HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Date	Language
kir_Cyrl.jsonl.tsv	9/22/2024	Kyrgyz (ky)

Volumes

Docs	Segments	Unique segments	Tokens	Characters	Size
676,111	10,041,028	6,263,608 (62.38 %)	312M	1,916,124,485	3.27 GB

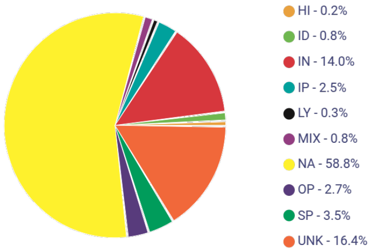
Top 10 domains

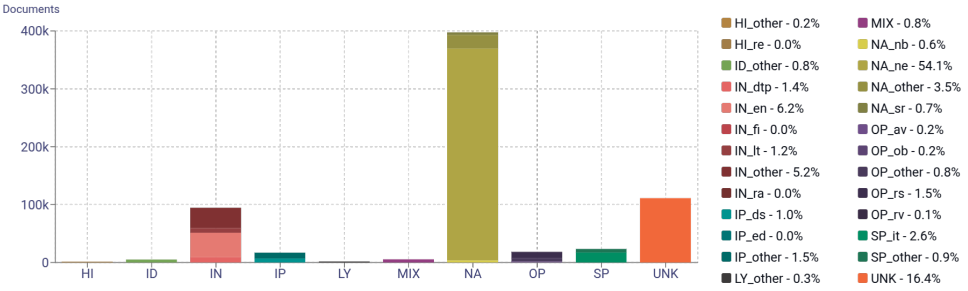
Domain	Docs	% of total
azattyk.org	201K	29.69%
wikipedia.org	54K	7.92%
turmush.kg	22K	3.19%
sputnik.kg	12K	1.71%
kyrgyztoday.org	10K	1.48%
kabar.kg	9K	1.34%
tyup.net	7.2K	1.07%
bagyt.kg	6.6K	0.98%
ykt.ru	6.6K	0.97%
centralasian.org	6.2K	0.91%

Top 10 TLDs

Domain	Docs	% of total
org	293K	43.29%
kg	215K	31.77%
com	54K	7.93%
ru	45K	6.59%
net	9.9K	1.46%
gov.kg	8.6K	1.27%
media	6.2K	0.92%
asia	5.4K	0.79%
info	5.3K	0.78%
news	4.1K	0.61%

Register labels

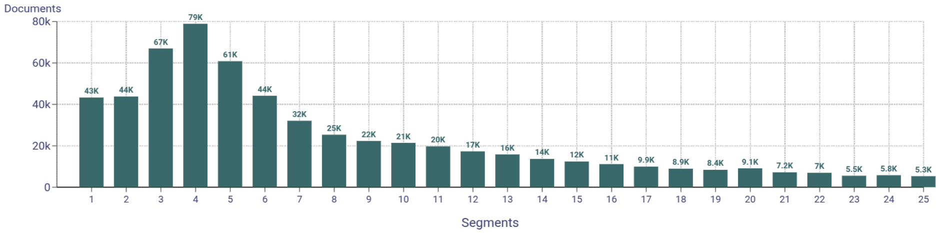




MT:10.9% | 73K Documents

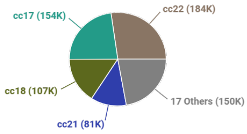
Documents size (in segments)

<= 25 segments **88.18%** (596K documents)
> 25 segments **11.82%** (80K documents)



