestFraction by FieldSetBagOfWords stream."
UseArtifact: {Name: "KnnExpansions"}
Authors: ["mihaild"]
Responsibles: ["mihaild", "gotmanov", "ilnurkh"]
ImplementationTime: "2018-05-23"
}
Factor {
Index: 1623
CppName: "FI_PAGE_QUALITY_EXPERIMENT_3"
Name: "PageQualityExperiment3"
Ticket: "SEARCHSPEC-44"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Page Quality 3 experiment factor"
Tags: [TG_DOC, TG_UNIMPLEMENTED, TG_UNUSED]
}
Factor {
Index: 1624
Name: "DssmBoostingXfOneSeAmSsHardQueryMutationAddFixedYearWordRenormedDistance"
DependsOn: [{Feature: ["DssmBoostingXfOneSeAmSsHardQueryMutationAddFixedYearWordRenormedDistance"],
Slice: "begemot_query_factors"}]
```

CppName:  
"FI\_DSSM\_BOOSTING\_XF\_ONE\_SE\_AM\_SS\_QUERY\_MUTATION\_ADD\_FIXED\_YEAR\_WORD\_RENORMED\_DISTANCE"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_L2, TG\_UNSUPPORTED, TG\_DEPRECATED]  
Description: "Characterizes the query by the degree of change from adding a fixed word (number of some year), using the dssm model DssmBoostingXfOneSeAmSsHard"  
UseArtifact: {Name: "BoostingXfOneSeAmSsHardDssmModel"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/dsssm\_query\_mutation"  
Ticket: "FACTOR-1665",  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-06-04"  
}  
Factor {  
Index: 1625  
Name: "DssmBoostingXfOneSeAmSsHardQueryMutationAddOnlineWordRenormedDistance"  
DependsOn: [{Feature: ["DssmBoostingXfOneSeAmSsHardQueryMutationAddOnlineWordRenormedDistance"], Slice: "begemot\_query\_factors"}]  
CppName:  
"FI\_DSSM\_BOOSTING\_XF\_ONE\_SE\_AM\_SS\_QUERY\_MUTATION\_ADD\_ONLINE\_WORD\_RENORMED\_DISTANCE"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_L2, TG\_UNSUPPORTED, TG\_DEPRECATED]  
Description: "Characterizes the query by the degree of change from adding a fixed word ('online' for Cyrillic), using the dssm model DssmBoostingXfOneSeAmSsHard"  
UseArtifact: {Name: "BoostingXfOneSeAmSsHardDssmModel"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/dsssm\_query\_mutation"  
Ticket: "FACTOR-1665",  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-06-04"  
}  
Factor {  
Index: 1626  
Name: "DssmBoostingXfOneSeAmSsHardQueryMutationDelSiteWordRenormedDistance"  
DependsOn: [{Feature: ["DssmBoostingXfOneSeAmSsHardQueryMutationDelSiteWordRenormedDistance"], Slice: "begemot\_query\_factors"}]  
CppName: "FI\_DSSM\_BOOSTING\_XF\_ONE\_SE\_AM\_SS\_QUERY\_MUTATION\_DEL\_SITE\_WORD\_RENORMED\_DISTANCE"  
Tags: [TG\_QUERY\_ONLY, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_OFTEN\_ZERO, TG\_L2, TG\_UNSUPPORTED, TG\_DEPRECATED]  
Description: "Characterizes the request by the degree of change from the removal of a fixed word ('site' for Cyrillic), using the dssm model DssmBoostingXfOneSeAmSsHard"  
UseArtifact: {Name: "BoostingXfOneSeAmSsHardDssmModel"}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/dsssm\_query\_mutation"  
Ticket: "FACTOR-1665"  
Authors: ["ilnurkh"]  
Responsibles: ["ilnurkh"]  
ImplementationTime: "2018-06-04"  
}  
Factor {  
Index: 1627  
CppName: "FI\_DOC\_SOURCE\_FRESH"  
Name: "DocSourceFresh"  
Tags: [TG\_STATIC, TG\_BINARY, TG\_L2, TG\_DEPRECATED]  
Description: "Document from shards with fresh"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/DocSourceFresh"  
Ticket: "FACTOR-1701"  
Authors: ["tktabolov", "olegator"]  
Responsibles: ["tktabolov", "olegator"]

```
ImplementationTime: "2018-06-26"
}
Factor {
Index: 1628
CppName: "FI_RANDOM_LOG_WORD_MAX_HAS_NO_TR"
Name: "RandomLogWordMaxHasNoTr"
DependsOn: [{"Feature": ["RandomLogWordMaxHasNoTr"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average HasNoTr value for queries over 3 months is calculated. Then, for all
query words, the maximum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1629
CppName: "FI_RANDOM_LOG_WORD_MAX_IS_LJ"
Name: "RandomLogWordMaxIsLJ"
DependsOn: [{"Feature": ["RandomLogWordMaxIsLJ"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average value of IsLJ for requests for 3 months is calculated. Then, for all
words of the request, the maximum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1630
CppName: "FI_REMOVED_1630"
Name: "Removed_1630"
Tags: [TG_REMOVED]
}
Factor {
Index: 1631
CppName: "FI_RANDOM_LOG_WORD_MIN_BCLM_LITE"
Name: "RandomLogWordMinBclmLite"
DependsOn: [{"Feature": ["RandomLogWordMinBclmLite"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average value of BclmLite for requests for 3 months is calculated. Then, for all
words of the request, the minimum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1632
CppName: "FI_RANDOM_LOG_WORD_SKIP_STOP_WORDS_MAX_DBM40"
Name: "RandomLogWordSkipStopWordsMaxDBM40"
DependsOn: [{"Feature": ["RandomLogWordSkipStopWordsMaxDBM40"], Slice: "begemot_query_factors"}]
```

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Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average DBM40 value for queries over 3 months is calculated. Then, for all
non-stop words of the query, the maximum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1633
CppName: "FI_RANDOM_LOG_WORD_SKIP_STOP_WORDS_MAX_IS_DESKTOP_REQUEST"
Name: "RandomLogWordSkipStopWordsMaxIsDesktopRequest"
DependsOn: [{"Feature": ["RandomLogWordSkipStopWordsMaxIsDesktopRequest"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average value of IsDesktopRequest for requests for 3 months is calculated.
Then, for all non-stop words of the request, the maximum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1634
CppName: "FI_RANDOM_LOG_WORD_MAX_RLQ_AVG_HAS_NO_ALL_WORDS_TR_SYN"
Name: "RandomLogWordMaxRLQAvgHasNoAllWordsTrSyn"
DependsOn: [{"Feature": ["RandomLogWordMaxRLQAvgHasNoAllWordsTrSyn"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average value of RLQAvgHasNoAllWordsTrSyn for requests for 3 months is
calculated. Then, for all words of the request, the maximum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1635
CppName: "FI_RANDOM_LOG_WORD_MAX_DSSM_AGGREGATED_ANN_REG"
Name: "RandomLogWordMaxDssmAggregatedAnnReg"
DependsOn: [{"Feature": ["RandomLogWordMaxDssmAggregatedAnnReg"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_DEPRECATED,
TG_UNSUPPORTED]
Description: "For each offline word, the average value of DssmAggregatedAnnReg for queries over 3 months is
calculated. Then, for all query words, the maximum of this value is taken."
UseArtifact: {Name: "DssmAnnReg", IsIndirectDependency: true}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1636
```

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CppName: "FI_RANDOM_LOG_WORD_MAX_META_NUM_URLS_PER_HOST_FIXED"
Name: "RandomLogWordMaxMetaNumUrlsPerHostFixed"
DependsOn: [{Feature: ["RandomLogWordMaxMetaNumUrlsPerHostFixed"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average MetaNumUrlsPerHostFixed value is calculated for queries over 3
months. Then, for all query words, the maximum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1637
CppName: "FI_RANDOM_LOG_WORD_SKIP_STOP_WORDS_MAX_SD_IS_NAV_MX_QUERY_MAX"
Name: "RandomLogWordSkipStopWordsMaxSDIsNavMxQueryMax"
DependsOn: [{Feature: ["RandomLogWordSkipStopWordsMaxSDIsNavMxQueryMax"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1683"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_DEPRECATED]
Description: "For each offline word, the average value of MaxSDIsNavMxQueryMax for queries for 3 months is
calculated. Then, for all non-stop words of the query, the maximum of this value is taken."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/RandomLogWordMeta/"
Authors: ["ptanusha"]
Responsibles: ["ptanusha"]
ImplementationTime: "2018-06-04"
}
Factor {
Index: 1638
CppName: "FI_RANDOMLOGHOST_VISITS_FROM_WIKI_AVG"
Name: "RandomLogHostVisitsFromWikiAvg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of VisitsFromWiki web factor using random log"
DependsOn: [{Feature: ["VisitsFromWiki"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1639
CppName: "FI_PAGE_QUALITY_EXPERIMENT_4"
Name: "PageQualityExperiment4"
Ticket: "SEARCHSPEC-44"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Page Quality 4 experiment factor"
Tags: [TG_DOC, TG_UNIMPLEMENTED, TG_UNUSED]
}
Factor {
Index: 1640
CppName: "FI_RANDOMLOGHOST_NAV_LINEAR_PERCENTALE_25"
Name: "RandomLogHostNavLinearPerc25"
Ticket: "FACTOR-1727"
```

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Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_25 aggregation of NavLinear web factor using random log"
DependsOn: [{Feature: ["NavLinear"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1641
CppName: "FI_RANDOMLOGHOST_FOUND_PERCENTALE_90"
Name: "RandomLogHostFoundPerc90"
Ticket: "FACTOR-1727"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of Found web factor using random log"
DependsOn: [{Feature: ["Found"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1642
CppName: "FI_RANDOMLOGHOST_SUBQUERY_THEME_MATCH_AVG"
Name: "RandomLogHostSubqueryThMatchAvg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED, TG_FROZEN,
TG_UNSUPPORTED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of SubqueryThMatch web factor using random log"
DependsOn: [{Feature: ["SubqueryThMatch"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1643
CppName: "FI_PAGE_QUALITY_EXPERIMENT_5"
Name: "PageQualityExperiment5"
Ticket: "SEARCHSPEC-44"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Factor for experiments Page Quality 5"
Tags: [TG_DOC, TG_UNIMPLEMENTED, TG_UNUSED]
}
Factor {
Index: 1644
CppName: "FI_RANDOMLOGHOST_SEGMENT_WORD_PORTION_FROM_MAINCONTENT_AVG"
Name: "RandomLogHostSegmentWordPortionFromMainContentAvg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of SegmentWordPortionFromMainContent web factor using random log"
DependsOn: [{Feature: ["SegmentWordPortionFromMainContent"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
```

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ImplementationTime: "2018-08-15"
}
Factor {
Index: 1645
CppName: "FI_RANDOMLOGHOST_XF_DT_SHOW_ALL_MAX_F_FIELD_SET2_BM15FLOG_K0_001_AVG"
Name: "RandomLogHostXfDtShowAllMaxFFieldSet2Bm15FLogK0001Avg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of XfDtShowAllMaxFFieldSet2Bm15FLogK0001 web factor using random log"
DependsOn: [{Feature: ["XfDtShowAllMaxFFieldSet2Bm15FLogK0001"], Slice: "web_production"}]
UseArtifact: {Name: "XfDtExpansions", IsIndirectDependency: true}
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1646
CppName: "FI_RANDOMLOGHOST_QUERY_REGION_SIZE_AVG"
Name: "RandomLogHostQueryRegionSizeAvg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of QueryRegionSize web factor using random log"
DependsOn: [{Feature: ["QueryRegionSize"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1647
CppName: "FI_DOC_FROM_WEB_TIER1"
Name: "DocFromWebTier1"
Tags: [TG_STATIC, TG_BINARY, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Description: "Document came from WebTier1"
Ticket: "LOWSEARCH-8"
Authors: ["miha715lev", "alejes"]
Responsibles: ["miha715lev", "alejes"]
}
Factor {
Index: 1648
CppName: "FI_RANDOMLOGHOST_IS_RELEV_LOCALE_UA_AVG"
Name: "RandomLogHostIsRelevLocaleUAAvg"
Ticket: "FACTOR-1727"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of IsRelevLocaleUA web factor using random log"
DependsOn: [{Feature: ["IsRelevLocaleUA"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1649
```

CppName:  
"FI\_RANDOMLOGHOST\_QFUF\_ALL\_SUM\_WF\_SUM\_W\_FIELD\_SET3\_BCLM\_WEIGHTED\_FLOG\_WO\_K0\_001\_PERCENTALE\_90"  
Name: "RandomLogHostQfufAllSumWFSumWFieldSet3BclmWeightedFLogWOK0001Perc90"  
Ticket: "FACTOR-1727"  
Tags: [TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
UseArtifact: {Name: "QfufExpansions", IsIndirectDependency: true}  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "PERCENTALE\_90 aggregation of QfufAllSumWFSumWFieldSet3BclmWeightedFLogWOK0001 web factor using random log"  
DependsOn: [{Feature: ["QfufAllSumWFSumWFieldSet3BclmWeightedFLogWOK0001"], Slice: "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik"]  
ImplementationTime: "2018-08-15"  
}  
Factor {  
Index: 1650  
CppName: "FI\_RANDOMLOGHOST\_DSSM\_BOOSTING\_CTR\_QUERY\_SELF\_SIMILARITY\_PERCENTALE\_90"  
Name: "RandomLogHostDssmBoostingCtrQuerySelfSimilarityPerc90"  
Ticket: "FACTOR-1727"  
Tags: [TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_DEPRECATED, TG\_UNSUPPORTED, TG\_FROZEN]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "PERCENTALE\_90 aggregation of DssmBoostingCtrQuerySelfSimilarity web factor using random log"  
DependsOn: [{Feature: ["DssmBoostingCtrQuerySelfSimilarity"], Slice: "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik"]  
ImplementationTime: "2018-08-15"  
}  
Factor {  
Index: 1651  
CppName: "FI\_RANDOMLOGHOST\_QUERY\_TO\_DOC\_ALL\_SUM\_F\_COUNT\_TEXT\_BOCM11\_NORM256\_AVG"  
Name: "RandomLogHostQueryToDocAllSumFCountTextBocm11Norm256Avg"  
Ticket: "FACTOR-1727"  
Tags: [TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_DEPRECATED, TG\_FROZEN, TG\_UNSUPPORTED]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "AVG aggregation of QueryToDocAllSumFCountTextBocm11Norm256 web factor using random log.  
NOTE: QueryToDocAllSumFCountTextBocm11Norm256 has been removed."  
Authors: ["edik"]  
Responsibles: ["edik"]  
ImplementationTime: "2018-08-15"  
}  
Factor {  
Index: 1652  
CppName: "FI\_RANDOMLOGHOST\_QUERY\_IS\_NAV\_MX\_PERCENTALE\_90"  
Name: "RandomLogHostIsNavMxQueryPerc90"  
Ticket: "FACTOR-1727"  
Tags: [TG\_DEPRECATED, TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "PERCENTALE\_90 aggregation of IsNavMxQuery web factor using random log"  
DependsOn: [{Feature: ["IsNavMxQuery"], Slice: "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik"]  
ImplementationTime: "2018-08-15"  
}



```
Factor {
Index: 1653
CppName: "FI_DOC_FROM_PLATINUM0"
Name: "DocFromPlatinum0"
Tags: [TG_STATIC, TG_BINARY, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Description: "Document came from Platinum0"
Ticket: "LOWSEARCH-8"
Authors: ["miha715lev", "alejes"]
Responsibles: ["miha715lev", "alejes"]
}
Factor {
Index: 1654
CppName: "FI_RANDOMLOGHOST_DBM15_WARES2_AVG"
Name: "RandomLogHostDBM15Wares2Avg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of DBM15Wares2 web factor using random log"
DependsOn: [{"Feature": "DBM15Wares2"}, {"Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1655
CppName: "FI_RANDOMLOGHOST_URL_NGRAMS_MODEL_PERCENTALE_90"
Name: "RandomLogHostUrlNGramsModelPerc90"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of UrlNGramsModel web factor using random log"
DependsOn: [{"Feature": "UrlNGramsModel"}, {"Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1656
CppName: "FI_UNEXPECTED_TRASH_URL_QUALITY"
Name: "UnexpectedTrashUrlQuality"
Ticket: "FACTOR-2476"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Neural document model for finding unexpected tin"
Tags: [TG_NEURAL, TG_STATIC, TG_NOT_01, TG_URL_TEXT, TG_DOC, TG_DOC_TEXT, TG_UNIMPLEMENTED,
TG_UNUSED, TG_REARR_USE]
MinValue: -10
MaxValue: 10
}
Factor {
Index: 1657
CppName: "FI_MEDICAL_HOST_QUALITY_FRESH"
Name: "MedicalHostQualityFresh"
Ticket: "SEARCHSPEC-32"
Authors: ["anrodigina"]
Responsibles: ["anrodigina", "hommforever"]
}
```

Description: "Medical host quality fresh."  
Tags: [TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_UNUSED, TG\_UNIMPLEMENTED]  
}  
Factor {  
Index: 1658  
CppName:  
"FI\_RANDOMLOGHOST\_DSSM\_BOOSTING\_CTR\_KMEANS\_1\_SCORE\_SCALED\_SUM\_WEIGHTED\_QE\_PERCENTALE\_25"  
Name: "RandomLogHostDssmBoostingCtrKMeans1ScoreScaledSumWeightedQE Perc25"  
Ticket: "FACTOR-1727"  
Tags: [TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_DEPRECATED,  
TG\_UNSUPPORTED, TG\_FROZEN]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "PERCENTALE\_25 aggregation of DssmBoostingCtrKMeans1ScoreScaledSumWeightedQE web factor using  
random log"  
DependsOn: [{"Feature": ["DssmBoostingCtrKMeans1ScoreScaledSumWeightedQE"], "Slice": "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik"]  
ImplementationTime: "2018-08-15"  
}  
Factor {  
Index: 1659  
CppName: "FI\_RANDOMLOGHOST\_LONG\_CLICK\_MOBILE\_ALL\_WCM\_WEIGHTED\_VALUE\_PERCENTALE\_90"  
Name: "RandomLogHostLongClickMobileAllWcmWeightedValuePerc90"  
Ticket: "FACTOR-1727"  
Tags: [TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_USERFEAT,  
TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME,  
TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "PERCENTALE\_90 aggregation of LongClickMobileAllWcmWeightedValue web factor using random log"  
DependsOn: [{"Feature": ["LongClickMobileAllWcmWeightedValue"], "Slice": "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik"]  
ImplementationTime: "2018-08-15"  
}  
Factor {  
Index: 1660  
CppName: "FI\_RANDOMLOGHOST\_DSSM\_VK\_POPULARITY\_PERCENTALE\_25"  
Name: "RandomLogHostDssmVkPopularityPerc25"  
Ticket: "FACTOR-1727"  
Tags: [TG\_DEPRECATED, TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG,  
TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "PERCENTALE\_25 aggregation of DssmVkPopularity web factor using random log"  
UseArtifact: {Name: "DssmHostsPopularity", IsIndirectDependency: true}  
DependsOn: [{"Feature": ["DssmVkPopularity"], "Slice": "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik"]  
ImplementationTime: "2018-08-15"  
}  
Factor {  
Index: 1661  
CppName: "FI\_RANDOMLOGHOST\_UB\_LONG\_PERIOD\_URL\_VISITS\_SN\_PROB\_AVG"  
Name: "RandomLogHostUBLongPeriodVisitsSNProbAvg"  
Ticket: "FACTOR-1727"  
Tags: [TG\_HOST, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_USERFEAT,  
TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "AVG aggregation of UBLongPeriodVisitsSNProb web factor using random log"

