HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
uig_Arab.jsonl.tsv	11/5/2024	Uyghur (ug)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
442,397	8,982,392	4,386,967 (48.84 %)	274M	3.02 GB	1,738,795,684

Top 10 domains

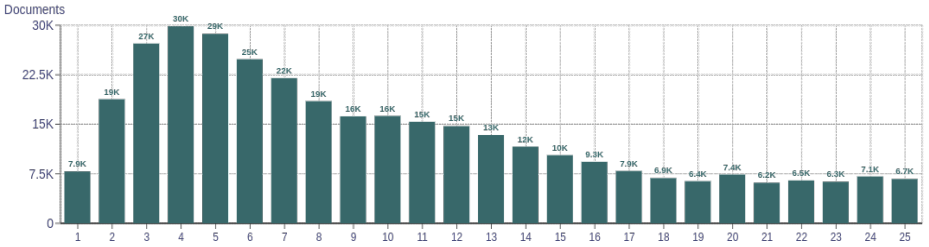
Domain	Docs	% of total
people.com.cn	36K	8.20
ts.cn	20K	4.44
okyan.com	18K	4.18
nur.cn	13K	2.88
misranim.com	11K	2.49
izdinix.com	11K	2.42
chinabroadcast.cn	11K	2.41
rfa.org	10K	2.27
karwan.cn	9.1K	2.07
wikipedia.org	8.3K	1.87

Top 10 TLDs

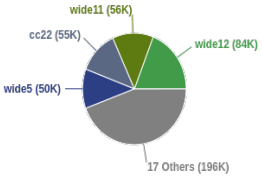
Domain	Docs	% of total
com	201K	45.33
cn	121K	27.26
com.cn	40K	9.02
org	27K	6.05
kz	15K	3.43
net	10K	2.25
biz	9.1K	2.05
net.tr	3.6K	0.81
cc	3.4K	0.76
info	3.1K	0.70

Documents size (in segments)

<= 25 segments **78.29%** (346K documents)
> 25 segments **21.71%** (96K documents)

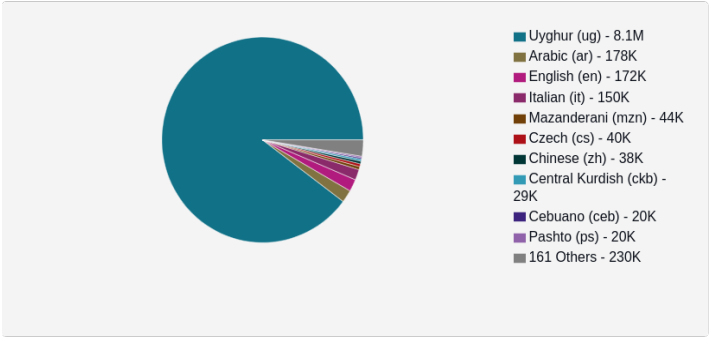


Documents by collection

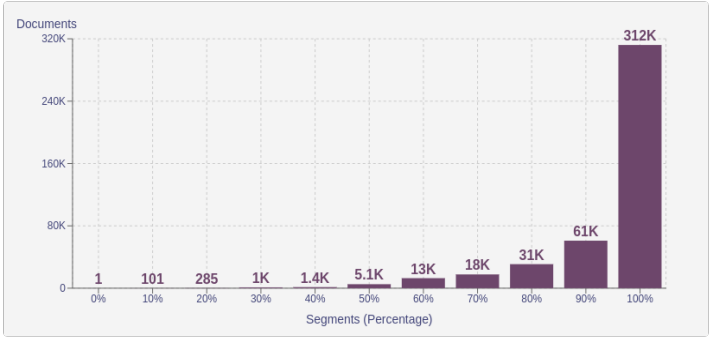


Language Distribution

Number of segments

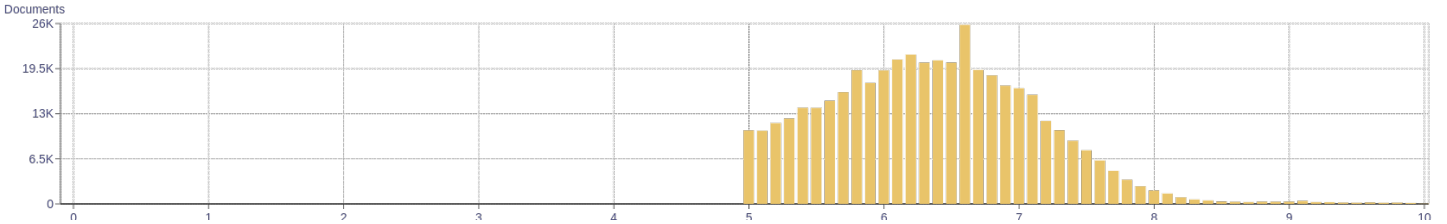


Percentage of segments in Uyghur (ug) inside documents



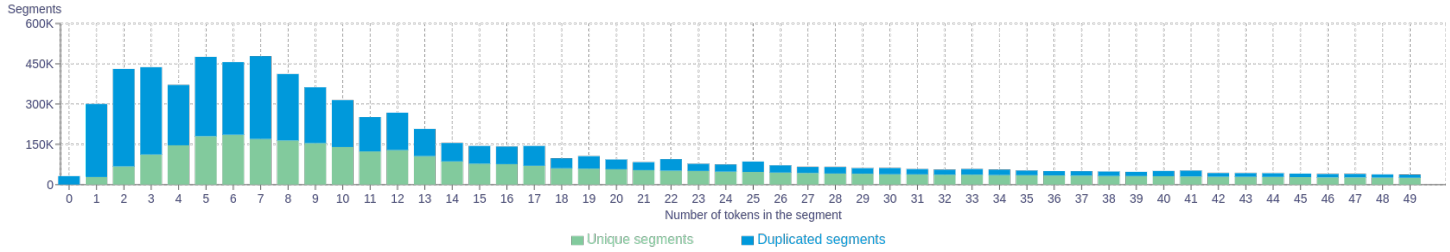
Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (442K documents)

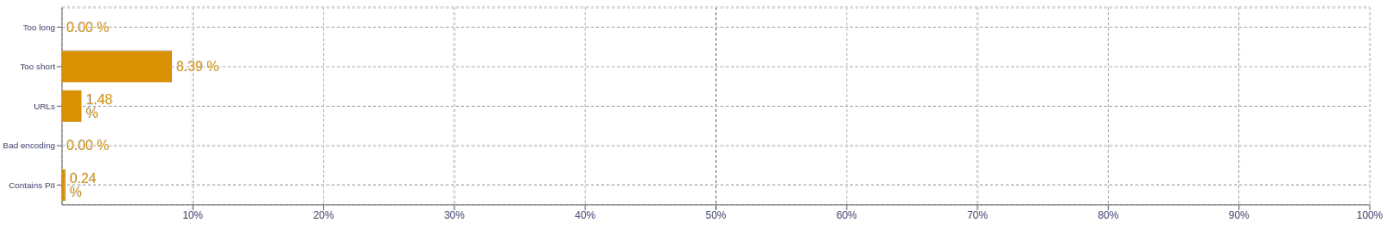


Segment length distribution by token

<= 49 tokens = **3.3M** segments | **4.1M** duplicates
> 50 tokens = **1.6M** segments | **519K** duplicates



Segment noise distribution



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