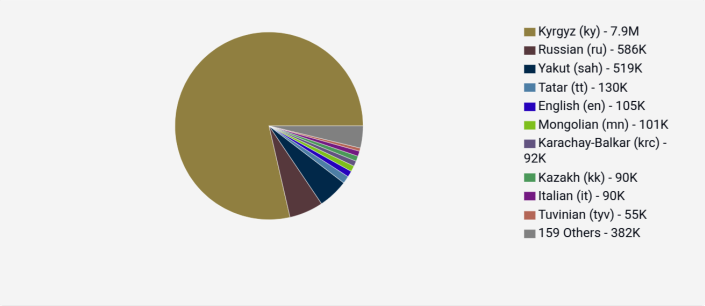
Documents by collection

CC = 82.04%
IA = 17.96%

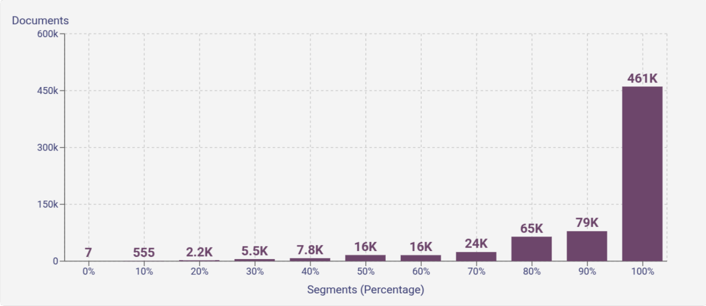


Language Distribution

Number of segments in the Kyrgyz (ky) corpus

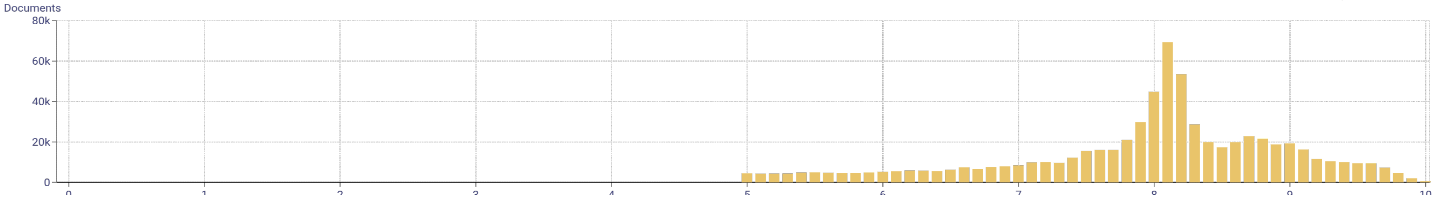


Percentage of segments in Kyrgyz (ky) inside documents



Distribution of documents by document score

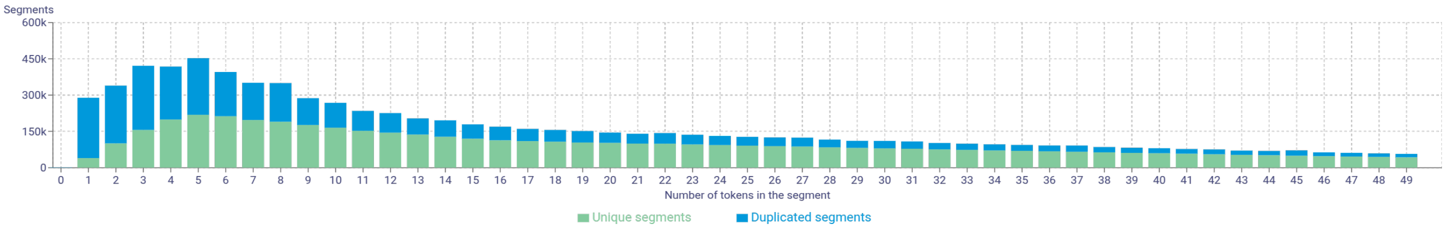
score < 5 - **0%** (0 documents)
score >= 5 - **100%** (676K documents)



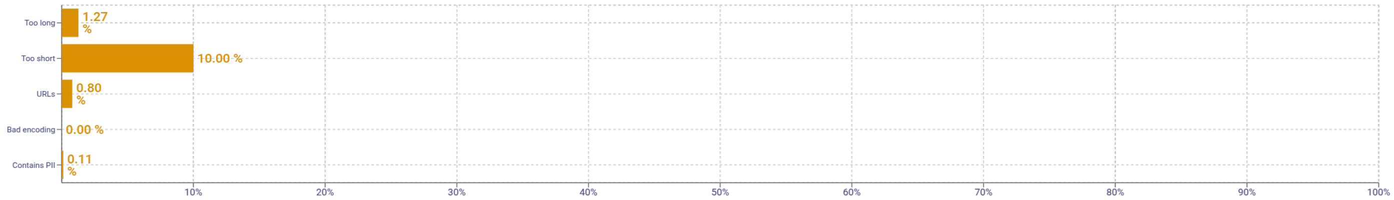
Segment length distribution by token

≤ 49 tokens = **4.9M** segments | **3.3M** duplicates

> 50 tokens = **1.8M** segments | **496K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	жылы | 356235 иш | 344897 а | 340362 республикасынын | 333084 жөнүндө | 329113
2	билим берүү | 90359 орун басары | 63181 булагын оңдоо | 53054 жылдан бери | 52625 ички иштер | 48316
3	жергиликтүү өз алдынча | 23652 тил жана энциклопедия | 19418 республикасынын жогорку кеңешинин | 17184 тышкы иштер министри | 15110 президент алмазбек атамбаев | 12351
4	тил жана энциклопедия борбору | 19395 жергиликтүү өз алдынча башкаруу | 19337 билим берүү жана илим | 11521 тик так тик так | 8035 так тик так тик | 8035
5	тик так тик так тик | 8030 так тик так тик так | 8020 жергиликтүү өз алдынча башкаруу органдарынын | 5659 жергиликтүү өз алдынча башкаруу органдары | 4119 билим берүү жана илим министрлигинин | 3473

About HPLT Analytics

Volumes - Segments

Segments correspond to paragraph and list boundaries as defined by HTML elements (<p>, <ul>, <ol>, etc.) replaced by newlines.

Volumes - Tokens

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md

Type-Token Ratio

Lexical variety computed as *number or types (uniques)/number of tokens*, after removing punctuation (https://www.sltinfo.com/wp-content/uploads/2014/01/type-token-ratio.pdf).

Document size (in segments)

Segments correspond to paragraph and list boundaries as defined by HTML elements (<p>, <ul>, <ol>, etc.) replaced by newlines.

Language distribution

Language identified with FastSpell (https://github.com/mbanon/fastspell).

Distribution of segments by fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

Distribution of documents by average fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

Distribution of documents by document score

Obtained with Web Docs Scorer (https://github.com/pablop16n/web-docs-scorer/).

Segment length distribution by token

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md

Segment noise distribution

Obtained with Bicleaner Hardrules (https://github.com/bitextor/bicleaner-hardrules/).

Frequent n-grams

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md, after removing n-grams starting or ending in a stopword. Stopwords from https://github.com/hplt-project/data-analytics-tool/blob/main/scripts/resources/README.txt

Register labels

Name	Abbr.
Machine-translated	MT
Lyrical	LY
Spoken	SP
Interview	it
Interactive discussion	ID
Narrative	NA
News report	ne
Sports report	sr
Narrative blog	nb

Name	Abbr.
How-to or instructions	**HI**
Recipe	re
Informational persuasion	**IP**
Description with intent to sell	ds
News & opinion blog or editorial	ed
Informational description	**IN**
Enciclopedia article	en
Research article	ra

Name	Abbr.
Description of a thing or person	dtp
FAQ	fi
Legal terms & conditions	lt
Opinion	**OP**
Review	rv
Opinion blog	ob
Denominational religious blog or sermon	rs
Advice	av