```
DependsOn: [{"Feature": ["UBLongPeriodVisitsSNProb"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1662
CppName: "FI_RANDOMLOGHOST_COUNTRY_QUERY_REGIONALITY_PERCENTALE_90"
Name: "RandomLogHostCountryQueryRegionalityPerc90"
Ticket: "FACTOR-1727"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of CountryQueryRegionality web factor using random log"
DependsOn: [{"Feature": ["CountryQueryRegionality"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1663
CppName: "FI_RANDOMLOGHOST_HIT_WEIGHT_PERCENTALE_90"
Name: "RandomLogHostTRhitwPerc90"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of TRhitw web factor using random log"
DependsOn: [{"Feature": ["TRhitw"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1664
CppName: "FI_RANDOMLOGHOST_UB_LONG_PERIOD_URL_AVG_SEARCH_DURATION_600_PERCENTALE_90"
Name: "RandomLogHostUBLongPeriodAvgSearchDuration600Perc90"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of UBLongPeriodAvgSearchDuration600 web factor using random log"
DependsOn: [{"Feature": ["UBLongPeriodAvgSearchDuration600"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1665
CppName: "FI_RANDOMLOGHOST_REQUEST_IS_FROM_IOS_AVG"
Name: "RandomLogHostRequestIsFromIOSAvg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of RequestIsFromIOS web factor using random log"
DependsOn: [{"Feature": ["RequestIsFromIOS"], Slice: "web_production"}]
Authors: ["edik"]
```

```
Responsible: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1666
CppName: "FI_RANDOMLOGHOST_DSSM_QUERY_EMBEDDING_CTR_NO_MINER_PCA_4_PERCENTALE_90"
Name: "RandomLogHostDssmQueryEmbeddingCtrNoMinerPca4Perc90"
Ticket: "FACTOR-1727"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of DssmQueryEmbeddingCtrNoMinerPca4 web factor using random log"
UseArtifact: {Name: "DssmPcaCtrNoMiner", IsIndirectDependency: true}
DependsOn: [{Feature: ["DssmQueryEmbeddingCtrNoMinerPca4"], Slice: "web_production"}]
Authors: ["edik"]
Responsible: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1667
CppName: "FI_RANDOMLOGHOST_XF_DT_SHOW_ALL_MAX_F_FIELD_SET_UT_BM15FLOG_WO_KO_0001_AVG"
Name: "RandomLogHostXfDtShowAllMaxFFieldSetUTBm15FLogWOAvg"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of XfDtShowAllMaxFFieldSetUTBm15FLogWO web factor using random log"
DependsOn: [{Feature: ["XfDtShowAllMaxFFieldSetUTBm15FLogWO"], Slice: "web_production"}]
UseArtifact: {Name: "XfDtExpansions", IsIndirectDependency: true}
Authors: ["edik"]
Responsible: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1668
CppName: "FI_RANDOMLOGHOST_URL_TRIGRAMS_PERCENTALE_25"
Name: "RandomLogHostUrlTrigramsPerc25"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_25 aggregation of UrlTrigrams web factor using random log"
DependsOn: [{Feature: ["UrlTrigrams"], Slice: "web_production"}]
Authors: ["edik"]
Responsible: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1669
CppName: "FI_RANDOMLOGHOST_DSSM_QUERY_EMBEDDING_CTR_NO_MINER_PCA_1_PERCENTALE_90"
Name: "RandomLogHostDssmQueryEmbeddingCtrNoMinerPca1Perc90"
Ticket: "FACTOR-1727"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of DssmQueryEmbeddingCtrNoMinerPca1 web factor using random log"
UseArtifact: {Name: "DssmPcaCtrNoMiner", IsIndirectDependency: true}
DependsOn: [{Feature: ["DssmQueryEmbeddingCtrNoMinerPca1"], Slice: "web_production"}]
```

```
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1670
CppName: "FI_RANDOMLOGHOST_IS_RELEV_LOCALE_KZ_AVG"
Name: "RandomLogHostIsRelevLocaleKZAvg"
Ticket: "FACTOR-1727"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "AVG aggregation of IsRelevLocaleKZ web factor using random log"
DependsOn: [{"Feature": ["IsRelevLocaleKZ"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1671
CppName: "FI_RANDOMLOGHOST_TEXT_FEATURES_PERCENTALE_90"
Name: "RandomLogHostTextFeaturesPerc90"
Ticket: "FACTOR-1727"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of TextFeatures web factor using random log"
DependsOn: [{"Feature": ["TextFeatures"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1672
CppName: "FI_HAS_JS_FROM_MARKETGID_COM"
Name: "HasJsFromMarketgidCom"
Ticket: "FACTOR-1757"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/external_js"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_BINARY, TG_NN_OVER_FEATURES_USE]
Description: "1 if host include js from marketgid.com"
Authors: ["dskor", "ar7is7"]
Responsibles: ["dskor", "ar7is7"]
ImplementationTime: "2018-10-02"
}
Factor {
Index: 1673
CppName: "FI_HAS_JS_FROM_RFITY_COM"
Name: "HasJsFromRfityCom"
Ticket: "FACTOR-1757"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/external_js"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_BINARY, TG_NN_OVER_FEATURES_USE]
Description: "1 if host include js from rfity.com"
Authors: ["dskor", "suono"]
Responsibles: ["dskor", "suono"]
ImplementationTime: "2018-10-02"
}
Factor {
Index: 1674
```

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CppName: "FI_DSSM_GOOGLE_SPECIFICITY"
Name: "DssmGoogleSpecificity"
DependsOn: [{Feature: ["DssmGoogleSpecificity"], Slice: "begemot_query_factors"}]
Ticket: "FORMULA-1218"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/dssm_google_specificity/"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_UNUSED,
TG_DEPRECATED]
Description: "DSSM prediction of google specificity for query"
UseArtifact: {Name: "DssmGoogleSpecificity"}
Authors: ["gaiduk"]
Responsibles: ["conscience", "gaiduk"]
ImplementationTime: "2018-07-18"
}
Factor {
Index: 1675
CppName: "FI_OWNER_WEBSITE_ATTENTION"
Name: "OwnerWebsiteAttention"
Ticket: "FACTOR-1771"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ecosystem_factors"
Tags: [TG_OWNER, TG_STATIC, TG_META, TG_DATA_FROM_SAASKV]
Description: "Site owner pays attention to site details (at least once in quarter)"
Authors: ["bermud", "maginab"]
Responsibles: ["avatar", "agafonov-v", "maginab"]
ImplementationTime: "2018-08-27"
}
Factor {
Index: 1676
CppName: "FI_REMOVED_1676"
Name: "Removed1676"
Tags: [TG_REMOVED]
}
Factor {
Index: 1677
CppName: "FI_CHAT_SCORE"
Name: "ChatScore"
Ticket: "FACTOR-1771"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ecosystem_factors"
Tags: [TG_OWNER, TG_STATIC, TG_USER, TG_META, TG_DATA_FROM_SAASKV]
Description: "Chat info. positive / events or zero"
Authors: ["bermud", "pzuev"]
Responsibles: ["avatar", "agafonov", "pzuev"]
ImplementationTime: "2018-08-27"
}
Factor {
Index: 1678
CppName: "FI_HOST_PLAYER_VIEW_DEPTH"
Name: "HostPlayerViewDepth"
Ticket: "FACTOR-1771"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ecosystem_factors"
Tags: [TG_OWNER, TG_STATIC, TG_META, TG_DATA_FROM_SAASKV]
Description: "Host player info. Relationship between view time and video duration"
Authors: ["bermud", "pzuev"]
Responsibles: ["avatar", "agafonov-v", "pzuev"]
ImplementationTime: "2018-09-03"
}
Factor {
Index: 1679
CppName: "FI_HAS_JS_FROM_GOOGLE_ANALYTICS_COM"
```

```
Name: "HasJsFromGoogleAnalyticsCom"
Ticket: "FACTOR-1757"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/external_js"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_BINARY, TG_UNUSED]
Description: "1 if host include js from google-analytics.com"
Authors: ["dskor", "ar7is7"]
Responsibles: ["dskor", "ar7is7"]
ImplementationTime: "2018-10-02"
}
Factor {
Index: 1680
CppName: "FI_HAS_JS_FROM_GOOGLEAPIS_COM"
Name: "HasJsFromGoogleApisCom"
Ticket: "FACTOR-1757"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/external_js"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_BINARY, TG_UNUSED]
Description: "1 if host include js from googleapis.com"
Authors: ["dskor", "ar7is7"]
Responsibles: ["dskor", "ar7is7"]
ImplementationTime: "2018-10-02"
}
Factor {
Index: 1681
CppName: "FI_HAS_JS_FROM_FACEBOOK_NET"
Name: "HasJsFromFacebookNet"
Ticket: "FACTOR-1757"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/external_js"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_BINARY, TG_NN_OVER_FEATURES_USE]
Description: "1 if host include js from facebook.net"
Authors: ["dskor", "ar7is7"]
Responsibles: ["dskor", "ar7is7"]
ImplementationTime: "2018-10-02"
}
Factor {
Index: 1682
CppName: "FI_HAS_JS_FROM_MC_YANDEX_RU"
Name: "HasJsFromMcYandexRu"
Ticket: "FACTOR-1757"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/external_js"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_BINARY, TG_UNIMPLEMENTED]
Description: "1 if host include js from mc.yandex.ru"
Authors: ["dskor", "suono"]
Responsibles: ["dskor", "suono"]
}
Factor {
Index: 1683
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_ADD_TIME"
Name: "KnnRandomLogQueryAvgAddTime"
DependsOn: [{"Feature": ["KnnRandomLogQueryAvgAddTime"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN, TG_RANDOM_LOG, TG_DEPRECATED]
UseArtifact: {"Name": "KnnExpansions"}
Description: "Average of RandomLogQueryAvgAddTime of knn closest queries."
DependsOn: [{"Feature": ["RandomLogQueryAvgAddTime"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsafir", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
```

```
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1684
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_TEXT_HI_RELEV_SYN"
Name: "KnnRandomLogQueryAvgTxtHiRelSy"
DependsOn: [{Feature: ["KnnRandomLogQueryAvgTxtHiRelSy"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Average of RandomLogQueryAvgTxtHiRelSy of knn closest queries."
DependsOn: [{Feature: ["RandomLogQueryAvgTxtHiRelSy"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1685
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_TEXT_LIKE"
Name: "KnnRandomLogQueryAvgTextLike"
DependsOn: [{Feature: ["KnnRandomLogQueryAvgTextLike"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of RandomLogQueryAvgTextLike of knn closest queries."
DependsOn: [{Feature: ["RandomLogQueryAvgTextLike"], Slice: "web_production"}]
UseArtifact: {Name: "KnnExpansions"}
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1686
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_IS_FORUM"
Name: "KnnRandomLogQueryAvgIsForum"
DependsOn: [{Feature: ["KnnRandomLogQueryAvgIsForum"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
Description: "Average of RandomLogQueryAvgIsForum of knn closest queries."
DependsOn: [{Feature: ["RandomLogQueryAvgIsForum"], Slice: "web_production"}]
UseArtifact: {Name: "KnnExpansions"}
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1687
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_HAS_PAYMENTS"
Name: "KnnRandomLogQueryAvgHasPayments"
DependsOn: [{Feature: ["KnnRandomLogQueryAvgHasPayments"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
```



```
Description: "Average of RandomLogQueryAvgHasPayments of knn closest requests."
DependsOn: [{Feature: ["RandomLogQueryAvgHasPayments"], Slice: "web_production"}]
UseArtifact: {Name: "KnnExpansions"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1688
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_DIFFERENT_INTERNAL_LINKS"
Name: "KnnRandomLogQueryAvgDifferentInternalLinks"
DependsOn: [{Feature: ["KnnRandomLogQueryAvgDifferentInternalLinks"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Average of RandomLogQueryAvgDifferentInternalLinks of knn closest queries."
DependsOn: [{Feature: ["RandomLogQueryAvgDifferentInternalLinks"], Slice: "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1689
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_IS_TARGET_BUSSINESS_CARD"
Name: "KnnRandomLogQueryAvgIsTargetBussinessCard"
DependsOn: [{Feature: ["KnnRandomLogQueryAvgIsTargetBussinessCard"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Average of RandomLogQueryAvgIsTargetBussinessCard of knn closest requests."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1690
CppName: "FI_KNN_RANDOM_LOG_QUERY_AVG_QUERY_TO_DOC_ALL_SUM_F_COUNT_TEXT_BM11_NORM16384"
Name: "KnnRandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384"
DependsOn: [{Feature: ["KnnRandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Average of RandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384 queries closest by
knn."
DependsOn: [{Feature: ["RandomLogQueryAvgQueryToDocAllSumFCountTextBm11Norm16384"], Slice:
"web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
```

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Factor {
Index: 1691
CppName:
"FI_KNN_RANDOM_LOG_QUERY_AVG_XF_DT_SHOW_ALL_SUM_WF_SUM_W_BODY_MIN_WINDOW_SIZE"
Name: "KnnRandomLogQueryAvgXfDtShowAllSumWFSumWBodyMinWindowSize"
DependsOn: [{"Feature": ["KnnRandomLogQueryAvgXfDtShowAllSumWFSumWBodyMinWindowSize"], Slice:
"begemot_query_factors"}]
Ticket: "FACTOR-1725"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN,
TG_RANDOM_LOG, TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Average of RandomLogQueryAvgXfDtShowAllSumWFSumWBodyMinWindowSize of knn closest queries."
DependsOn: [{"Feature": ["RandomLogQueryAvgXfDtShowAllSumWFSumWBodyMinWindowSize"], Slice:
"web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/KnnRandomLog/"
Authors: ["alsifr", "tsimkha", "ptanusha", "mihaild"]
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-08-15"
}
Factor {
Index: 1692
CppName: "FI_HOST_SPEED_FROM_SPYLOG"
Name: "HostSpeedFromSpylog"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_USER, TG_BROWSER, TG_HOST, TG_STATIC, TG_L2, TG_UNUSED]
Description: "Host speed estimation"
Authors: ["ulyanov", "ashagarov"]
Responsibles: ["ulyanov", "ashagarov"]
ImplementationTime: "2019-11-06"
}
Factor {
Index: 1693
CppName: "FI_HOST_OFFICIAL"
Name: "HostOfficial"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_HOST, TG_BINARY, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Is site official"
Authors: ["mikh-kostin", "ashagarov"]
Responsibles: ["mikh-kostin", "ashagarov"]
}
Factor {
Index: 1694
CppName: "FI_REMOVED_1694"
Name: "Removed_1694"
Tags: [TG_REMOVED]
}
Factor {
Index: 1695
CppName: "FI_HOST_CY_100_LOG"
Name: "HostCy100log"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Quality link from good sites estimation"
Authors: ["ulyanov", "ashagarov"]
Responsibles: ["ulyanov", "ashagarov"]
}
```

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}
Factor {
Index: 1696
CppName: "FI_HOST_NEVASCA2_SHARE_WEIGHT"
Name: "HostNevasca2ShareWeight"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Weight sum of each non-unique nevasca shingle"
Authors: ["efedina"]
Responsibles: ["efedina"]
}
Factor {
Index: 1697
CppName: "FI_HOST_NEVASCA2_FRESH_WEEK"
Name: "HostNevasca2FreshWeek"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Nevasca shingle quantity last week"
Authors: ["efedina"]
Responsibles: ["efedina"]
}
Factor {
Index: 1698
CppName: "FI_HOST_TRAFGRAPH_IN_GT_SHARE_D"
Name: "HostTrafgraphInGT_share_d"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Greentraffic share (aka direct visits). Desktop"
Authors: ["ulyan"]
Responsibles: ["ulyan"]
}
Factor {
Index: 1699
CppName: "FI_HOST_TRAFGRAPH_IN_GT_SHARE_M"
Name: "HostTrafgraphInGT_share_m"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Greentraffic share (aka direct visits). Mobile"
Authors: ["ulyan"]
Responsibles: ["ulyan"]
}
Factor {
Index: 1700
CppName: "FI_HOST_GREEN_TRAFFIC_DESKTOP_LOG"
Name: "HostGreenTrafficDesktop_log"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_USER, TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Greentraffic absolute (desktop)"
Authors: ["ulyan"]
Responsibles: ["ulyan"]
}
Factor {
Index: 1701
```

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CppName: "FI_HOST_RETURN_RATE_MONTH"
Name: "HostReturnRateMonth"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_USER, TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: "Visits averaged by user"
Authors: ["ulyan"]
Responsibles: ["ulyan"]
}
Factor {
Index: 1702
CppName: "FI_HOST_BIZ_KERNEL"
Name: "HostBizKernel"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_USER, TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: ""
Authors: ["ashagarov"]
Responsibles: ["ashgarov"]
}
Factor {
Index: 1703
CppName: "FI_HOST_BIZ_KERNEL_QUANTILE"
Name: "HostBizKernelQuantile"
Ticket: "SEARCHSPAM-12937"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/ProximaY_components"
Tags: [TG_USER, TG_HOST, TG_STATIC, TG_L2, TG_UNIMPLEMENTED]
Description: ""
Authors: ["ashagarov"]
Responsibles: ["ashgarov"]
}
Factor {
Index: 1704
CppName: "FI_HAS_VIDEO"
Name: "HasVideo"
Ticket: "FACTOR-1729"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/video_external"
Tags: [TG_STATIC, TG_BINARY, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "1 if video on page"
Authors: ["dskor", "matveieff"]
Responsibles: ["avatar", "matveieff"]
ImplementationTime: "2018-08-21"
}
Factor {
Index: 1705
CppName: "FI_WEB_VIDEO_PCTR_NEW_ALL_WCM_MAX_MATCH"
Name: "WebVideoPctrNewAllWcmMaxMatch"
Ticket: "FACTOR-1729"
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/video_external"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Stream PctrNew from yandex video"
Authors: ["dskor", "bidzilya"]
Responsibles: ["avatar", "mincer"]
ImplementationTime: "2018-08-21"
}
Factor {
```

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Index: 1706
CppName: "FI_WEB_VIDEO_PCTR_NEW_CM_MATCH_TOP5_AVG_MATCH"
Name: "WebVideoPctrNewCMMatchTop5AvgMatch"
Ticket: "FACTOR-1729"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/video_external"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Stream PctrNew from yandex video"
Authors: ["dskor", "bidzilya"]
Responsibles: ["avatar", "mincer"]
ImplementationTime: "2018-08-21"
}
Factor {
Index: 1707
CppName: "FI_WEB_VIDEO_PCTR_NEW_ANNOTATION_MAX_VALUE_WEIGHTED"
Name: "WebVideoPctrNewAnnotationMaxValueWeighted"
Ticket: "FACTOR-1729"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/video_external"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Stream PctrNew from yandex video"
Authors: ["dskor", "bidzilya"]
Responsibles: ["avatar", "mincer"]
ImplementationTime: "2018-08-21"
}
Factor {
Index: 1708
CppName: "FI_WEB_VIDEO_PCTR_NEW_CM_MATCH_TOP5_AVG_PREDICTION"
Name: "WebVideoPctrNewCMMatchTop5AvgPrediction"
Ticket: "FACTOR-1729"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/video_external"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Stream PctrNew from yandex video"
Authors: ["dskor", "bidzilya"]
Responsibles: ["avatar", "mincer"]
ImplementationTime: "2018-08-21"
}
Factor {
Index: 1709
CppName: "FI_WEB_VIDEO_PCTR_NEW_FULL_MATCH_VALUE"
Name: "WebVideoPctrNewFullMatchValue"
Ticket: "FACTOR-1729"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/video_external"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Stream PctrNew from yandex video"
Authors: ["dskor", "bidzilya"]
Responsibles: ["avatar", "mincer"]
ImplementationTime: "2018-08-21"
}
Factor {
Index: 1710
CppName: "FI_WEB_VIDEO_PCTR_NEW_PER_WORD_CM_MAX_MATCH_MIN"
Name: "WebVideoPctrNewPerWordCMMaxMatchMin"
Ticket: "FACTOR-1729"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/video_external"
```

