HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
pbt_Arab.jsonl.tsv	9/20/2024	Southern Pashto (pbt)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
466,472	8,454,662	5,506,825 (65.13 %)	306M	2.13 GB	1,295,601,474

Top 10 domains

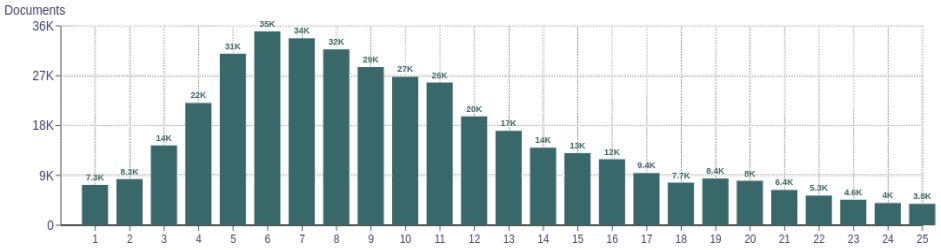
Domain	Docs	% of total
pashtovoa.com	38K	8.10
mashaalradio.com	32K	6.81
bakhtarnews.af	28K	6.01
tolonews.com	24K	5.23
nunn.asia	15K	3.21
tolafghan.com	13K	2.89
wikipedia.org	12K	2.63
larawbar.net	12K	2.48
taand.com	11K	2.44
dw.com	10K	2.25

Top 10 TLDs

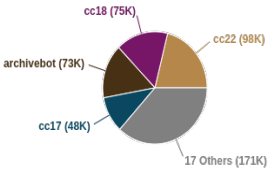
Domain	Docs	% of total
com	288K	61.68
af	49K	10.45
gov.af	25K	5.33
net	24K	5.11
org	23K	4.93
asia	15K	3.23
cn	6.8K	1.46
website	4.6K	0.98
info	3.5K	0.74
ir	2.7K	0.57

Documents size (in segments)

<= 25 segments **85.31%** (398K documents)
> 25 segments **14.69%** (69K documents)

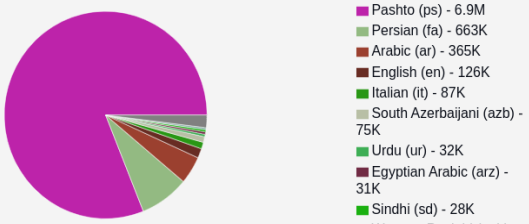


Documents by collection



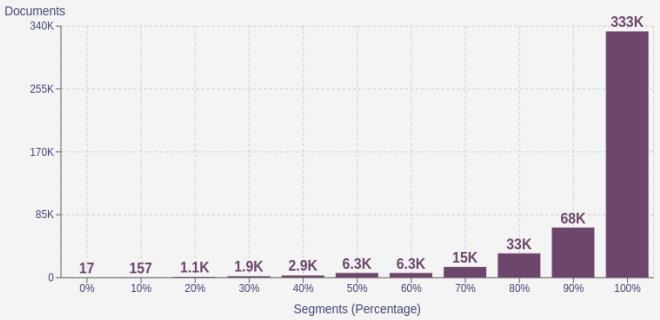
Language Distribution

Number of segments



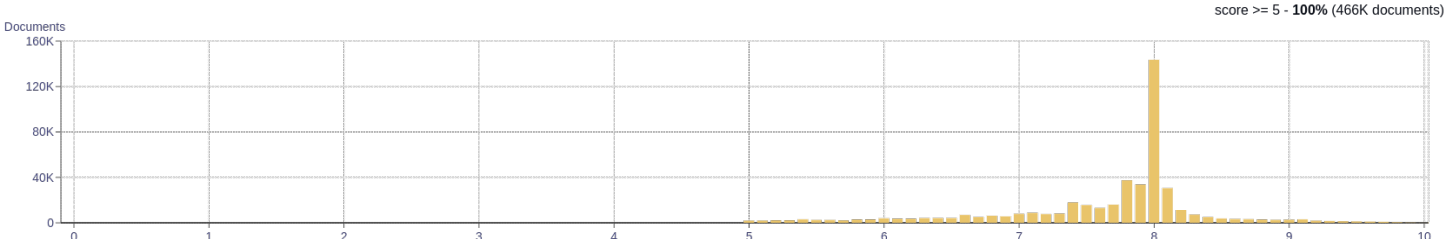
*Southern Pashto (pbt) identification might be inaccurate because language is not supported by Fasttext