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Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_ANNOTATION_NOFILTER, TG_TEXT_MACHINE,
TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Stream PctrNew from yandex video"
Authors: ["dskor", "bidzilya"]
Responsibles: ["avatar", "mincer"]
ImplementationTime: "2018-08-21"
}
Factor {
Index: 1711
CppName: "FI_HAS_TURBO"
Name: "HasTurbo"
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_NN_OVER_FEATURES_USE, TG_DATA_FROM_SAASKV]
Description: "Document has a turbo page. Platform dependent"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/HasSideblock"
Ticket: "FACTOR-1740"
Authors: ["agafonov-v"]
Responsibles: ["agafonov-v", "kamoksin"]
ImplementationTime: "2019-02-19"
}
Factor {
Index: 1712
CppName: "FI_MEDICAL_HOST_QUALITY_METRIC"
Name: "MedicalHostQualityMetric"
Ticket: "SEARCHSPEC-32"
Authors: ["anrodigina"]
Responsibles: ["anrodigina", "hommforever"]
Description: "Medical host quality for metric."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 1713
CppName: "FI_REQUEST_WITHOUT_VERBS_TITLE_BM15_K01"
Name: "RequestWithoutVerbsTitleBm15K01"
Ticket: "FACTOR-1810"
Tags: [TG_DOC, TG_LINGBOOST, TG_TEXT_MACHINE, TG_DOC_TEXT, TG_DYNAMIC, TG_NN_OVER_FEATURES_USE]
Authors: ["scowl"]
Responsibles: ["gotmanov", "ilnurkh"]
Description: "Original query with verbs removed. Counted by document title. Word weight aggregation algorithm:
Bm15. Normalization factor 0.1."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
ImplementationTime: "2018-10-19"
}
Factor {
Index: 1714
CppName: "FI_REQUEST_WITHOUT_VERBS_FIELD_SET_UT_BM15FLOG_W0_K00001"
Name: "RequestWithoutVerbsFieldSetUTBm15FLogW0K00001"
Ticket: "FACTOR-1810"
Tags: [TG_URL_TEXT, TG_DOC, TG_LINGBOOST, TG_TEXT_MACHINE, TG_DOC_TEXT, TG_DYNAMIC,
TG_NN_OVER_FEATURES_USE]
Authors: ["scowl"]
Responsibles: ["gotmanov", "ilnurkh"]
Description: "Initial query with verbs removed. Counted by compositional stream consisting of tokenized url and
document title. Word weight aggregation algorithm: Bm15FLogW0. Normalization factor 0.0001."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/lingboost"
ImplementationTime: "2018-10-19"
}
Factor {
Index: 1715
```

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CppName: "FI_REQUEST_WITHOUT_VERBS_BODY_MIN_WINDOW_SIZE"
Name: "RequestWithoutVerbsSumWBodyMinWindowSize"
Ticket: "FACTOR-1810"
Tags: [TG_DOC, TG_LINGBOOST, TG_TEXT_MACHINE, TG_DOC_TEXT, TG_DYNAMIC, TG_NN_OVER_FEATURES_USE]
Authors: ["scowl"]
Responsibles: ["gotmanov", "ilnurkh"]
Description: "Original query with verbs removed. Counted by document content. Minimum window size that includes all query words. Normalized to the number of words in the query."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
ImplementationTime: "2018-10-19"
}
Factor {
Index: 1716
CppName: "FI_REQUEST_WITHOUT_VERBS_URL_BM15_K01"
Name: "RequestWithoutVerbsAllMaxFUrbm15K01"
Ticket: "FACTOR-1810"
Tags: [TG_URL_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_DYNAMIC, TG_NN_OVER_FEATURES_USE]
Authors: ["scowl"]
Responsibles: ["gotmanov", "ilnurkh"]
Description: "Initial query with verbs removed. Counted by tokenized url. Word weight aggregation algorithm: Bm15. Normalization factor 0.1."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/lingboost"
ImplementationTime: "2018-10-19"
}
Factor {
Index: 1717
CppName: "FI_RANDOMLOGHOST_LONG_RMSE"
Name: "RandomLogHostLongRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of Long web factor using random log"
DependsOn: [{"Feature": ["Long"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1718
CppName: "FI_RANDOMLOGHOST_QUERY_ISORG_RMSE"
Name: "RandomLogHostIsOrgRmse"
Ticket: "FACTOR-1821"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of IsOrg web factor using random log"
DependsOn: [{"Feature": ["IsOrg"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1719
CppName: "FI_RANDOMLOGHOST_GSK_URL_MODEL_RMSE"
Name: "RandomLogHostGskUrlModelRmse"
Ticket: "FACTOR-1821"
```

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Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of GskUrlModel web factor using random log"
DependsOn: [{"Feature": ["GskUrlModel"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1720
CppName: "FI_RANDOMLOGHOST_DATER_STATS_AVERAGE_SOURCE_SEGMENT_RMSE"
Name: "RandomLogHostDaterStatsAverageSourceSegmentRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of DaterStatsAverageSourceSegment web factor using random log"
DependsOn: [{"Feature": ["DaterStatsAverageSourceSegment"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1721
CppName: "FI_RANDOMLOGHOST_VISITS_FROM_WIKI_RMSE"
Name: "RandomLogHostVisitsFromWikiRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of VisitsFromWiki web factor using random log"
DependsOn: [{"Feature": ["VisitsFromWiki"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1722
CppName: "FI_RANDOMLOGHOST_XF_DT_SHOW_BAG_OF_WORDS_TITLE_COSINE_MAX_MATCH_RMSE"
Name: "RandomLogHostXfDtShowBagOfWordsTitleCosineMaxMatchRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of XfDtShowBagOfWordsTitleCosineMaxMatch web factor using random log"
DependsOn: [{"Feature": ["XfDtShowBagOfWordsTitleCosineMaxMatch"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1723
CppName: "FI_RANDOMLOGHOST_UB_LONG_PERIOD_URL_DOWNLOADS_PROB_RMSE"
Name: "RandomLogHostUBLongPeriodDownloadsProbRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
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Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of UBLongPeriodDownloadsProb web factor using random log"
DependsOn: [{Feature: ["UBLongPeriodDownloadsProb"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1724
CppName: "FI_RANDOMLOGHOST_META_AVG_IS_NOT_CGI_RMSE"
Name: "RandomLogHostMetaAvgIsNotCgiRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of MetaAvgIsNotCgi meta factor using random log"
DependsOn: [{Feature: ["MetaAvgIsNotCgi"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1725
CppName: "FI_RANDOMLOGHOST_META_RMS_SYN_BAD_WORD_PAIRS_RMSE"
Name: "RandomLogHostMetaRmsSynPercentBadWordPairsRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of MetaRmsSynPercentBadWordPairs meta factor using random log"
DependsOn: [{Feature: ["MetaRmsSynPercentBadWordPairs"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1726
CppName: "FI_RANDOMLOGHOST_META_POS_TRIGRAMS_PROB_RMSE"
Name: "RandomLogHostMetaPosTrigramsProbRmse"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "RMSE aggregation of MetaPosTrigramsProb meta factor using random log"
DependsOn: [{Feature: ["MetaPosTrigramsProb"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1727
CppName: "FI_RANDOMLOGHOST_BOCM_PERCENTALE_90"
Name: "RandomLogHostBocmPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of Bocm web factor using random log"
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DependsOn: [{"Feature": ["Bocm"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1728
CppName: "FI_RANDOMLOGHOST_SEGMENT_WORD_PORTION_FROM_MAINCONTENT_PERCENTALE_90"
Name: "RandomLogHostSegmentWordPortionFromMainContentPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of SegmentWordPortionFromMainContent web factor using random log"
DependsOn: [{"Feature": ["SegmentWordPortionFromMainContent"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1729
CppName: "FI_RANDOMLOGHOST_IS_MOBILE_BEAUTY_PERCENTALE_90"
Name: "RandomLogHostIsMobileBeautyPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of IsMobileBeauty web factor using random log"
DependsOn: [{"Feature": ["IsMobileBeauty"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1730
CppName: "FI_RANDOMLOGHOST_US_LONG_PERIOD_URL_WINS_PROB_PERCENTALE_90"
Name: "RandomLogHostUSLongPeriodUrlWinsProbPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of USLongPeriodUrlWinsProb web factor using random log"
DependsOn: [{"Feature": ["USLongPeriodUrlWinsProb"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1731
CppName:
"FI_RANDOMLOGHOST_DSSM_BOOSTING_XF_WEIGHT_KMEANS_5_AVG_TOP_02_SCORE_QE_PERCENTALE_90"
Name: "RandomLogHostDssmBoostingXfWeightKMeans5AvgTop02ScoreQE Perc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_UNSUPPORTED,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of DssmBoostingXfWeightKMeans5AvgTop02ScoreQE web factor using
random log"
```

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DependsOn: [{"Feature": ["DssmBoostingXfWeightKMeans5AvgTop02ScoreQE"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1732
CppName: "FI_RANDOMLOGHOST_DSSM_BOOSTING_CTR_KMEANS_1_SCORE_PERCENTALE_90"
Name: "RandomLogHostDssmBoostingCtrKMeans1ScorePerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED,
TG_UNSUPPORTED, TG_FROZEN]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of DssmBoostingCtrKMeans1Score web factor using random log"
DependsOn: [{"Feature": ["DssmBoostingCtrKMeans1Score"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1733
CppName: "FI_RANDOMLOGHOST_SD_IS_NAV_MX_QUERY_MAX_PERCENTALE_90"
Name: "RandomLogHostSDIsNavMxQueryMaxPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of SDIsNavMxQueryMax meta factor using random log"
DependsOn: [{"Feature": ["SDIsNavMxQueryMax"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1734
CppName: "FI_RANDOMLOGHOST_META_WEB_764_1076_PRODUCT_INV_AVG_PERCENTALE_90"
Name: "RandomLogHostMetaWeb764Web1076ProductInvAvgPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED, TG_FROZEN,
TG_UNSUPPORTED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of MetaWeb764Web1076ProductInvAvg meta factor using random log"
DependsOn: [{"Feature": ["MetaWeb764Web1076ProductInvAvg"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1735
CppName: "FI_RANDOMLOGHOST_META_WEB_1099_1219_PRODUCT_INV_POS_PERCENTALE_90"
Name: "RandomLogHostMetaWeb1099Web1219ProductInvPosPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_UNSUPPORTED,
TG_DEPRECATED, TG_FROZEN]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of MetaWeb1099Web1219ProductInvPos meta factor using random log"
DependsOn: [{"Feature": ["MetaWeb1099Web1219ProductInvPos"], Slice: "web_meta"}]
Authors: ["edik"]
```

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Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1736
CppName:
"FI_RANDOMLOGHOST_META_MAX_DSSM_MIDDLE_VS_SHORT_LONG_HARD_NO_CLICKS_PERCENTALE_90"
Name: "RandomLogHostMetaMaxDssmMiddleVsShortLongHardNoClicksPerc90"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED,
TG_UNSUPPORTED, TG_FROZEN]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "PERCENTALE_90 aggregation of MetaMaxDssmMiddleVsShortLongHardNoClicks meta factor using
random log"
DependsOn: [{Feature: ["MetaMaxDssmMiddleVsShortLongHardNoClicks"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1737
CppName: "FI_RANDOMLOGHOST_NUM_LINKS_FROM_MP_MAX"
Name: "RandomLogHostNumLinksFromMPMax"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of NumLinksFromMP web factor using random log"
DependsOn: [{Feature: ["NumLinksFromMP"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1738
CppName: "FI_RANDOMLOGHOST_NAV_LINEAR_MAX"
Name: "RandomLogHostNavLinearMax"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of NavLinear web factor using random log"
DependsOn: [{Feature: ["NavLinear"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1739
CppName: "FI_RANDOMLOGHOST_DATER_STATS_AVERAGE_SOURCE_SEGMENT_MAX"
Name: "RandomLogHostDaterStatsAverageSourceSegmentMax"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of DaterStatsAverageSourceSegment web factor using random log"
DependsOn: [{Feature: ["DaterStatsAverageSourceSegment"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
```

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}
Factor {
Index: 1740
CppName: "FI_RANDOMLOGHOST_WS_IS_INDEX_PAGE_AND_QUERY_IS_NAV_MX_MAX"
Name: "RandomLogHostWeightedSumIsIndexPagelsNavMxQueryMax"
Ticket: "FACTOR-1821"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of WeightedSumIsIndexPagelsNavMxQuery web factor using random log"
DependsOn: [{Feature: ["WeightedSumIsIndexPagelsNavMxQuery"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1741
CppName: "FI_RANDOMLOGHOST_QUERY_TO_DOC_ALL_SUM_F_COUNT_TEXT_BOCM11_NORM256_MAX"
Name: "RandomLogHostQueryToDocAllSumFCountTextBocm11Norm256Max"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED, TG_FROZEN,
TG_UNSUPPORTED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of QueryToDocAllSumFCountTextBocm11Norm256 web factor using random log.
NOTE: QueryToDocAllSumFCountTextBocm11Norm256 has been removed."
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1742
CppName: "FI_RANDOMLOGHOST_DSSM_LOG_DWELL_TIME_BIGRAMS_QUERY_DERIVATIVE_MAX_MAX"
Name: "RandomLogHostDssmBigramsQueryDerivativeMaxMax"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED, TG_FROZEN,
TG_UNSUPPORTED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of DssmBigramsQueryDerivativeMax web factor using random log"
DependsOn: [{Feature: ["DssmBigramsQueryDerivativeMax"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1743
CppName: "FI_RANDOMLOGHOST_DSSM_QUERY_COUNTRY_TO_URL_ESTIMATED_DISTANCE_MAX"
Name: "RandomLogHostDssmQueryCountryToUrlEstimatedDistanceMax"
Ticket: "FACTOR-1821"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_UNSUPPORTED, TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of DssmQueryCountryToUrlEstimatedDistance web factor using random log"
UseArtifact: {Name: "DssmClicksCountryLocalityStats", IsIndirectDependency: true}
DependsOn: [{Feature: ["DssmQueryCountryToUrlEstimatedDistance"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
```

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Factor {
Index: 1744
CppName: "FI_RANDOMLOGHOST_META_WEB_764_1076_PRODUCT_INV_AVG_MAX"
Name: "RandomLogHostMetaWeb764Web1076ProductInvAvgMax"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED, TG_FROZEN,
TG_UNSUPPORTED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "MAX aggregation of MetaWeb764Web1076ProductInvAvg meta factor using random log"
DependsOn: [{Feature: ["MetaWeb764Web1076ProductInvAvg"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1745
CppName: "FI_RANDOMLOGHOST_TEXT_FEATURES_LOGAVG"
Name: "RandomLogHostTextFeaturesLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of TextFeatures web factor using random log"
DependsOn: [{Feature: ["TextFeatures"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1746
CppName: "FI_RANDOMLOGHOST_DOC_LEN_LOGAVG"
Name: "RandomLogHostDocLenLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of DocLen web factor using random log"
DependsOn: [{Feature: ["DocLen"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1747
CppName: "FI_RANDOMLOGHOST_IS_HTML_LOGAVG"
Name: "RandomLogHostIsHTMLLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of IsHTML web factor using random log"
DependsOn: [{Feature: ["IsHTML"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1748
```

```
CppName: "FI_RANDOMLOGHOST_DOC_HAS_LEVENSHT1_QUERY_FRAGMENT_LOGAVG"
Name: "RandomLogHostHasLevensht1QueryFragmentLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of HasLevensht1QueryFragment web factor using random log"
DependsOn: [{Feature: ["HasLevensht1QueryFragment"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1749
CppName: "FI_RANDOMLOGHOST_HEADING_IDF_SUM_FIXED_LOGAVG"
Name: "RandomLogHostHeadingIdfSumFixedLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of HeadingIdfSumFixed web factor using random log"
DependsOn: [{Feature: ["HeadingIdfSumFixed"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1750
CppName: "FI_RANDOMLOGHOST_ADV_PRONOUNS_PORTION_LOGAVG"
Name: "RandomLogHostAdvPronounsPortionLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of AdvPronounsPortion web factor using random log"
DependsOn: [{Feature: ["AdvPronounsPortion"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1751
CppName: "FI_RANDOMLOGHOST_LONGEST_TEXT_LOGAVG"
Name: "RandomLogHostLongestTextLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of LongestText web factor using random log"
DependsOn: [{Feature: ["LongestText"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1752
CppName: "FI_RANDOMLOGHOST_COUNTRY_HOUR_LOGAVG"
Name: "RandomLogHostCountryHourLogAvg"
```

```
Ticket: "FACTOR-1821"
Tags: [TG_DEPRECATED, TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of CountryHour web factor using random log"
DependsOn: [{Feature: ["CountryHour"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1753
CppName: "FI_RANDOMLOGHOST_METRIKA_URL_AVG_TIME_LOGAVG"
Name: "RandomLogHostMetrikaUrlAvgTimeLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of MetrikaUrlAvgTime web factor using random log"
DependsOn: [{Feature: ["MetrikaUrlAvgTime"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1754
CppName: "FI_RANDOMLOGHOST_WIKI_LINK_COUNT_LOGAVG"
Name: "RandomLogHostWikiLinkCountLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of WikiLinkCount web factor using random log"
DependsOn: [{Feature: ["WikiLinkCount"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1755
CppName: "FI_RANDOMLOGHOST_BROWSER_URL_DWELL_TIME_REGION_FRC_LOGAVG"
Name: "RandomLogHostBrowserUrlDwellTimeRegionFrcLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of BrowserUrlDwellTimeRegionFrc web factor using random log"
DependsOn: [{Feature: ["BrowserUrlDwellTimeRegionFrc"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1756
CppName: "FI_RANDOMLOGHOST_WIKI_INFOBOX_LOGAVG"
Name: "RandomLogHostWikiInfoboxLogAvg"
Ticket: "FACTOR-1821"
```



```
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of WikiInfobox web factor using random log"
DependsOn: [{Feature: ["WikiInfobox"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1757
CppName: "FI_RANDOMLOGHOST_QUERY_DOC_TITLE_RANGES_MATCHING_SCORE_LOGAVG"
Name: "RandomLogHostQueryDocTitleRangesMatchingScoreLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED, TG_FROZEN,
TG_UNSUPPORTED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of QueryDocTitleRangesMatchingScore web factor using random log"
DependsOn: [{Feature: ["QueryDocTitleRangesMatchingScore"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1758
CppName: "FI_RANDOMLOGHOST_IS_MOBILE_BEAUTY_LOGAVG"
Name: "RandomLogHostIsMobileBeautyLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of IsMobileBeauty web factor using random log"
DependsOn: [{Feature: ["IsMobileBeauty"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1759
CppName: "FI_RANDOMLOGHOST_QUERY_TO_TEXT_ALL_SUM_WF_SUM_W_BODY_MIN_WINDOW_SIZE_LOGAVG"
Name: "RandomLogHostQueryToTextAllSumWFSumWBodyMinWindowSizeLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of QueryToTextAllSumWFSumWBodyMinWindowSize web factor using random
log"
DependsOn: [{Feature: ["QueryToTextAllSumWFSumWBodyMinWindowSize"], Slice: "web_production"}]
UseArtifact: {Name: "QueryToTextExpansions", IsIndirectDependency: true}
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1760
CppName: "FI_RANDOMLOGHOST_DSSM_RANDOM_LOG_QUERY_AVG_DIFFERENT_INTERNAL_LINKS_LOGAVG"
Name: "RandomLogHostDssmRandomLogQueryAvgDifferentInternalLinksLogAvg"
Ticket: "FACTOR-1821"
```

```
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of DssmRandomLogQueryAvgDifferentInternalLinks web factor using random log"
UseArtifact: {Name: "DssmRandomLog", IsIndirectDependency: true}
DependsOn: [{Feature: ["DssmRandomLogQueryAvgDifferentInternalLinks"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1761
CppName: "FI_RANDOMLOGHOST_META_URL_DIRECT_CHILDREN_CNT_LOGAVG"
Name: "RandomLogHostMetaUrlDirectChildrenCntLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of MetaUrlDirectChildrenCnt meta factor using random log"
DependsOn: [{Feature: ["MetaUrlDirectChildrenCnt"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1762
CppName: "FI_RANDOMLOGHOST_META_WEB_1241_1299_PRODUCT_INV_POS_LOGAVG"
Name: "RandomLogHostMetaWeb1241Web1299ProductInvPosLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of MetaWeb1241Web1299ProductInvPos meta factor using random log"
DependsOn: [{Feature: ["MetaWeb1241Web1299ProductInvPos"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1763
CppName: "FI_RANDOMLOGHOST_META_EPS_HASH_SHARE_NATIONAL_LANGUAGE_LOGAVG"
Name: "RandomLogHostMetaEpsHashShareNationalLanguageLogAvg"
Ticket: "FACTOR-1821"
Tags: [TG_HOST, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "LOGAVG aggregation of MetaEpsHashShareNationalLanguage meta factor using random log"
DependsOn: [{Feature: ["MetaEpsHashShareNationalLanguage"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik"]
ImplementationTime: "2018-09-17"
}
Factor {
Index: 1764
CppName: "FI_IS_HTTPS"
Name: "IsHttps"
Tags: [TG_DOC, TG_STATIC, TG_URL_TEXT, TG_BINARY, TG_L2, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE]
Description: "Document has https protocol"
Ticket: "FACTOR-1642"
```

Authors: ["edik"]  
Responsibles: ["scowl"]  
ImplementationTime: "2018-09-12"  
}  
Factor {  
Index: 1765  
CppName: "FI\_QUERY\_URL\_EDIT\_DIST\_NORMALIZED\_BY\_MAX\_LEN"  
Name: "QueryUrlEditDistNormalizedByMaxlen"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_DOC, TG\_URL\_TEXT, TG\_L2, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Description: "Levenshtein distance between the request and the url like youtubecom/watch normalized to the maximum of the length of the request and the url"  
Ticket: "SEARCH-7650"  
Authors: ["altruist"]  
Responsibles: ["altruist", "sankear"]  
}  
Factor {  
Index: 1766  
CppName: "FI\_QUERY\_URL\_LCS\_NORMALIZED\_BY\_QUERY"  
Name: "QueryUrlLCSNormalizedByQuery"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_DOC, TG\_URL\_TEXT, TG\_L2, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Description: "The length of the longest common substring between the url and the request, normalized by the length of the request"  
Ticket: "SEARCH-7650"  
Authors: ["altruist"]  
Responsibles: ["altruist", "sankear"]  
}  
Factor {  
Index: 1767  
CppName: "FI\_TOLOKA\_BASED\_PORN\_QUERY\_CLASSIFICATION\_SIGMOID"  
Name: "TolokaBasedPornQueryClassificationSigmoid"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/antispam\_factors/"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_TOLOKA, TG\_L2]  
Description: "Sigmoid-normalized value of the porn text query classifier according to estimates from Toloka"  
Ticket: "FACTOR-1905"  
Authors: ["vdf", "kolomaxo", "alexumnov"]  
Responsibles: ["vdf", "kolomaxo", "alexumnov"]  
}  
Factor {  
Index: 1768  
CppName: "FI\_TOLOKA\_BASED\_PORN\_QUERY\_CLASSIFICATION\_BINARY"  
Name: "TolokaBasedPornQueryClassificationBinary"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/antispam\_factors/"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_TOLOKA, TG\_L2, TG\_BINARY]  
Description: "Binarized value of the text query porn classifier according to estimates from Toloka"  
Ticket: "FACTOR-1905"  
Authors: ["vdf", "kolomaxo", "alexumnov"]  
Responsibles: ["vdf", "kolomaxo", "alexumnov"]  
}  
Factor {  
Index: 1769  
CppName: "FI\_WEB\_CLASSIFICATION\_BASED\_PORN\_QUERY\_CLASSIFICATION"  
Name: "WebClassificationBasedPornQueryClassification"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/antispam\_factors/"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_L2]  
Description: "Reduced to [0,1] the value of the text query porn classifier according to the estimates of the web classifier and additional dictionaries"

Ticket: "FACTOR-1905"  
Authors: ["vdf", "kolomaxo", "alexumnov"]  
Responsibles: ["vdf", "kolomaxo", "alexumnov"]  
}  
Factor {  
Index: 1770  
CppName: "FI\_WEB\_CLASSIFICATION\_BASED\_PORN\_QUERY\_CLASSIFICATION\_BINARY"  
Name: "WebClassificationBasedPornQueryClassificationBinary"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/antispam\_factors/"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_L2, TG\_BINARY]  
Description: "The value of the text query porn classifier binarized using fixlists according to the estimates of the web classifier and additional dictionaries"  
Ticket: "FACTOR-1905"  
Authors: ["vdf", "kolomaxo", "alexumnov"]  
Responsibles: ["vdf", "kolomaxo", "alexumnov"]  
}  
Factor {  
Index: 1771  
CppName: "FI\_DIRTY\_LANGUAGE\_IN\_QUERY"  
Name: "DirtyLanguageInQuery"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/antispam\_factors/"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_L2]  
Description: "The presence of obscene language in the request. 0 - absent, 0.5 - soft, 1 - hard"  
Ticket: "FACTOR-1905"  
Authors: ["vdf", "kolomaxo", "alexumnov"]  
Responsibles: ["vdf", "kolomaxo", "alexumnov"]  
}  
Factor {  
Index: 1772  
CppName: "FI\_PORN\_MARKERS\_IN\_QUERY"  
Name: "PornMarkersInQuery"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/antispam\_factors/"  
Tags: [TG\_UNIMPLEMENTED, TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_REARR\_USE, TG\_L2]  
Description: "The presence of porn markers in the request (0 - yes, 1/3 - no, 1 - request 'gray')"  
Ticket: "FACTOR-1905"  
Authors: ["vdf", "kolomaxo", "alexumnov"]  
Responsibles: ["vdf", "kolomaxo", "alexumnov"]  
}  
Factor {  
Index: 1773  
CppName: "FI\_DSSM\_PANTHER\_TERMS"  
Name: "DssmPantherTerms"  
Ticket: ["SEARCH-7921", "FACTOR-1704"]  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_USER, TG\_USER\_SEARCH, TG\_URL\_TEXT, TG\_DOC\_TEXT, TG\_NEURAL, TG\_L2, TG\_LOCALIZED\_REGION, TG\_NN\_OVER\_FEATURES\_USE]  
UseArtifact: {Name: "DssmPantherTerms"}  
Authors: ["vmakeev", "sankear", "olegator"]  
Responsibles: ["vmakeev", "sankear", "olegator"]  
ImplementationTime: "2018-11-08"  
}  
Factor {  
Index: 1774  
CppName: "FI\_ADULTNESS\_PROD"  
Name: "AdultnessProd"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/Factory-antispam-podokumentnye/"  
Tags: [TG\_UNIMPLEMENTED, TG\_STATIC, TG\_DOC, TG\_REARR\_USE, TG\_L2]  
Description: "Document classifier of porniness, features according to the text of the document"

```
Ticket: "FACTOR-1936"
Authors: ["vdf", "kolomaxo", "alexumnov"]
Responsibles: ["vdf", "kolomaxo", "alexumnov"]
}
Factor {
Index: 1775
CppName: "FI_ADULTNESS_URL"
Name: "AdultnessUrl"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/Factory-antispama-
podokumentnye/"
Tags: [TG_UNIMPLEMENTED, TG_STATIC, TG_DOC, TG_REARR_USE, TG_L2]
Description: "Document porn classifier, features by document url"
Ticket: "FACTOR-1936"
Authors: ["vdf", "kolomaxo", "alexumnov"]
Responsibles: ["vdf", "kolomaxo", "alexumnov"]
}
Factor {
Index: 1776
CppName: "FI_NASTY_IMAGE_VALUE"
Name: "NastyImageValue"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/Factory-antispama-
podokumentnye/"
Tags: [TG_UNIMPLEMENTED, TG_STATIC, TG_DOC, TG_REARR_USE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_L2]
Description: "Document porn classifier, features based on document images (information is taken from the Image
index)"
Ticket: "FACTOR-1936"
Authors: ["vdf", "kolomaxo", "alexumnov"]
Responsibles: ["vdf", "kolomaxo", "alexumnov"]
}
Factor {
Index: 1777
CppName: "FI_NASTY_VIDEO"
Name: "NastyVideo"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/Factory-antispama-
podokumentnye/"
Tags: [TG_UNIMPLEMENTED, TG_STATIC, TG_DOC, TG_REARR_USE, TG_SAMOHOD_UNIMPLEMENTED,
TG_CALLISTO_UNIMPLEMENTED, TG_L2]
Description: "Document porn classifier, features based on document videos (information is taken from the Video
index)"
Ticket: "FACTOR-1936"
Authors: ["vdf", "kolomaxo", "alexumnov"]
Responsibles: ["vdf", "kolomaxo", "alexumnov"]
}
Factor {
Index: 1778
CppName: "FI_NASTY_HOST"
Name: "NastyHost"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/Factory-antispama-
podokumentnye/"
Tags: [TG_STATIC, TG_HOST, TG_REARR_USE, TG_USER, TG_USER_SEARCH, TG_USER_SEARCH_ONLY, TG_L2,
TG_NN_OVER_FEATURES_USE]
Description: "Host porn classifier, features about porn requests for which the host was shown and clicked"
Ticket: "FACTOR-1936"
Authors: ["vdf", "kolomaxo", "alexumnov"]
Responsibles: ["vdf", "kolomaxo", "alexumnov"]
ImplementationTime: "2018-12-03"
}
```

```
Factor {
Index: 1779
CppName: "FI_OFFICIAL_IN_QUERY"
Name: "OfficialInQuery"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/PopularWordsInQuery/"
Ticket: ["FACTOR-1870"]
Tags: [TG_QUERY_ONLY, TG_BINARY, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "The presence of the word official in the lemmatized query"
Authors: ["padese", "ptanusha"]
Responsibles: ["padese", "ptanusha"]
ImplementationTime: "2018-11-26"
}
Factor {
Index: 1780
CppName: "FI_WIKI_IN_QUERY"
Name: "WikiInQuery"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/PopularWordsInQuery/"
Ticket: ["FACTOR-1870"]
Tags: [TG_QUERY_ONLY, TG_BINARY, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "The presence of the word wikipedia in the lemmatized query"
Authors: ["padese", "ptanusha"]
Responsibles: ["padese", "ptanusha"]
ImplementationTime: "2018-11-26"
}
Factor {
Index: 1781
CppName: "FI_NOT_IN_QUERY"
Name: "NotInQuery"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/PopularWordsInQuery/"
Ticket: ["FACTOR-1870"]
Tags: [TG_QUERY_ONLY, TG_BINARY, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "The presence in the lemmatized query of the word not and similar in meaning"
Authors: ["padese", "ptanusha"]
Responsibles: ["padese", "ptanusha"]
ImplementationTime: "2018-11-26"
}
Factor {
Index: 1782
CppName: "FI_PRICE_IN_QUERY"
Name: "PriceInQuery"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/PopularWordsInQuery/"
Ticket: ["FACTOR-1870"]
Tags: [TG_QUERY_ONLY, TG_BINARY, TG_L2, TG_NN_OVER_FEATURES_USE, TG_DEPRECATED]
Description: "The presence in the lemmatized query of the words buy, price and similar in meaning"
Authors: ["padese", "ptanusha"]
Responsibles: ["padese", "ptanusha"]
ImplementationTime: "2018-11-26"
}
Factor {
Index: 1783
CppName: "FI_DWELL_TIME_SUM_FRACTION_PERCENTALE25_AGGR"
Name: "DwellTimeSumFractionPercentale25Aggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME]
Description: "Return factor per host. Percentale aggregation with coefficient 0.25f DwellTimeSumFraction feature"
Authors: ["mbusel", "scowl"]
```

```
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1784
CppName: "FI_DOC_FROM_QUICK_MED"
Name: "DocFromQuickMed"
Tags: [TG_STATIC, TG_BINARY, TG_L2, TG_UNUSED, TG_UNIMPLEMENTED]
Description: "Document came from QuickMed"
Ticket: "REFRESH-516"
Authors: "flyrise"
Responsibles: "flyrise"
}
Factor {
Index: 1785
CppName: "FI_AVERAGE_RETURN_TIME_PERCENTALE99_AGGR"
Name: "AverageReturnTimePercentale99Aggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE]
Description: "Return factor per host. Percentale aggregation with coefficient 0.99f of feature AverageReturnTime"
Authors: ["mbusel", "scowl"]
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1786
CppName: "FI_AVERAGE_RETURN_TIME_PERCENTALE97_AGGR"
Name: "AverageReturnTimePercentale97Aggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE]
Description: "Return factor per host. Percentale aggregation with coefficient 0.97f feature AverageReturnTime"
Authors: ["mbusel", "scowl"]
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1787
CppName: "FI_AVERAGE_RETURN_TIME_GREATER_FRACTION99_AGGR"
Name: "AverageReturnTimeGreaterFraction99Aggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE]
Description: "Return factor per host. GreaterFraction aggregation with coefficient 0.99f feature AverageReturnTime"
Authors: ["mbusel", "scowl"]
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1788
CppName: "FI_AVERAGE_LOG_RETURN_TIME_PERCENTALE99_AGGR"
Name: "AverageLogReturnTimePercentale99Aggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
```

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Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE]
Description: "Return factor per host. Percentale aggregation with coefficient 0.99f feature AverageLogReturnTime"
Authors: ["mbusel", "scowl"]
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1789
CppName: "FI_AVERAGE_LOG_RETURN_TIME_GREATER_FRACTION90_AGGR"
Name: "AverageLogReturnTimeGreaterFraction90Aggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE]
Description: "Return factor per host. GreaterFraction aggregation with coefficient 0.9f feature
AverageLogReturnTime"
Authors: ["mbusel", "scowl"]
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1790
CppName: "FI_FIRST_CLICK_DWELL_TIME_LESS_FRACTIONS5_AGGR"
Name: "FirstClickDwellTimeLessFraction5Aggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME]
Description: "Return factor per host. LessFraction aggregation with factor 0.05f FirstClickDwellTime features"
Authors: ["mbusel", "scowl"]
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1791
CppName: "FI_AVERAGE_VISITS_PER_3_HOURS_WEIGHTED_AVERAGE_AGGR"
Name: "AverageVisitsPer3HoursWeightedAverageAggr"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"
Ticket: "FACTOR-1805"
Tags: [TG_STATIC, TG_HOST, TG_USER, TG_USER_SEARCH_ONLY, TG_L2, TG_USERFEAT, TG_USERFEAT_90D,
TG_NN_OVER_FEATURES_USE]
Description: "Return to host factor. WeightedAverage feature aggregation AverageVisitsPer3Hours"
Authors: ["mbusel", "scowl"]
Responsibles: ["scowl", "tarum", "niknik"]
ImplementationTime: "2018-12-17"
}
Factor {
Index: 1792
CppName: "FI_MEDICAL_HOST_QUALITY"
Name: "MedicalHostQuality"
Ticket: "SEARCHSPEC-3"
Authors: ["anrodigina"]
Responsibles: ["anrodigina", "hommforever"]
Description: "Medical host quality."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
```