Percentage of segments in Southern Pashto (pbt) inside documents



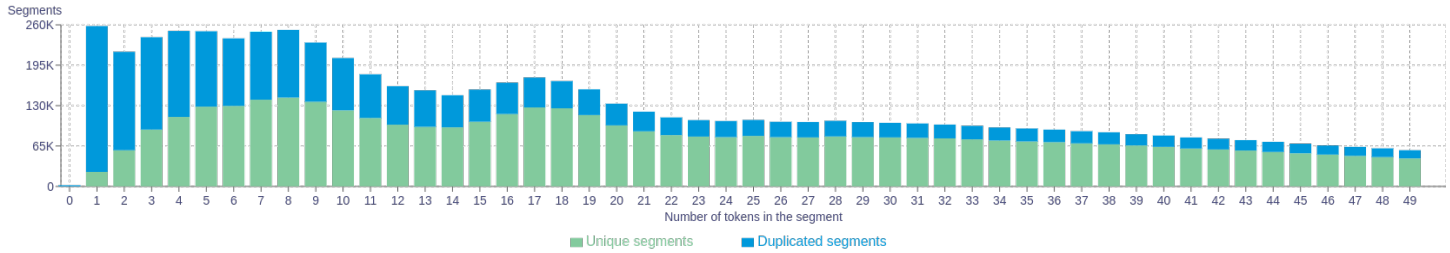
Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (466K documents)

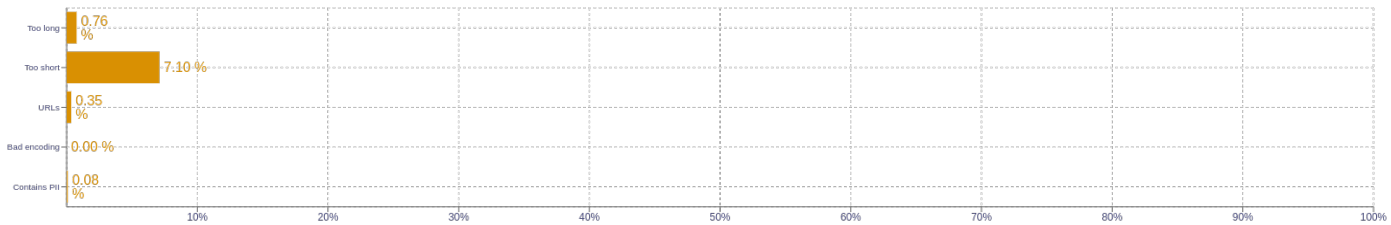


Segment length distribution by token

<= 49 tokens = **4.2M** segments | **2.4M** duplicates
> 50 tokens = **1.9M** segments | **520K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	چې | 5754718 · کې | 5332453 · دې | 1706720 · دی | 1624373 · یې | 1341005
2	افغانستان کې | 193226 · دې چې | 188791 · برخه کې | 130557 · کې چې | 116629 · حال کې | 110752
3	چې په دې | 56303 · چې د افغانستان | 51729 · حال کې چې | 39227 · کې د افغانستان | 36106 · چې د دې | 31550
4	چې په افغانستان کې | 28146 · صلی الله علیه وسلم | 25413 · صلی الله علیه وسلم | 16442 · افغانستان د اسلامي جمهوریت | 14219 · صلی الله علیه وسلم | 13877
5	رسول الله صلی الله علیه | 12440 · رسول الله صلی الله علیه | 8720 · رسول الله صلی الله علیه | 7995 · جمهور رئیس محمد اشرف غني | 4799 · کې د پښتو او بلوځو | 4178

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