Index: 1793  
CppName: "FI\_HAS\_TURBO\_APP"  
Name: "HasTurboApp"  
Tags: [TG\_DOC, TG\_STATIC, TG\_BINARY, TG\_OFTEN\_ZERO, TG\_META\_OVERWRITE, TG\_UNUSED, TG\_DATA\_FROM\_SAASKV, TG\_UNIMPLEMENTED]  
Description: "The document has a turbo page for the desktop platform. Updates on top of the base are delivered via saas."  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/HasTurbo-ByPlatform/"  
Ticket: "SEARCHSPAM-14754"  
Authors: ["bikulov"]  
Responsibles: ["bikulov", "ulyanov", "burmisha"]  
}  
Factor {  
Index: 1794  
CppName: "FI\_AVERAGE\_DWELL\_TIME\_PER\_HOUR\_WEIGHTED\_AVERAGE\_AGGR"  
Name: "AverageDwellTimePerHourWeightedAverageAggr"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"  
Ticket: "FACTOR-1805"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME]  
Description: "Return factor per host. WeightedAverage feature aggregation AverageDwellTimePerHour"  
Authors: ["mbusel", "scowl"]  
Responsibles: ["scowl", "tarum", "niknik"]  
ImplementationTime: "2018-12-17"  
}  
Factor {  
Index: 1795  
CppName: "FI\_AVERAGE\_DWELL\_TIME\_PER\_3\_HOURS\_LESS\_FRACTION10\_AGGR"  
Name: "AverageDwellTimePer3HoursLessFraction10Aggr"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"  
Ticket: "FACTOR-1805"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME]  
Description: "Return factor per host. LessFraction aggregation with coefficient 0.1f of feature AverageDwellTimePer3Hours"  
Authors: ["mbusel", "scowl"]  
Responsibles: ["scowl", "tarum", "niknik"]  
ImplementationTime: "2018-12-17"  
}  
Factor {  
Index: 1796  
CppName: "FI\_AVERAGE\_DWELL\_TIME\_PER\_WEEK\_MAX\_AGGR"  
Name: "AverageDwellTimePerWeekMaxAggr"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/hostreturnfeatures"  
Ticket: "FACTOR-1805"  
Tags: [TG\_STATIC, TG\_HOST, TG\_USER, TG\_USER\_SEARCH\_ONLY, TG\_L2, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT\_SEARCH\_DWELL\_TIME]  
Description: "Return factor to host. Max feature aggregation AverageDwellTimePerWeek"  
Authors: ["mbusel", "scowl"]  
Responsibles: ["scowl", "tarum", "niknik"]  
ImplementationTime: "2018-12-17"  
}  
Factor {  
Index: 1797  
CppName: "FI\_QUERY\_DOPP\_MEDIAN\_DWELLTIME"  
Name: "QueryDoppMedianDwelltime"  
DependsOn: [{"Feature": ["QueryDoppMedianDwelltime"], "Slice": "begemot\_query\_factors"}]  
Ticket: "FACTOR-1978"

```
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_L2, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "The median query dellettime over the entire history. Dwelltime is truncated to 6000. The query is
normalized by doppelgangers"
Authors: "mihaild"
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-12-25"
UseArtifact: {Name: "QueryStaticFeaturesBigDict"}
}
Factor {
Index: 1798
CppName: "FI_QUERY_DOPP_MULTIPLE_CLICKS_SHOWS"
Name: "QueryDoppMultipleClicksShows"
DependsOn: [{Feature: ["QueryDoppMultipleClicksShows"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1978"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_L2, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "The number of times a query with more than one click has been shown in its history. The query is
normalized by doppelgangers"
Authors: "mihaild"
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-12-25"
UseArtifact: {Name: "QueryStaticFeaturesBigDict"}
}
Factor {
Index: 1799
CppName: "FI_QUERY_DOPP_MULTIPLE_CLICKS_PROBABILITY"
Name: "QueryDoppMultipleClicksProbability"
DependsOn: [{Feature: ["QueryDoppMultipleClicksProbability"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1978"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_L2, TG_UNDOCUMENTED,
TG_DEPRECATED]
Description: "Proportion of impressions for a query with more than one click from all impressions in history. The query
is normalized by doppelgangers"
Authors: "mihaild"
Responsibles: ["mihaild", "gotmanov"]
ImplementationTime: "2018-12-25"
UseArtifact: {Name: "QueryStaticFeaturesBigDict"}
}
Factor {
Index: 1800
CppName:
"FI_RANDOMLOGOWNER_RANDOM_LOG_WORD_MAX_META_NUM_URLS_PER_HOST_FIXED_PERCENTALE_90"
Name: "RandomLogOwnerRandomLogWordMaxMetaNumUrlsPerHostFixedPerc90"
Ticket: "FACTOR-1930"
Tags: [TG_DEPRECATED, TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of RandomLogWordMaxMetaNumUrlsPerHostFixed web factor using random log,
aggregation type is PERCENTALE_90"
DependsOn: [{Feature: ["RandomLogWordMaxMetaNumUrlsPerHostFixed"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1801
CppName: "FI_RANDOMLOGOWNER_META_WEB_1099_1219_PRODUCT_INV_POS_LOGAVG"
```

Name: "RandomLogOwnerMetaWeb1099Web1219ProductInvPosLogAvg"  
Ticket: "FACTOR-1930"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_UNSUPPORTED, TG\_DEPRECATED, TG\_FROZEN]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "Owner aggregation of MetaWeb1099Web1219ProductInvPos meta factor using random log, aggregation type is LOGAVG"  
DependsOn: [{Feature: ["MetaWeb1099Web1219ProductInvPos"], Slice: "web\_meta"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
ImplementationTime: "2018-12-28"  
}  
Factor {  
Index: 1802  
CppName: "FI\_RANDOMLOGOWNER\_DSSM\_DWELLTIME\_REG\_CHAIN\_TRAINED\_EMBEDDING\_PERCENTALE\_90"  
Name: "RandomLogOwnerDssmDwelltimeRegChainTrainedEmbeddingPerc90"  
Ticket: "FACTOR-1930"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "Owner aggregation of DssmDwelltimeRegChainTrainedEmbedding meta factor using random log, aggregation type is PERCENTALE\_90"  
UseArtifact: {Name: "DssmDwelltimeRegChain", IsIndirectDependency: true}  
DependsOn: [{Feature: ["DssmDwelltimeRegChainTrainedEmbedding"], Slice: "web\_meta"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
ImplementationTime: "2018-12-28"  
}  
Factor {  
Index: 1803  
CppName: "FI\_RANDOMLOGOWNER\_DSSM\_RANDOM\_LOG\_QUERY\_AVG\_HAS\_PAYMENTS\_LOGAVG"  
Name: "RandomLogOwnerDssmRandomLogQueryAvgHasPaymentsLogAvg"  
Ticket: "FACTOR-1930"  
Tags: [TG\_DEPRECATED, TG\_OWNER, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "Owner aggregation of DssmRandomLogQueryAvgHasPayments web factor using random log, aggregation type is LOGAVG"  
UseArtifact: {Name: "DssmRandomLog", IsIndirectDependency: true}  
DependsOn: [{Feature: ["DssmRandomLogQueryAvgHasPayments"], Slice: "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
ImplementationTime: "2018-12-28"  
}  
Factor {  
Index: 1804  
CppName: "FI\_RANDOMLOGOWNER\_UB\_LONG\_PERIOD\_URL\_BROWSE\_FRC\_PERCENTALE\_90"  
Name: "RandomLogOwnerUblongPeriodBrowseFrcPerc90"  
Ticket: "FACTOR-1930"  
Tags: [TG\_OWNER, TG\_STATIC, TG\_L2, TG\_USER, TG\_USER\_SEARCH, TG\_RANDOM\_LOG, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]  
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"  
Description: "Owner aggregation of UblongPeriodBrowseFrc web factor using random log, aggregation type is PERCENTALE\_90"  
DependsOn: [{Feature: ["UblongPeriodBrowseFrc"], Slice: "web\_production"}]  
Authors: ["edik"]  
Responsibles: ["edik", "tarum", "niknik"]  
ImplementationTime: "2018-12-28"

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}
Factor {
Index: 1805
CppName: "FI_RANDOMLOGOWNER_META_URL_CHILDREN_CNT_LOGAVG"
Name: "RandomLogOwnerMetaUrlChildrenCntLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of MetaUrlChildrenCnt meta factor using random log, aggregation type is LOGAVG"
DependsOn: [{Feature: ["MetaUrlChildrenCnt"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1806
CppName: "FI_RANDOMLOGOWNER_META_RMS_DIFFERENT_INTERNAL_LINKS_PERCENTALE_25"
Name: "RandomLogOwnerMetaRmsDifferentInternalLinksPerc25"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of MetaRmsDifferentInternalLinks meta factor using random log, aggregation type is
PERCENTALE_25"
DependsOn: [{Feature: ["MetaRmsDifferentInternalLinks"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1807
CppName: "FI_RANDOMLOGOWNER_RANDOM_LOG_WORD_MAX_HAS_NO_TR_PERCENTALE_90"
Name: "RandomLogOwnerRandomLogWordMaxHasNoTrPerc90"
Ticket: "FACTOR-1930"
Tags: [TG_DEPRECATED, TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of RandomLogWordMaxHasNoTr web factor using random log, aggregation type is
PERCENTALE_90"
DependsOn: [{Feature: ["RandomLogWordMaxHasNoTr"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1808
CppName: "FI_RANDOMLOGOWNER_META_RESID_US_LONG_PERIOD_URL_WINS_PROB_RMSE"
Name: "RandomLogOwnerMetaResidUSLongPeriodUrlWinsProbRmse"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of MetaResidUSLongPeriodUrlWinsProb meta factor using random log, aggregation
type is RMSE"
DependsOn: [{Feature: ["MetaResidUSLongPeriodUrlWinsProb"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
```

```

}
Factor {
Index: 1809
CppName: "FI_RANDOMLOGOWNER_PORNO_QUERY_LOGAVG"
Name: "RandomLogOwnerPornoQueryLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_DEPRECATED, TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of PornoQuery web factor using random log, aggregation type is LOGAVG"
DependsOn: [{Feature: ["PornoQuery"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1810
CppName: "FI_RANDOMLOGOWNER_NATIONAL_LANGUAGE_LOGAVG"
Name: "RandomLogOwnerNationalLanguageLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of NationalLanguage web factor using random log, aggregation type is LOGAVG"
DependsOn: [{Feature: ["NationalLanguage"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1811
CppName: "FI_RANDOMLOGOWNER_PERCENT_VISIBLE_CONTENT_PERCENTALE_90"
Name: "RandomLogOwnerPercentVisibleContentPerc90"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of PercentVisibleContent web factor using random log, aggregation type is
PERCENTALE_90"
DependsOn: [{Feature: ["PercentVisibleContent"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1812
CppName: "FI_RANDOMLOGOWNER_META_WEB_1241_1299_PRODUCT_INV_POS_PERCENTALE_25"
Name: "RandomLogOwnerMetaWeb1241Web1299ProductInvPosPerc25"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of MetaWeb1241Web1299ProductInvPos meta factor using random log, aggregation
type is PERCENTALE_25"
DependsOn: [{Feature: ["MetaWeb1241Web1299ProductInvPos"], Slice: "web_meta"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}

```

```
}
Factor {
Index: 1813
CppName: "FI_RANDOMLOGOWNER_LINKANN_FLOAT_MULTIPLICITY_ATTENV1_BM15_K001_LOGAVG"
Name: "RandomLogOwnerLinkAnnFloatMultiplicityAttenV1Bm15K001LogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of LinkAnnFloatMultiplicityAttenV1Bm15K001 web factor using random log,
aggregation type is LOGAVG"
DependsOn: [{"Feature": ["LinkAnnFloatMultiplicityAttenV1Bm15K001"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1814
CppName: "FI_RANDOMLOGOWNER_UB_LONG_PERIOD_URL_LEAVES_CNT_RMSE"
Name: "RandomLogOwnerUBLongPeriodLeavesCntRmse"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of UBLongPeriodLeavesCnt web factor using random log, aggregation type is RMSE"
DependsOn: [{"Feature": ["UBLongPeriodLeavesCnt"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1815
CppName: "FI_RANDOMLOGOWNER_NUM_LINKS_FROM_MP_LOGAVG"
Name: "RandomLogOwnerNumLinksFromMPLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of NumLinksFromMP web factor using random log, aggregation type is LOGAVG"
DependsOn: [{"Feature": ["NumLinksFromMP"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1816
CppName:
"FI_RANDOMLOGOWNER_DSSM_RANDOM_LOG_QUERY_AVG_DIFFERENT_INTERNAL_LINKS_PERCENTALE_25"
Name: "RandomLogOwnerDssmRandomLogQueryAvgDifferentInternalLinksPerc25"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of DssmRandomLogQueryAvgDifferentInternalLinks web factor using random log,
aggregation type is PERCENTALE_25"
UseArtifact: {Name: "DssmRandomLog", IsIndirectDependency: true}
DependsOn: [{"Feature": ["DssmRandomLogQueryAvgDifferentInternalLinks"], "Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
```

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}
Factor {
Index: 1817
CppName: "FI_RANDOMLOGOWNER_QUERY_ISORG_RMSE"
Name: "RandomLogOwnerIsOrgRmse"
Ticket: "FACTOR-1930"
Tags: [TG_DEPRECATED, TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of IsOrg web factor using random log, aggregation type is RMSE"
DependsOn: [{Feature: ["IsOrg"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1818
CppName: "FI_RANDOMLOGOWNER_QSEGMENTS_BM25_MAX"
Name: "RandomLogOwnerQSegmentsBM25Max"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of QSegmentsBM25 web factor using random log, aggregation type is MAX"
DependsOn: [{Feature: ["QSegmentsBM25"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1819
CppName: "FI_RANDOMLOGOWNER_SEGMENT_AUX_ALPHAS_IN_TEXT_RMSE"
Name: "RandomLogOwnerSegmentAuxAlphasInTextRmse"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of SegmentAuxAlphasInText web factor using random log, aggregation type is RMSE"
DependsOn: [{Feature: ["SegmentAuxAlphasInText"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1820
CppName:
"FI_RANDOMLOGOWNER_RANDOM_LOG_QUERY_DWELLTIME_WEIGHTED_AVG_URL_DOMAIN_FRACTION_LOGAVG
"
Name: "RandomLogOwnerRandomLogQueryDwelltimeWeightedAvgUrlDomainFractionLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_DEPRECATED, TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of RandomLogQueryDwelltimeWeightedAvgUrlDomainFraction web factor using
random log, aggregation type is LOGAVG"
DependsOn: [{Feature: ["RandomLogQueryDwelltimeWeightedAvgUrlDomainFraction"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]

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ImplementationTime: "2018-12-28"
}
Factor {
Index: 1821
CppName:
"FI_RANDOMLOGOWNER_RANDOM_LOG_WORD_SKIP_STOP_WORDS_MAX_IS_DESKTOP_REQUEST_LOGAVG"
Name: "RandomLogOwnerRandomLogWordSkipStopWordsMaxIsDesktopRequestLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_DEPRECATED, TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of RandomLogWordSkipStopWordsMaxIsDesktopRequest web factor using random
log, aggregation type is LOGAVG"
DependsOn: [{Feature: ["RandomLogWordSkipStopWordsMaxIsDesktopRequest"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1822
CppName: "FI_RANDOMLOGOWNER_VISITS_FROM_WIKI_RMSE"
Name: "RandomLogOwnerVisitsFromWikiRmse"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of VisitsFromWiki web factor using random log, aggregation type is RMSE"
DependsOn: [{Feature: ["VisitsFromWiki"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1823
CppName: "FI_RANDOMLOGOWNER_QUERY_IStEXT_RMSE"
Name: "RandomLogOwnerIsTextRmse"
Ticket: "FACTOR-1930"
Tags: [TG_DEPRECATED, TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG,
TG_USERFEAT, TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of IsText web factor using random log, aggregation type is RMSE"
DependsOn: [{Feature: ["IsText"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1824
CppName: "FI_RANDOMLOGOWNER_DBM_SUBSTANTIVE_MAX"
Name: "RandomLogOwnerDBMSubstantiveMax"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of DBMSubstantive web factor using random log, aggregation type is MAX"
DependsOn: [{Feature: ["DBMSubstantive"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
```



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ImplementationTime: "2018-12-28"
}
Factor {
Index: 1825
CppName: "FI_RANDOMLOGOWNER_DATER_STATS_AVERAGE_SOURCE_SEGMENT_RMSE"
Name: "RandomLogOwnerDaterStatsAverageSourceSegmentRmse"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of DaterStatsAverageSourceSegment web factor using random log, aggregation type
is RMSE"
DependsOn: [{Feature: ["DaterStatsAverageSourceSegment"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1826
CppName: "FI_RANDOMLOGOWNER_IS_MOBILE_BEAUTY_LOGAVG"
Name: "RandomLogOwnerIsMobileBeautyLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of IsMobileBeauty web factor using random log, aggregation type is LOGAVG"
DependsOn: [{Feature: ["IsMobileBeauty"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1827
CppName: "FI_RANDOMLOGOWNER_LONG_CLICK_SP_MIX_MATCH_WEIGHTED_VALUE_PERCENTALE_90"
Name: "RandomLogOwnerLongClickSPMixMatchWeightedValuePerc90"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_USERFEAT_SEARCH_DWELL_TIME,
TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of LongClickSPMixMatchWeightedValue web factor using random log, aggregation
type is PERCENTALE_90"
DependsOn: [{Feature: ["LongClickSPMixMatchWeightedValue"], Slice: "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1828
CppName: "FI_RANDOMLOGOWNER_FEM_MAS_NOUNS_PORTION_LOGAVG"
Name: "RandomLogOwnerFemAndMasNounsPortionLogAvg"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of FemAndMasNounsPortion web factor using random log, aggregation type is
LOGAVG"
DependsOn: [{Feature: ["FemAndMasNounsPortion"], Slice: "web_production"}]
```

```
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1829
CppName: "FI_RANDOMLOGOWNER_TRIGRAMS_PROB_PERCENTALE_90"
Name: "RandomLogOwnerTrigramsProbPerc90"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of TrigramsProb web factor using random log, aggregation type is PERCENTALE_90"
DependsOn: [{"Feature": "TrigramsProb"}, {"Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1830
CppName: "FI_RANDOMLOGOWNER_DATER_STATS_YEAR_NORM_LIKELIHOOD_PERCENTALE_25"
Name: "RandomLogOwnerDaterStatsYearNormLikelihoodPerc25"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of DaterStatsYearNormLikelihood web factor using random log, aggregation type is
PERCENTALE_25"
DependsOn: [{"Feature": "DaterStatsYearNormLikelihood"}, {"Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1831
CppName: "FI_RANDOMLOGOWNER_URL_PATH_AND_PARAMS_FRACTION_MAX"
Name: "RandomLogOwnerUrlPathAndParamsFractionMax"
Ticket: "FACTOR-1930"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_USER, TG_USER_SEARCH, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_90D, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/randomloghost"
Description: "Owner aggregation of UrlPathAndParamsFraction web factor using random log, aggregation type is
MAX"
DependsOn: [{"Feature": "UrlPathAndParamsFraction"}, {"Slice": "web_production"}]
Authors: ["edik"]
Responsibles: ["edik", "tarum", "niknik"]
ImplementationTime: "2018-12-28"
}
Factor {
Index: 1832
CppName: "FI_QUERY_TO_TEXT_ALL_AVG"
Name: "QueryToTextAllAvg"
DependsOn: [{"Feature": "QueryToTextAllAvg"}, {"Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1959"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_DEPRECATED]
UseArtifact: {"Name": "QueryToTextExpansions"}}
```

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Description: "Average value for the query factor according to QueryToText lingvoboosting data, calculated in the
LingBoostQueryFeatures behemoth rule"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1833
CppName: "FI_QUERY_TO_TEXT_KNN_ALL_AVG"
Name: "QueryToTextKnnAllAvg"
DependsOn: [{"Feature": ["QueryToTextKnnAllAvg"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1959"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN, TG_LINGBOOST,
TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Average value for the query factor according to lingoboosting data QueryToTextByXfDtShowKnn,
calculated in the behemoth rule LingBoostQueryFeatures"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1834
CppName: "FI_XFDT_SHOW_ALL_TOTAL_W"
Name: "XfDtShowAllTotalW"
DependsOn: [{"Feature": ["XfDtShowAllTotalW"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1959"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "sum / (sum + 10) for the query factor according to XfDtShow lingoboosting data, calculated in the
LingBoostQueryFeatures behemoth rule"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1835
CppName: "FI_XFDT_SHOW_QUANTILE_01"
Name: "XfDtShowQuantile01"
DependsOn: [{"Feature": ["XfDtShowQuantile01"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1959"
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_DEPRECATED]
UseArtifact: {Name: "XfDtExpansions"}
Description: "Quantile 0.1 for query factor according to XfDtShow lingoboosting data, calculated in
LingBoostQueryFeatures behemoth rule"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1836
CppName: "FI_XFDT_SHOW_KNN_QUANTILE_01"
Name: "XfDtShowKnnQuantile10"
DependsOn: [{"Feature": ["XfDtShowKnnQuantile10"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-1959"

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Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN, TG_LINGBOOST,
TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Quantile 0.1 for query factor according to XfDtShowKnn lingoboosting data, calculated in
LingBoostQueryFeatures behemoth rule"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1837
CppName: "FI_XFDT_SHOW_KNN_QUANTILE_09"
Name: "XfDtShowKnnQuantile09"
DependsOn: [{Feature: ["XfDtShowKnnQuantile09"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1959"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_NEURAL, TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_KNN, TG_LINGBOOST,
TG_DEPRECATED]
UseArtifact: {Name: "KnnExpansions"}
Description: "Quantile 0.9 for query factor according to XfDtShowKnn lingoboosting data, calculated in
LingBoostQueryFeatures behemoth rule"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1838
CppName: "FI_QFUF_ALL_TOTAL_WEIGHT"
Name: "QfufAllTotalWeight"
DependsOn: [{Feature: ["QfufAllTotalWeight"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1959"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_DEPRECATED]
UseArtifact: {Name: "QfufExpansions"}
Description: "sum / (sum + 10) for the query factor according to Qfuf lingoboosting data, calculated in the
LingBoostQueryFeatures behemoth rule"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1839
CppName: "FI_QFUF_ALL_AVG"
Name: "QfufAllAvg"
DependsOn: [{Feature: ["QfufAllAvg"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-1959"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/lingboost/"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_LINGBOOST, TG_DEPRECATED]
UseArtifact: {Name: "QfufExpansions"}
Description: "The average value for the query factor according to Qfuf lingoboosting data, is calculated in the
LingBoostQueryFeatures behemoth rule"
Authors: ["anrodigina", "gotmanov"]
Responsibles: ["anrodigina", "gotmanov"]
ImplementationTime: "2019-02-20"
}
Factor {
Index: 1840
```

```
CppName: "FI_IS_TASIX"
Name: "IsTasIx"
Ticket: "FACTOR-2035"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/ecosystem_factors"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_DATA_FROM_SAASKV]
Description: "The site is located in the Tas-IX network (relevant for Uzbekistan)"
Authors: ["ashagarov", "epar"]
Responsibles: ["ashagarov", "epar", "agafonov-v", "kamoksin"]
ImplementationTime: "2019-01-25"
}
Factor {
Index: 1841
CppName: "FI_DSSM_BOOSTING_SERP_SIMILARITY_HARD_KMEANS_1_SCORE"
Name: "DssmBoostingSerpSimilarityHardKMeans1Score"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Dssm Boosting Score for SerpSimilarityHard model over 1-means centroids."
UseArtifact: {Name: "BoostingSerpSimilarityDssmModel"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/dssm"
Ticket: "FACTOR-1939"
Authors: ["crossby", "edik"]
Responsibles: ["crossby"]
ImplementationTime: "2019-02-04"
}
Factor {
Index: 1842
CppName: "FI_PAGE_QUALITY_HOST"
Name: "PageQualityHost"
Ticket: "CONTENTQUALITY-189"
Authors: ["nenashevna"]
Responsibles: ["nenashevna", "hommforever"]
Description: "Page quality aggregated by host (avg)."
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_UNUSED, TG_UNIMPLEMENTED]
}
Factor {
Index: 1843
CppName: "FI_IS_RELEV_LOCALE_UZ"
Name: "IsRelevLocaleUZ"
DependsOn: [{Feature: ["IsRelevLocaleUZ"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-2049"
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/getrelevancelocale/"
Tags: [TG_BINARY, TG_DYNAMIC, TG_QUERY_ONLY, TG_LOCALIZED_COUNTRY, TG_L2, TG_DEPRECATED]
Description: "relev_locale == uz"
Authors: ["ashagarov", "epar"]
Responsibles: ["ashagarov", "epar", "agafonov-v", "kamoksin"]
ImplementationTime: "2019-02-04"
}
Factor {
Index: 1844
CppName: "FI_QUERY_DOPP_TIME_FROM_PREVIOUS_PERCENTILE_25"
Name: "QueryDoppTimeFromPreviousPercentile25"
DependsOn: [{Feature: ["QueryDoppTimeFromPreviousPercentile25"], Slice: "begemot_query_factors"}]
Ticket: "FACTOR-2074"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_USER_SEARCH, TG_L2, TG_UNDOCUMENTED, TG_DEPRECATED]
Description: "25% time quantum from the previous request before the current one. The request is normalized by doppelgangers"
Authors: "mihaild"
Responsibles: ["mihaild", "gotmanov"]
```

```
ImplementationTime: "2019-03-10"
UseArtifact: {Name: "QueryStaticFeaturesBigDict"}
}
Factor {
Index: 1845
CppName:
"FI_NEURO_TEXT_MODEL_LONG_CLICK_PREDICTOR_BY_WORD_AND_BIGRAM_COUNTERS_WITH_SS_HARDS"
Name: "NeuroTextModelLongClickPredictorByWordAndBigramCountersWithSSHards"
Ticket: "FACTOR-2031"
Tags: [TG_DOC, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_DOC_TEXT, TG_NEURAL, TG_UNDOCUMENTED,
TG_TEXT_MACHINE, TG_UNSUPPORTED, TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE,
TG_DEPRECATED, TG_REMAPPED]
Description: "The result of applying a neural model trained to distinguish long clicks from other events, the input of
the model is word and bigram counters calculated from text streams (Title, Body, Url)."
```

DependsOn: [{Feature: ["NeuroTextModelLongClickPredictorByWordAndBigramCountersWithoutTitleWithSSHards"],  
Slice: "web\_production"}]

```
UseArtifact: {Name: "DssmNeuroTextModel"}
ImplementationTime: "2019-03-10"
Authors: "edik"
Responsibles: ["edik", "ilnurkh"]
}
Factor {
Index: 1846
CppName: "FI_IS_MOBILE_BEAUTY_HOST"
Name: "IsMobileBeautyHost"
Ticket: "FACTOR-2079"
Wiki: "https://wiki.yandex-team.ru/robot/watto/MobileAdaptiveHostFactor/"
Tags: [TG_STATIC, TG_HOST, TG_UNIMPLEMENTED, TG_L2]
Description: "is this host mobile friendly"
Authors: "nadypm"
Responsibles: "nadypm"
}
Factor {
Index: 1847
CppName: "FI_QFUF_FILTERED_BY_XF_ONE_SE_ALL_MAX_F_FIELD_SET2_BM15FLOG_K0001"
Name: "QfufFilteredByXfOneSeAllMaxFFieldSet2Bm15FLogK0001"
Ticket: "FACTOR-2078"
Description: "Linguistic boosting factor. Extension type: QfufFilteredByXfOneSe (qfuf, filtered by XfOneSe dssm
model). Aggregation over all extensions. Highest factor value. Weighted pooling of streams Url, Title, Body,
CorrectedCtr, LongClick, OneClick, BrowserPageRank, SplitDwellTime, SamplePeriodDayFrc, SimpleClick, YabarVisits,
YabarTime Word weight aggregation algorithm: Bm15FLog (Bm15 aggregation of log word occurrences) Normalization
factor 0.001."
Tags: [TG_ANNOTATION_NOFILTER, TG_DOC, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_ANNOTATION_FILTER, TG_DYNAMIC, TG_USER, TG_URL_TEXT, TG_USER_SEARCH, TG_NEURAL,
TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD,
TG_USERFEAT_FIELDSET2, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "QfufExpansions"}
UseArtifact: {Name: "XfOneSeModel"}
ImplementationTime: "2019-03-07"
Authors: "mihaild"
Responsibles: ["mihaild", "gotmanov"]
}
Factor {
Index: 1848
CppName: "FI_QFUF_FILTERED_BY_XF_ONE_SE_ALL_MAX_F_FIELD_SET3_BCLM_WEIGHTED_FLOG_WO_K0001"
Name: "QfufFilteredByXfOneSeAllMaxFFieldSet3BclmWeightedFLogW0K0001"
Ticket: "FACTOR-2078"
```

Description: "Linguistic boosting factor. Extension type: QfufFilteredByXfOneSe (qfuf filtered by XfOneSe dssm model). Aggregation over all extensions. Highest value of the factor. Weighted union of Title, Body, LongClick, LongClickSP, OneClick streams. Word weight aggregation algorithm: BclmWeightedFLogW0 .Coefficient of normalization 0.001."

Tags: [TG\_ANNOTATION\_NOFILTER, TG\_DOC, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_ANNOTATION\_FILTER, TG\_DYNAMIC, TG\_USER, TG\_URL\_TEXT, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_MULTI\_PERIOD, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

UseArtifact: {Name: "QfufExpansions"}

UseArtifact: {Name: "XfOneSeModel"}

ImplementationTime: "2019-03-07"

Authors: "mihaild"

Responsibles: ["mihaild", "gotmanov"]

}

Factor {

Index: 1849

CppName: "FI\_QFUF\_FILTERED\_BY\_XF\_ONE\_SE\_ALL\_MAX\_F\_FIELD\_SET\_UT\_BM15FLOG\_W0\_K00001"

Name: "QfufFilteredByXfOneSeAllMaxFFieldSetUTBm15FLogW0K00001"

Ticket: "FACTOR-2078"

Description: "Linguistic boosting factor. Extension type: QfufFilteredByXfOneSe (qfuf filtered by XfOneSe dssm model). Aggregation over all extensions. The highest value of the factor. Counted by compositional stream, consisting of a tokenized url and document title. Word weight aggregation algorithm: Bm15FLogW0 .Coefficient of normalization 0.0001."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_DYNAMIC, TG\_USER, TG\_URL\_TEXT, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

UseArtifact: {Name: "QfufExpansions"}

UseArtifact: {Name: "XfOneSeModel"}

ImplementationTime: "2019-03-07"

Authors: "mihaild"

Responsibles: ["mihaild", "gotmanov"]

}

Factor {

Index: 1850

CppName: "FI\_QFUF\_FILTERED\_BY\_XF\_ONE\_SE\_ALL\_MAX\_F\_TITLE\_BM15\_K01"

Name: "QfufFilteredByXfOneSeAllMaxFTitleBm15K01"

Ticket: "FACTOR-2078"

Description: "Linguistic boosting factor. Extension type: QfufFilteredByXfOneSe (qfuf, filtered by XfOneSe dssm model). Aggregation over all extensions. The highest value of the factor. Calculated from the document title. Word weight aggregation algorithm: Bm15. Normalization coefficient 0.1."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_LINGBOOST, TG\_TEXT\_MACHINE, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_FORMULA\_2245\_DEP\_2, TG\_DEPRECATED]

UseArtifact: {Name: "QfufExpansions"}

UseArtifact: {Name: "XfOneSeModel"}

ImplementationTime: "2019-03-07"

Authors: "mihaild"

Responsibles: ["mihaild", "gotmanov"]

}

Factor {

Index: 1851

CppName: "FI\_QFUF\_FILTERED\_BY\_XF\_ONE\_SE\_TOP\_SUM\_WF\_SUM\_W\_FIELD\_SET2\_BM15FLOG\_K0001"

Name: "QfufFilteredByXfOneSeTopSumWFSumWFieldSet2Bm15FLogK0001"

Ticket: "FACTOR-2078"

Description: "Linguistic boosting factor. Extension type: QfufFilteredByXfOneSe (qfuf, filtered by XfOneSe dssm model). Aggregation by top 10 (by factor value) extensions. Weighted sum of factor weights. Normalized to total extension weight. Weighted union of Url streams, Title, Body, CorrectedCtr, LongClick, OneClick, BrowserPageRank, SplitDwellTime, SamplePeriodDayFrc, SimpleClick, YabarVisits, YabarTime. Word weight aggregation algorithm: Bm15FLog (Bm15 aggregation of log word occurrences). Normalization factor 0.001."

```

Tags: [TG_ANNOTATION_NOFILTER, TG_DOC, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_ANNOTATION_FILTER, TG_DYNAMIC, TG_USER, TG_URL_TEXT, TG_USER_SEARCH, TG_NEURAL,
TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE, TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD,
TG_USERFEAT_FIELDSET2, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "QfufExpansions"}
UseArtifact: {Name: "XfOneSeModel"}
ImplementationTime: "2019-03-07"
Authors: "mihaild"
Responsibles: ["mihaild", "gotmanov"]
}
Factor {
Index: 1852
CppName: "FI_QFUF_FILTERED_BY_XF_ONE_SE_TOP_SUM_WF_SUM_W_BODY_MIN_WINDOW_SIZE"
Name: "QfufFilteredByXfOneSeTopSumWFSumWBodyMinWindowSize"
Ticket: "FACTOR-2078"
Description: "Linguistic boosting factor. Extension type: QfufFilteredByXfOneSe (qfuf, filtered by XfOneSe dssm
model). Aggregation by top 10 (by factor value) extensions. Weighted sum of factor weights. Normalized by total
extension weight. Counted by document content. The minimum size of the window that includes all the words of the
query. Normalized by the number of words in the query."
Tags: [TG_DOC, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_DYNAMIC, TG_USER, TG_USER_SEARCH,
TG_NEURAL, TG_UNDOCUMENTED, TG_NN_OVER_FEATURES_USE, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
UseArtifact: {Name: "QfufExpansions"}
UseArtifact: {Name: "XfOneSeModel"}
ImplementationTime: "2019-03-07"
Authors: "mihaild"
Responsibles: ["mihaild", "gotmanov"]
}
Factor {
Index: 1853
CppName: "FI_ORIGINAL_REQUEST_WORDS_FILTERED_BY_DSSM_SS_HARD_FIELD_SET1_BM15FLOG_K0001"
Name: "OriginalRequestWordsFilteredByDssmSSHardFieldSet1Bm15FLogK0001"
Ticket: "FACTOR-2008"
Description: "Factor by filtered original request: Calculate dssm distance from wordless request to original request,
after which cut off by threshold. Weighted join of streams
Url,Title,Body,Links,CorrectedCtr,LongClick,OneClick,BrowserPageRank,SplitDwellTime,SamplePeriodDayFrc
,SimpleClick,YabarVisits,YabarTime Word weight aggregation algorithm: Bm15FLog (Bm15 aggregation of log word
occurrences) Normalization factor 0.001."
Tags: [TG_ANNOTATION_NOFILTER, TG_DOC, TG_LINK_TEXT, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE,
TG_ANNOTATION_FILTER, TG_DYNAMIC, TG_USER, TG_URL_TEXT, TG_USER_SEARCH, TG_NEURAL,
TG_UNDOCUMENTED, TG_UNIMPLEMENTED, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_MULTI_PERIOD]
Authors: ["vaninap"]
Responsibles: ["ivaninap", "ilnurkh"]
}
Factor {
Index: 1854
CppName:
"FI_ORIGINAL_REQUEST_WORDS_FILTERED_BY_DSSM_SS_HARD_FIELD_SET_UT_BM15FLOG_WO_K00001"
Name: "OriginalRequestWordsFilteredByDssmSSHardFieldSetUTBm15FLogWOK00001"
Ticket: "FACTOR-2008"
Description: "Factor by filtered original request: dssm-distance is calculated from a wordless request to the original
request, after which a cutoff occurs by a threshold. It is calculated by a composition stream consisting of a tokenized
url and a document title. Word weight aggregation algorithm: Bm15FLogWO. Normalization coefficient 0.0001."
Tags: [TG_DOC, TG_DOC_TEXT, TG_LINGBOOST, TG_TEXT_MACHINE, TG_DYNAMIC, TG_URL_TEXT, TG_NEURAL,
TG_UNDOCUMENTED, TG_UNIMPLEMENTED, TG_SAMOHOD_UNIMPLEMENTED, TG_CALLISTO_UNIMPLEMENTED]
Authors: ["vaninap"]
Responsibles: ["ivaninap", "ilnurkh"]
}

```



```
Factor {
Index: 1855
CppName: "FI_DSSM_CTR_ENG_SS_HARD"
Name: "DssmCtrEngSsHard"
Ticket: "FACTOR-1626"
Tags: [TG_DYNAMIC, TG_DOC_TEXT, TG_URL_TEXT, TG_USER, TG_USER_SEARCH, TG_NEURAL,
TG_NN_OVER_FEATURES_USE, TG_RTMODELS_SERVICE]
Description: "DSSM model trained on cross language CTRs using serp similarity hard miner."
UseArtifact: {Name: "DssmCtrEngSsHard"}
Wiki: "https://wiki.yandex-team.ru/jandeksposik/kachestvopoiska/relevance/dssm/"
ImplementationTime: "2019-03-14"
Authors: ["forlorn", "crossby"]
Responsibles: ["forlorn"]
}
Factor {
Index: 1856
CppName: "FI_REMOVED_1856"
Name: "Removed_1856"
Tags: [TG_REMOVED]
}
Factor {
Index: 1857
CppName: "FI_FRACTION_OF_PRESENTED_IN_TITLE_WORDS_WITH_WEIGHTS_BY_DSSM_SS_HARD_MODEL"
Name: "FractionOfPresentedInTitleWordsWithWeightsByDssmSSHardModel"
Ticket: "FACTOR-2008"
Description: "For all words of the query words, the weight is calculated by the query-mutation method (the distance between queries in the presence and absence of the word). The sum of the weights of the words found in the title is taken, divided by the sum of the weights of all words."
UseArtifact: {Name: "BoostingSerpSimilarityDssmModel", IsIndirectDependency: true}
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED,
TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
ImplementationTime: "2019-03-14"
Authors: ["vaninap"]
Responsibles: ["ivaninap", "ilnurkh"]
}
Factor {
Index: 1858
CppName: "FI_MAX_WEIGHT_OF_ABSENT_IN_TITLE_WORDS_WITH_WEIGHTS_BY_DSSM_SS_HARD_MODEL"
Name: "MaxWeightOfAbsentInTitleWordsWithWeightsByDssmSSHardModel"
Ticket: "FACTOR-2008"
Description: "For all words of the query words, the weight is calculated by the query-mutation method (the distance between queries in the presence and absence of the word). The maximum weight is taken among the words that are not in the document title."
UseArtifact: {Name: "BoostingSerpSimilarityDssmModel", IsIndirectDependency: true}
Tags: [TG_DOC, TG_DOC_TEXT, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_NEURAL, TG_UNDOCUMENTED,
TG_TEXT_MACHINE, TG_SAMOHOD_UNIMPLEMENTED, TG_NN_OVER_FEATURES_USE]
ImplementationTime: "2019-03-14"
Authors: ["vaninap"]
Responsibles: ["ivaninap", "ilnurkh"]
}
Factor {
Index: 1859
CppName:
"FI_NEURO_TEXT_MODEL_LONG_CLICK_PREDICTOR_BY_WORD_AND_BIGRAM_COUNTERS_WITHOUT_TITLE_WITH_S
S_HARDS"
Name: "NeuroTextModelLongClickPredictorByWordAndBigramCountersWithoutTitleWithSSHards"
Ticket: "FACTOR-2031"
```

Tags: [TG\_DOC, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_DOC\_TEXT, TG\_NEURAL, TG\_UNDOCUMENTED, TG\_TEXT\_MACHINE, TG\_UNSUPPORTED, TG\_SAMOHOD\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "The result of applying a neural model trained to distinguish long clicks from other events, the input of the model is word and bigram counters calculated from text streams (Body, Url)."  
UseArtifact: {Name: "DssmNeuroTextWithoutTitleModel"}  
ImplementationTime: "2019-03-14"  
Authors: "edik"  
Responsibles: ["edik", "ilnurkh"]  
}  
Factor {  
Index: 1860  
CppName: "FI\_REMOVED\_1860"  
Name: "Removed\_1860"  
Tags: [TG\_REMOVED]  
}  
Factor {  
Index: 1861  
CppName: "FI\_DATER\_ADDTIME\_80HOURS"  
Name: "DateAddTime80Hours"  
Group: "Datetime"  
Ticket: "FRESHNESS-3795"  
Tags: [TG\_DATE, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_FRESHNESS\_USE, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Counts as (80-x) where x is the document return in hours (continuous). Uses RobotAddTime dater data"  
Authors: ["alejes"]  
Responsibles: ["alejes", "pet67"]  
ImplementationTime: "2020-01-07"  
}  
Factor {  
Index: 1862  
CppName: "FI\_DATER\_ADDTIME\_10DAYS"  
Name: "DateAddTime10Days"  
Group: "Datetime"  
Ticket: "FRESHNESS-3795"  
Tags: [TG\_DATE, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_FRESHNESS\_USE, TG\_L2, TG\_UNIMPLEMENTED]  
Description: "Counts as (10-x) where x is the document's return in days (continuous). Uses RobotAddTime dater data"  
Authors: ["alejes"]  
Responsibles: ["alejes", "pet67"]  
}  
Factor {  
Index: 1863  
CppName: "FI\_DATER\_AGE\_10DAYS"  
Name: "DateAge10Days"  
Group: "Datetime"  
Ticket: "FRESHNESS-3795"  
Tags: [TG\_DATE, TG\_DOC, TG\_DOC\_TEXT, TG\_STATIC, TG\_FRESHNESS\_USE, TG\_L2, TG\_UNIMPLEMENTED]  
Description: "Difference between the current date and the date of the document defined by the RobotAddTime dater, 1 - the date is equal to the current date, 0 - the document is 10 days old or more, or the date is not defined"  
Authors: ["alejes"]  
Responsibles: ["alejes", "pet67"]  
}  
Factor {  
Index: 1864  
CppName: "FI\_XF\_ONE\_SE\_KNN\_ALL\_MAX\_WF\_MAX\_W\_FIELD\_SET1\_BM15FLOG\_K0001"  
Name: "XfOneSeKnnAllMaxWFMaxWFieldSet1Bm15FLogK0001"  
Ticket: "THES-361"  
Description: "Linguistic boosting factor. Extension type: XfOneSeKnn (closest by dssm model trained to predict XfDtShow extensions). Aggregation over all extensions. Largest weighted factor value. Normalized to maximum extension weight. Weighted union of streams Url,Title,Body,Links

,CorrectedCtr,LongClick,OneClick,BrowserPageRank,SplitDwellTime,SamplePeriodDayFrc,SimpleClick,YabarVisits,Yabar Time. Word weight aggregation algorithm: Bm15FLog (Bm15 aggregation of log word occurrences). Normalization factor 0.001."

Tags: [TG\_ANNOTATION\_NOFILTER, TG\_DOC, TG\_LINK\_TEXT, TG\_DOC\_TEXT, TG\_KNN, TG\_LINGBOOST, TG\_ANNOTATION\_FILTER, TG\_DYNAMIC, TG\_USER, TG\_URL\_TEXT, TG\_USER\_SEARCH, TG\_NEURAL, TG\_TEXT\_MACHINE, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]

UseArtifact: {Name: "KnnExpansions"}

ImplementationTime: "2019-05-22"

}

Factor {

Index: 1865

CppName: "FI\_XF\_ONE\_SE\_KNN\_ALL\_MAX\_WF\_MAX\_W\_ONE\_CLICK\_FULL\_MATCH\_VALUE"

Name: "XfOneSeKnnAllMaxWFMaxWOneClickFullMatchValue"

Ticket: "THES-361"

Description: "Linguistic boosting factor. Extension type: XfOneSeKnn (nearest by dssm model trained to predict XfDtShow extensions). Aggregation over all extensions. Largest weighted factor value. Normalized by maximum extension weight. TODO Algorithm: maximum weight of annotation that fully matched the query . Counted by OneClick stream."

Tags: [TG\_DOC, TG\_KNN, TG\_LINGBOOST, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_TEXT\_MACHINE, TG\_UNDOCUMENTED, TG\_CALLISTO\_UNIMPLEMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_USERFEAT\_CLICK\_MACHINE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]

UseArtifact: {Name: "KnnExpansions"}

ImplementationTime: "2019-05-22"

}

Factor {

Index: 1866

CppName: "FI\_QUERY\_TO\_TEXT\_BY\_XF\_ONE\_SE\_KNN\_TOP\_SUM\_WF\_SUM\_W\_BODY\_MIN\_WINDOW\_SIZE"

Name: "QueryToTextByXfOneSeKnnTopSumWFSumWBodyMinWindowSize"

Ticket: "THES-361"

Description: "Linguistic boosting factor. Extension type: QueryToTextByXfOneSeKnn (QueryToText extensions XfOneSeKnn extensions). Aggregation by top 10 (by factor value) extensions. Weighted sum of factor weights. Normalized to total extension weight. Calculated by document content. Minimum window size, which includes all the words of the query. Normalized to the number of words in the query."

Tags: [TG\_DOC, TG\_DOC\_TEXT, TG\_KNN, TG\_LINGBOOST, TG\_DYNAMIC, TG\_USER, TG\_USER\_SEARCH, TG\_NEURAL, TG\_TEXT\_MACHINE, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]

UseArtifact: {Name: "KnnExpansions"}

ImplementationTime: "2019-05-22"

}

Factor {

Index: 1867

CppName:

"FI\_QUERY\_TO\_TEXT\_BY\_XF\_ONE\_SE\_KNN\_ALL\_SUM\_WF\_SUM\_W\_FIELD\_SET3\_BCLM\_WEIGHTED\_FLOG\_W0\_K0001"

Name: "QueryToTextByXfOneSeKnnAllSumWFSumWFieldSet3BclmWeightedFLogW0K0001"

Ticket: "THES-361"

Description: "Linguistic boosting factor. Extension type: QueryToTextByXfOneSeKnn (QueryToText extensions XfOneSeKnn extensions). Aggregation over all extensions. Weighted sum of factor weights. Normalized to total extension weight. Weighted union of Title, Body, LongClick, LongClickSP, OneClick streams. Weight aggregation algorithm words: BclmWeightedFLogW0. Normalization factor 0.001."

Tags: [TG\_ANNOTATION\_NOFILTER, TG\_DOC, TG\_DOC\_TEXT, TG\_KNN, TG\_LINGBOOST, TG\_ANNOTATION\_FILTER, TG\_DYNAMIC, TG\_USER, TG\_URL\_TEXT, TG\_USER\_SEARCH, TG\_NEURAL, TG\_TEXT\_MACHINE, TG\_UNDOCUMENTED, TG\_NN\_OVER\_FEATURES\_USE, TG\_USERFEAT, TG\_USERFEAT\_90D, TG\_DEPRECATED, TG\_FORMULA\_2245\_DEP]

UseArtifact: {Name: "KnnExpansions"}

ImplementationTime: "2019-05-22"

}

Factor {

Index: 1868  
CppName: "FI\_IS\_INTERNATIONAL\_DOMAIN"  
Name: "IsInternationalDomain"  
Wiki: "http://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/factordev/web/factors/DomainZone"  
Ticket: "BUKI-2846"  
Tags: [TG\_HOST, TG\_STATIC, TG\_URL\_TEXT, TG\_BINARY, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Domain in the international zone"  
Authors: "alejes"  
Responsibles: ["alejes", "olegator"]  
ImplementationTime: "2019-05-30"  
}  
Factor {  
Index: 1869  
CppName: "FI\_IS\_MEMORANDUM\_QUERY"  
Name: "IsMemorandumQuery"  
DependsOn: [{"Feature": ["IsMemorandumQuery"], "Slice": "begemot\_query\_factors"}]  
Ticket: "BEGEMOT-1720 SEARCHSPAM-14207"  
Tags: [TG\_UNIMPLEMENTED, TG\_UNUSED, TG\_QUERY\_ONLY, TG\_BINARY, TG\_OFTEN\_ZERO, TG\_L2, TG\_DEPRECATED]  
Description: "The request was recognized as having an intent for copyrighted items protected by an anti-piracy memorandum."  
Authors: "ilnurkh"  
Responsibles: ["ilnurkh", "bikulov"]  
# ImplementationTime: "2019-04-25"  
}  
Factor {  
Index: 1870  
CppName: "FI\_HOST\_VIDEO\_STEVENSON"  
Name: "HostVideoStevenson"  
Ticket: "SEARCHSPAM-14212"  
Tags: [TG\_UNIMPLEMENTED, TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_L2]  
Description: "The host contains pirated videos protected by an anti-piracy memorandum."  
Authors: "shagarov"  
Responsibles: ["ashagarov", "ulyanov"]  
# ImplementationTime: "2019-04-25"  
}  
Factor {  
Index: 1871  
CppName: "FI\_HOST\_VIDEO\_DISTRIBUTOR"  
Name: "HostVideoDistributor"  
Ticket: "SEARCHSPAM-14212"  
Tags: [TG\_HOST, TG\_STATIC, TG\_OFTEN\_ZERO, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "host contains videos protected by anti-piracy memorandum."  
Authors: "shagarov"  
Responsibles: ["ashagarov", "ulyanov"]  
ImplementationTime: "2019-04-25"  
}  
Factor {  
Index: 1872  
CppName: "FI\_FRESH\_HOST\_AVG\_30DAYS\_SURPLUS"  
Name: "FreshHostAvg30DaysSurplus"  
Ticket: "FORMULA-1639"  
Tags: [TG\_STATIC, TG\_DOWNNER, TG\_USER, TG\_USER\_SEARCH, TG\_L2, TG\_NOT\_01, TG\_NN\_OVER\_FEATURES\_USE, TG\_NOT\_01]  
Description: "Average host freshness surplus over 30 days"  
Authors: "alejes"  
Responsibles: ["alejes", "olegator"]  
ImplementationTime: "2019-06-20"

```
MaxValue: 5.0
MinValue: -5.0
}
Factor {
Index: 1873
CppName: "FI_FRESH_HOST_30DAYS_POSITIVE_SURPLUS_RATE"
Name: "FreshHost30DaysPositiveSurplusRate"
Ticket: "FORMULA-1639"
Tags: [TG_STATIC, TG_DOWNER, TG_USER, TG_USER_SEARCH, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Proportion of documents with a positive freshness surplus from the host in 30 days"
Authors: "alejes"
Responsibles: ["alejes", "olegator"]
ImplementationTime: "2019-06-20"
}
Factor {
Index: 1874
CppName: "FI_HOST_STEVENSON_BINARY"
Name: "HostStevensonBinary"
Ticket: "SEARCHSPAM-14207"
Tags: [TG_UNIMPLEMENTED, TG_HOST, TG_STATIC, TG OftEN_ZERO, TG_L2]
Description: "Stevenson"
Authors: "shagarov"
Responsibles: ["ashgarov"]
# ImplementationTime: "2019-05-17"
}
Factor {
Index: 1875
CppName: "FI_HOST_STEVENSON_URLS_PER_CLICKS"
Name: "HostStevensonUrlsPerClicks"
Ticket: "SEARCHSPAM-14207"
Tags: [TG_UNIMPLEMENTED, TG_HOST, TG_STATIC, TG OftEN_ZERO, TG_L2]
Description: "Stevenson"
Authors: "shagarov"
Responsibles: ["ashgarov"]
# ImplementationTime: "2019-05-17"
}
Factor {
Index: 1876
CppName: "FI_HOST_STEVENSON_URLS_PER_SHOWS"
Name: "HostStevensonUrlsPerShows"
Ticket: "SEARCHSPAM-14207"
Tags: [TG_UNIMPLEMENTED, TG_HOST, TG_STATIC, TG OftEN_ZERO, TG_L2]
Description: "Stevenson"
Authors: "shagarov"
Responsibles: ["ashgarov"]
# ImplementationTime: "2019-05-17"
}
Factor {
Index: 1877
CppName: "FI_HOST_STEVENSON_URLS_PER_SHOWS10"
Name: "HostStevensonUrlsPerShows10"
Ticket: "SEARCHSPAM-14207"
Tags: [TG_UNIMPLEMENTED, TG_HOST, TG_STATIC, TG OftEN_ZERO, TG_L2]
Description: "Stevenson"
Authors: "shagarov"
Responsibles: ["ashgarov"]
# ImplementationTime: "2019-05-17"
}
```

```
Factor {
Index: 1878
CppName: "FI_HOST_STEVENSON_WEIGHT"
Name: "StevensonWeight"
Ticket: "SEARCHSPAM-14207"
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Stevenson"
Authors: "shagarov"
Responsibles: ["ashgarov"]
ImplementationTime: "2019-05-17"
}
Factor {
Index: 1879
CppName: "FI_VIDEO_INTENDANCE_PREDICT"
Name: "VideoIntendancePredict"
DependsOn: [{"Feature": ["VideoIntendancePredict"], "Slice": "begemot_query_factors"}]
Ticket: "SEARCHSPAM-14207 FACTOR-2144"
Tags: [TG_UNIMPLEMENTED, TG_UNUSED, TG_DEPRECATED, TG_QUERY_ONLY, TG_L2]
Description: "Renormalized markup classifier ethos predictor for video relevance."
Authors: "ilnurkh"
Responsibles: ["ilnurkh"]
}
Factor {
Index: 1880
CppName: "FI_PIRACY_PREDICT"
Name: "PiracyPredict"
DependsOn: [{"Feature": ["PiracyPredict"], "Slice": "begemot_query_factors"}]
Ticket: "SEARCHSPAM-14207 FACTOR-2144"
Tags: [TG_UNIMPLEMENTED, TG_UNUSED, TG_DEPRECATED, TG_QUERY_ONLY, TG_L2]
Description: "Renormalized ethos predictor of a classifier trained on the synthetic sample 'query specific to a pirate site' vs 'query specific to a site far from it'"
Authors: "ilnurkh"
Responsibles: ["ilnurkh"]
}
Factor {
Index: 1881
CppName: "FI_FREE_SLOT_1881"
Name: "FREE_SLOT_1881"
Tags: [TG_UNIMPLEMENTED, TG_UNUSED, TG_REMOVED]
Description: "this slot has never had a non-zero feature"
}
Factor {
Index: 1882
CppName: "FI_STEVENSON_DSSM_PREDICTOR"
Name: "StevensonDssmPredictor"
DependsOn: [{"Feature": ["StevensonDssmPredictor"], "Slice": "begemot_query_factors"}]
Ticket: "SEARCHSPAM-14207 FACTOR-2144"
Tags: [TG_UNIMPLEMENTED, TG_UNUSED, TG_DEPRECATED, TG_QUERY_ONLY, TG_L2]
Description: "Regression on dssm embeds to separate memo and no requests"
Authors: "ilnurkh"
Responsibles: ["ilnurkh"]
}
Factor {
Index: 1883
CppName: "FI_MEMORANDUM_PREDICT"
Name: "MemorandumPredict"
DependsOn: [{"Feature": ["MemorandumPredict"], "Slice": "begemot_query_factors"}]
Ticket: "SEARCHSPAM-14207 FACTOR-2144"
}
```

```
Tags: [TG_UNIMPLEMENTED, TG_UNUSED, TG_DEPRECATED, TG_QUERY_ONLY, TG_L2]
Description: "Renormalized ethos predictor of a classifier trained to distinguish between memorandum and random requests"
Authors: "ilnurkh"
Responsibles: ["ilnurkh"]
}
Factor {
Index: 1884
CppName: "FI_PIRACY_PREDICT_DSSM"
Name: "PiracyPredictDssm"
DependsOn: [{"Feature": ["PiracyPredictDssm"], "Slice": "begemot_query_factors"}]
Ticket: "SEARCHSPAM-14207 FACTOR-2144"
Tags: [TG_UNIMPLEMENTED, TG_UNUSED, TG_DEPRECATED, TG_QUERY_ONLY, TG_L2]
Description: "Regression on dssm embeds to separate pirate specific and no requests"
Authors: "mihaild"
Responsibles: ["ilnurkh"]
}
Factor {
Index: 1885
CppName: "FI_REFORMULATIONS_LONGEST_CLICK_LOG_DT"
Name: "ReformulationsLongestClickLogDt"
Ticket: "FACTOR-2110"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL, TG_NN_OVER_FEATURES_USE, TG_RTMODELS_SERVICE]
Description: "DSSM model that predicts the logarithm of the longest click on the sickle. As negative examples, we select urls from past requests of the same user, and the maximum time between requests is no more than 7 minutes (superhards by reformulations)"
UseArtifact: {"Name": "DssmReformulations"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/NS-trainede-napereformulirovkax"
Authors: "edik"
Responsibles: "edik"
ImplementationTime: "2019-06-11"
}
Factor {
Index: 1886
CppName: "FI_DOC_FROM_QUICK"
Name: "DocFromQuick"
Tags: [TG_STATIC, TG_BINARY, TG_L2, TG_UNUSED]
Description: "Document came from Quick but not from QuickRt"
Ticket: "BUKI-2883"
Authors: "alejes"
Responsibles: "alejes"
ImplementationTime: "2019-06-20"
}
Factor {
Index: 1887
CppName: "FI_DOC_FROM_QUICK_RT"
Name: "DocFromQuickRt"
Tags: [TG_STATIC, TG_BINARY, TG_L2, TG_UNUSED]
Description: "Document came from QuickRt"
Ticket: "BUKI-2883"
Authors: "alejes"
Responsibles: "alejes"
ImplementationTime: "2019-06-20"
}
Factor {
Index: 1888
```

```
CppName: "FI_DOC_FROM_CALLISTO"
Name: "DocFromCallisto"
Tags: [TG_STATIC, TG_BINARY, TG_L2, TG_UNUSED]
Description: "Document came from Callisto"
Ticket: "BUKI-2883"
Authors: "alejes"
Responsibles: "alejes"
ImplementationTime: "2019-06-20"
}
Factor {
Index: 1889
CppName: "FI_LEGAL_PLAYERS"
Name: "LegalPlayers"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Feature LegalPlayers from VideoIndex"
Ticket: "SEARCHSPAM-14333"
Authors: "bikulov"
Responsibles: ["ashagarov", "bikulov"]
ImplementationTime: "2019-08-19"
}
Factor {
Index: 1890
CppName: "FI_SOCIAL_NETWORKS_PLAYERS"
Name: "Social Network Players"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Feature SocialNetworksPlayers from VideoIndex"
Ticket: "SEARCHSPAM-14333"
Authors: "bikulov"
Responsibles: ["ashagarov", "bikulov"]
ImplementationTime: "2019-08-19"
}
Factor {
Index: 1891
CppName: "FI_STEVENSON_PLAYERS"
Name: "StevensonPlayers"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Feature StevensonPlayers from VideoIndex"
Ticket: "SEARCHSPAM-14333"
Authors: "bikulov"
Responsibles: ["ashagarov", "bikulov"]
ImplementationTime: "2019-08-19"
}
Factor {
Index: 1892
CppName: "FI_REFORMULATIONS_LONGEST_CLICK_LOG_DT_EARLY_BINDING_DSSM"
Name: "ReformulationsLongestClickLogDtEarlyBindingDssm"
Ticket: "FACTOR-2173"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_UNSUPPORTED, TG_NN_OVER_FEATURES_USE, TG_RTMODELS_SERVICE]
Description: "An early binding DSSM model trained on reformulations that predicts the logarithm of the longest click
on a sickle."
UseArtifact: {Name: "DssmReformulationsEarlyBinding"}
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/NS-trainede-na-
pereformulirovkax"
Authors: ["edik", "kpolitay"]
Responsibles: "kpolitay"
ImplementationTime: "2019-07-26"
}
```



Factor {  
Index: 1893  
CppName: "FI\_HAS\_NEWS\_AGENCY\_RATING"  
Name: "HasNewsAgencyRating"  
Group: "RegHostStatic"  
Tags: [TG\_STATIC, TG\_HOST, TG\_L2, TG\_NN\_OVER\_FEATURES\_USE]  
Description: "Rating of news agency from agencies.json > 0 (Yandex.News resource)"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/factordev/web/factors/NewsAgencyRating/"  
Ticket: "WEBFRESH-13"  
Authors: "alejes"  
Responsibles: "alejes"  
ImplementationTime: "2019-09-11"  
}

Factor {  
Index: 1894  
CppName: "FI\_WEEKDAY\_QUERY\_PROBABILITY"  
Name: "WeekdayQueryProbability"  
Ticket: "FACTOR-2180"  
Tags: [TG\_DYNAMIC, TG\_QUERY\_ONLY, TG\_USER, TG\_DATE, TG\_NN\_OVER\_FEATURES\_USE, TG\_DEPRECATED]  
Description: "Weekday query probability"  
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/WeekdayQueryProbability/"  
Authors: ["arrin", "volverine"]  
Responsibles: ["arrin", "volverine"]  
ImplementationTime: "2019-09-15"  
}

Factor {  
Index: 1895  
CppName: "FI\_HOST\_BIZ\_KERNEL\_PERCENTILE"  
Name: "HostBizKernelPercentile"  
Ticket: "SEARCHSPAM-14593"  
Wiki: "https://wiki.yandex-team.ru/JandeksPoisk/Antispam/biz-kernel-basic-description/"  
Tags: [TG\_USER, TG\_HOST, TG\_STATIC, TG\_L2, TG\_UNUSED]  
Description: "A measure of site quality in terms of user behavior factors, aggregated to owners."  
Authors: ["ashagarov"]  
Responsibles: ["ashagarov", "sdormidontov"]  
ImplementationTime: "2019-08-28"  
}

Factor {  
Index: 1896  
CppName: "FI\_HIT\_CONTEXTS\_DSSM"  
Name: "HitContextsDssm"  
Ticket: "FACTOR-2104"  
Tags: [TG\_DYNAMIC, TG\_DOC, TG\_DOC\_TEXT, TG\_NEURAL, TG\_USE\_MARKUP, TG\_ALL\_RELEVANCE\_MARKUP]  
Description: "Neural network value for contexts of query hits in document text. Predicts relevance-all-8-years. Uses formula ussr-dump-20190719 prs-20190720 all-8-years [t > 0.25] CrossEntropy 20k 0.25 -S 0.8 -Z 1 predictions for learning."  
UseArtifact: {Name: "DssmHitContexts"}  
Authors: ["padese", "grechnik"]  
Responsibles: ["padese", "grechnik"]  
ImplementationTime: "2020-01-28"  
}

Factor {  
Index: 1897  
CppName: "FI\_ANTISPAM\_BAN"  
Name: "AntispamBan"  
Tags: [TG\_DOC, TG\_STATIC, TG\_UNUSED, TG\_L2, TG\_UNIMPLEMENTED]  
Description: "Bans of Antispam from erf"

```
Ticket: "SEARCHSPAM-14322"
Authors: "ulyanov"
Responsibles: ["ashagarov", "ulyanov"]
}
Factor {
Index: 1898
CppName: "FI_DSSM_REFORMULATIONS_WITH_EXTENSIONS"
Name: "DssmReformulationsWithExtensions"
Ticket: "FACTOR-2187"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_UNSUPPORTED, TG_LINGBOOST, TG_NN_OVER_FEATURES_USE, TG_RTMODELS_SERVICE]
UseArtifact: {Name: "XfDtExpansions", IsIndirectDependency: true}
UseArtifact: {Name: "DssmReformulationsWithExtensions"}
Description: "DSSM model trained on the reformulation pool, which in the query part, in addition to the query itself,
receives 4 XfDt extensions with the highest weight"
Authors: "vaninap"
Responsibles: "ivaninap"
ImplementationTime: "2019-09-06"
}
Factor {
Index: 1899
CppName: "FI_RANDOM_LOG_HOST_TOP_CLICKED_URLS_IS_MOBILE_REQUEST_LOGAVG"
Name: "RandomLogHostTopClickedUrlsIsMobileRequestLogAvg"
Ticket: "FACTOR-1777"
Tags: [TG_DOC, TG_STATIC, TG_L2, TG_USER_SEARCH, TG_RANDOM_LOG, TG_UNSUPPORTED, TG_UNIMPLEMENTED,
TG_USERFEAT, TG_USERFEAT_90D, TG_FORMULA_2245_DEP_2, TG_DEPRECATED]
Description: "Aggregated by urls closest to the host LogAvg statistics of the IsMobileRequest factor"
DependsOn: [{Feature: ["IsMobileRequest"], Slice: "web_production"}]
Authors: ["edik", "rmpilstiltskin"]
Responsibles: "rmpilstiltskin"
}
Factor {
Index: 1900
CppName:
"FI_RANDOM_LOG_HOST_TOP_CLICKED_URLS_NANOBTANIUM_QUERY_WORD_TITLE_5N_DIST2MAXX_MAX_IS_MO
BILE_REQUEST_LOGAVG"
Name: "RandomLogHostTopClickedUrlsNanobtaniumQueryWordTitle5nDist2maxXMaxIsMobileRequestLogAvg"
Ticket: "FACTOR-1777"
Tags: [TG_DEPRECATED, TG_DOC, TG_STATIC, TG_L2, TG_USER_SEARCH, TG_RANDOM_LOG, TG_UNSUPPORTED,
TG_UNIMPLEMENTED, TG_USERFEAT, TG_USERFEAT_90D]
Description: "NanobtaniumQueryWordTitle5nDist2maxXMax LogAvg factor aggregated by URLs closest to the host"
# DependsOn: [{Feature: ["NanobtaniumQueryWordTitle5nDist2maxXMaxIsMobileRequest"], Slice: "web_meta"}]
Authors: ["edik", "rmpilstiltskin"]
Responsibles: "rmpilstiltskin"
}
Factor {
Index: 1901
CppName: "FI_ANTISPAM_BAN_GSM"
Name: "AntispamBanGsm"
Tags: [TG_DOC, TG_STATIC, TG_UNUSED, TG_L2, TG_UNIMPLEMENTED]
Description: "Bans on gsm of Antispam from erf"
Ticket: "SEARCHSPAM-14322"
Authors: "ulyanov"
Responsibles: ["ashagarov", "ulyanov"]
}
Factor {
Index: 1902
CppName: "FI_ANTISPAM_BAN_FRESH"
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Name: "AntispamBanFresh"
Tags: [TG_DOC, TG_STATIC, TG_UNUSED, TG_L2, TG_UNIMPLEMENTED]
Description: "Bans on fresh of Antispam from erf"
Ticket: "SEARCHSPAM-14322"
Authors: "ulyanov"
Responsibles: ["ashagarov", "ulyanov"]
}
Factor {
Index: 1903
CppName: "FI_RANDOM_LOG_QUERY_AVG_IS_BLOG"
Name: "RandomLogQueryAvgIsBlog"
DependsOn: [{"Feature": ["RandomLogQueryAvgIsBlog"], "Slice": "begemot_query_factors"}]
Ticket: "FACTOR-2216"
Tags: [TG_QUERY_ONLY, TG_DYNAMIC, TG_USER, TG_USER_SEARCH, TG_L2, TG_RANDOM_LOG, TG_USERFEAT,
TG_USERFEAT_365D, TG_DEPRECATED]
Description: "Average of IsBlog per request per year. Calculated offline."
DependsOn: [{"Feature": ["IsBlog"], "Slice": "web_production"}]
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/factordev/web/factors/RandomLogMeta/"
Authors: "forlorn"
Responsibles: ["forlorn", "ptanusha"]
ImplementationTime: "2019-10-25"
}
Factor {
Index: 1904
CppName: "FI_HAS_TURBO_MOBILE"
Name: "HasTurboMobile"
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV]
Description: "The document has a turbo page for the mobile platform. Updates on top of the base are delivered via
saas."
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/HasTurbo-ByPlatform/"
Ticket: "SEARCHSPAM-14754"
Authors: ["tyamgin"]
Responsibles: ["tyamgin", "ashagarov", "sneg"]
ImplementationTime: "2019-11-08"
}
Factor {
Index: 1905
CppName: "FI_HAS_TURBO_DESKTOP"
Name: "HasTurboDesktop"
Tags: [TG_DOC, TG_STATIC, TG_BINARY, TG_OFTEN_ZERO, TG_META_OVERWRITE, TG_UNUSED,
TG_DATA_FROM_SAASKV]
Description: "The document has a turbo page for the desktop platform. Updates on top of the base are delivered via
saas."
Wiki: "https://wiki.yandex-team.ru/jandekspois/kachestvopoiska/relevance/web/factors/HasTurbo-ByPlatform/"
Ticket: "SEARCHSPAM-14754"
Authors: ["tyamgin"]
Responsibles: ["tyamgin", "ashagarov", "sneg"]
ImplementationTime: "2019-11-08"
}
Factor {
Index: 1906
CppName: "FI_DSSM_FORMULA_8YEARS_CE25_PREDICTION"
Name: "DssmFomula8YearsCe25Prediction"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_UNIMPLEMENTED, TG_USE_MARKUP, TG_ALL_RELEVANCE_MARKUP, TG_RTMODELS_SERVICE]
Description: "Model trained on score prediction ussr-dump-20190719 prs-20190720 all-8-years [t > 0.25] CrossEntropy
20k 0.25 -S 0.8 -Z 1."
```

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Ticket: "FACTOR-2214"
Authors: ["kpolitay"]
Responsibles: ["kpolitay"]
}
Factor {
Index: 1907
CppName: "FI_REMOVED_1907"
Name: "Removed_1907"
Tags: [TG_REMOVED]
}
Factor {
Index: 1908
CppName: "FI_RANDOM_COMMERCIAL"
Name: "RandomCommercial"
Tags: [TG_OWNER, TG_STATIC, TG_OFTEN_ZERO, TG_META, TG_DATA_FROM_SAASKV, TG_UNUSED, TG_NOT_01]
Description: "The 'random' factor for commercial sites."
Wiki: "https://wiki.yandex-team.ru/jandekspoisik/kachestvopoiska/relevance/web/factors/RandComm/"
Ticket: "SEARCHSPAM-14815"
Authors: ["tyamgin"]
Responsibles: ["tyamgin", "ashagarov", "sdormidontov"]
ImplementationTime: "2020-03-11"
MinValue: -1.0
}
Factor {
Index: 1909
CppName: "FI_UNEXPECTED_TRASH_URL_QUALITY_FRESH"
Name: "UnexpectedTrashUrlQualityFresh"
Ticket: "FACTOR-2476"
Authors: ["anrodigina"]
Responsibles: ["hommforever", "anrodigina"]
Description: "Neural document model for finding unexpected tin (for exps)"
Tags: [TG_NEURAL, TG_DYNAMIC, TG_NOT_01, TG_URL_TEXT, TG_DOC, TG_DOC_TEXT, TG_UNIMPLEMENTED, TG_UNUSED, TG_REARR_USE]
MinValue: -10
MaxValue: 10
}
Factor {
Index: 1910
CppName: "FI_REQUEST_MULTITOKENS_ALL_MAX_F_URL_BCLM_MIX_PLAIN_KE5"
Name: "RequestMultitokensAllMaxFUrlBclmMixPlainKE5"
Tags: [TG_UNDOCUMENTED, TG_UNIMPLEMENTED, TG_DYNAMIC, TG_DOC, TG_URL_TEXT, TG_TEXT_MACHINE]
Description: "Features calculated on url with request multitokens expansion"
Ticket: "FACTOR-2198"
Authors: "barukhov"
Responsibles: ["barukhov", "gotmanov"]
}
Factor {
Index: 1911
CppName: "FI_REQUEST_MULTITOKENS_ALL_SUM_W2_F_SUM_W_URL_EXACT_QUERY_MATCH_AVG_VALUE"
Name: "RequestMultitokensAllSumW2FSumWUrlExactQueryMatchAvgValue"
Tags: [TG_UNDOCUMENTED, TG_UNIMPLEMENTED, TG_DYNAMIC, TG_DOC, TG_URL_TEXT, TG_TEXT_MACHINE]
Description: "Features calculated on url with request multitokens expansion"
Ticket: "FACTOR-2198"
Authors: "barukhov"
Responsibles: ["barukhov", "gotmanov"]
}
Factor {
Index: 1912
```

```
CppName: "FI_DSSM_FORMULA_8YEARS_CE25_PREDICTION_RATINGS"
Name: "DssmFomula8YearsCe25PredictionRatings"
Tags: [TG_DYNAMIC, TG_DOC, TG_USER, TG_USER_SEARCH, TG_URL_TEXT, TG_DOC_TEXT, TG_NEURAL,
TG_USE_MARKUP, TG_ALL_RELEVANCE_MARKUP, TG_RTMODELS_SERVICE]
Description: "Model trained on score prediction with ussr-dump-20190719 prs-20190720 all-8-years [t > 0.25]
CrossEntropy 20k 0.25 -S 0.8 -Z 1 and retrained on relevance scores."
UseArtifact: {Name: "DssmFomula8YearsCe25Prediction"}
Ticket: "FACTOR-2214"
Authors: ["kpolitay"]
Responsibles: ["kpolitay"]
ImplementationTime: "2019-12-10"
}
Factor {
Index: 1913
CppName: "FI_QUERIES_RATIO_MORDA_2"
Name: "QueriesRatioMorda2"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Proportion of queries that showed the face of the owner, among all queries that showed the owner in
the last week."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/mascot-trafgraph-factors/"
Ticket: ["FACTOR-2229", "SEARCHSPAM-14934"]
Authors: "shagarov"
Responsibles: ["ashagarov", "ultm8", "sdormidontov"]
ImplementationTime: "2020-02-20"
}
Factor {
Index: 1914
CppName: "SERP_CLICKS_BY_HOP_PART_0_30"
Name: "SerpClicksByHopPart_0_30"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Percentage of hits from a sickle of documents that are at 0 hops. Over 30 days."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/mascot-trafgraph-factors/"
Ticket: ["FACTOR-2229", "SEARCHSPAM-14934"]
Authors: "shagarov"
Responsibles: ["ashagarov", "ultm8", "sdormidontov"]
ImplementationTime: "2020-02-20"
}
Factor {
Index: 1915
CppName: "QUERIES_AVG_TOP"
Name: "QueriesAvgTop"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Average owner position for queries over the past week."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/mascot-trafgraph-factors/"
Ticket: ["FACTOR-2229", "SEARCHSPAM-14934"]
Authors: "shagarov"
Responsibles: ["ashagarov", "ultm8", "sdormidontov"]
ImplementationTime: "2020-02-20"
}
Factor {
Index: 1916
CppName: "TRAFGRAPH_MOBILE_DESKTOP_SE_SHARE"
Name: "TrafgraphMobileDesktopSE_share"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Ratio of mobile to desktop traffic from search engines."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/mascot-trafgraph-factors/"
Ticket: ["FACTOR-2229", "SEARCHSPAM-14934"]
Authors: "shagarov"
```

```
Responsibles: ["ashagarov", "ultm8", "sdormidontov"]
ImplementationTime: "2020-02-20"
}
Factor {
Index: 1917
CppName: "TRAFGRAPH_MOBILE_DESKTOP_OUT_ALL_SHARE"
Name: "TrafgraphMobileDesktopOutAll_share"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The ratio of mobile to desktop across all outbound traffic."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/mascot-trafgraph-factors/"
Ticket: ["FACTOR-2229", "SEARCHSPAM-14934"]
Authors: "shagarov"
Responsibles: ["ashagarov", "ultm8", "sdormidontov"]
ImplementationTime: "2020-02-20"
}
Factor {
Index: 1918
CppName: "AVG_IS_ORG"
Name: "AvgIsOrg"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Average of the isorg request factor for requests with this owner over the past week."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/mascot-trafgraph-factors/"
Ticket: ["FACTOR-2229", "SEARCHSPAM-14934"]
Authors: "shagarov"
Responsibles: ["ashagarov", "ultm8", "sdormidontov"]
ImplementationTime: "2020-02-20"
}
Factor {
Index: 1919
CppName: "AVG_QS_F_PUNCT_BLANKS_RAT"
Name: "AvgQsFPunctBlanksRat"
Tags: [TG_OWNER, TG_STATIC, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "The average ratio of punctuation to all delimiters in the owner's documents."
Wiki: "https://wiki.yandex-team.ru/jandekspoisk/kachestvopoiska/relevance/web/factors/mascot-trafgraph-factors/"
Ticket: ["FACTOR-2229", "SEARCHSPAM-14934"]
Authors: "shagarov"
Responsibles: ["ashagarov", "ultm8", "sdormidontov"]
ImplementationTime: "2020-02-20"
}
Factor {
Index: 1920
CppName: "FI_FRESH_DETECTOR_PREDICT"
Name: "FreshDetectorPredict"
Ticket: "WEBFRESH-478"
Tags: [TG_DYNAMIC, TG_QUERY_ONLY, TG_USER, TG_FRESHNESS_USE, TG_L2, TG_QUERY_DETECTOR_PREDICT,
TG_UNUSED, TG_UNIMPLEMENTED]
Description: "The value of the freshness detector calculated in the behemoth. Always 0 if the detector value is less
than the threshold."
Authors: ["alejes", "hygge"]
Responsibles: ["alejes", "hygge"]
}
Factor {
Index: 1921
CppName: "FI_HOST_VIDEO_DISTRIBUTOR_PROD"
Name: "HostVideoDistributorProd"
Ticket: "SEARCHSPAM-15473"
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "host contains videos protected by anti-piracy memorandum."
```

```
Authors: "burmisha"
Responsibles: ["burmisha", "bikulov"]
ImplementationTime: "2020-08-06"
}
Factor {
Index: 1922
CppName: "FI_HOST_MEMORANDUM_WEIGHT"
Name: "HostMemorandumWeight"
Ticket: "SEARCHSPAM-15473"
Tags: [TG_HOST, TG_STATIC, TG_OFTEN_ZERO, TG_L2, TG_NN_OVER_FEATURES_USE]
Description: "Stevenson"
Authors: "burmisha"
Responsibles: ["burmisha", "bikulov"]
ImplementationTime: "2020-08-06"
}
##### WARNING
##### Adding new feature-slots in this file is temprory prohibited
##### Please use existing slots marked via TG_REUSABLE
}## Slice "web_production"
```