HPLT Analytics report

General overview

Corpus	Analytics date	Language
amh_Ethi.jsonl.tsv	9/6/2024	Amharic (am)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
295,542	7,005,835	3,859,756 (55.09 %)	226M	2.39 GB	1,024,632,898

Top 10 domains

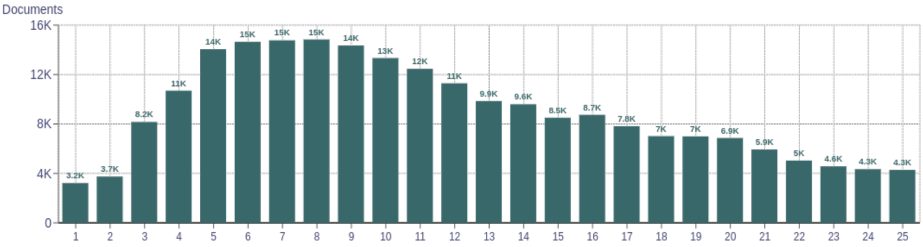
Domain	Docs	% of total
ethiopianreporter.com	15K	4.92
wordpress.com	14K	4.88
voanews.com	12K	4.15
addisadmassnews.com	11K	3.84
ethioreference.com	8.8K	2.99
blogspot.com	7.1K	2.40
blogspot.no	7K	2.35
goolgule.com	6.2K	2.10
wikipedia.org	5.9K	1.98
dw.com	5.6K	1.89

Top 10 TLDs

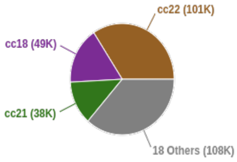
Domain	Docs	% of total
com	203K	68.65
org	33K	11.11
net	8.5K	2.86
no	7.4K	2.49
gov.et	5.3K	1.81
et	5.3K	1.79
news	2.6K	0.87
info	2.4K	0.80
ch	2.2K	0.73
us	1.9K	0.65

Documents size (in segments)

<= 25 segments **76.14%** (225K documents)
> 25 segments **23.86%** (71K documents)

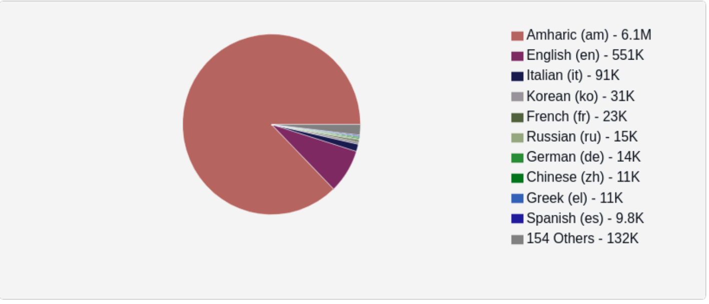


Documents by collection

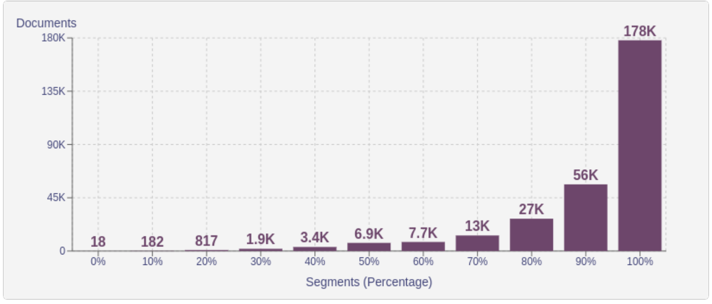


Language Distribution

Number of segments

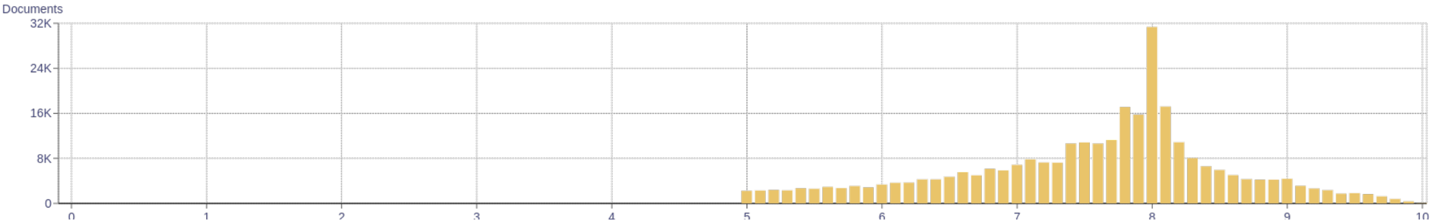


Percentage of segments in Amharic (am) inside documents



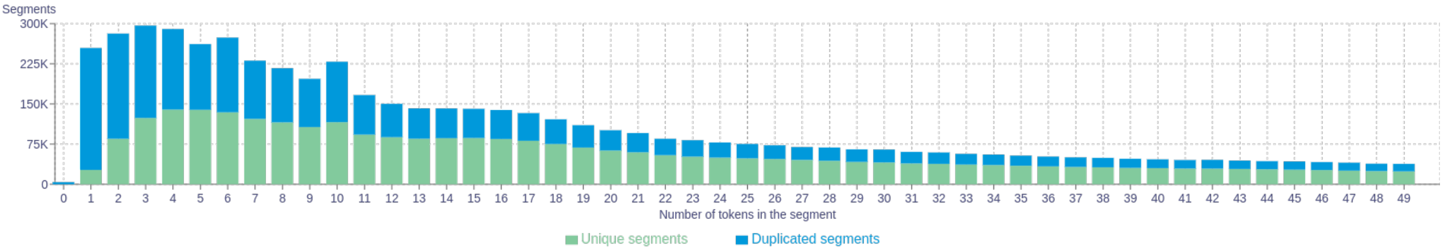
Distribution of documents by document score

score <= 5 - **99.98%** (295K documents)
score > 5 - **0.02%** (64 documents)

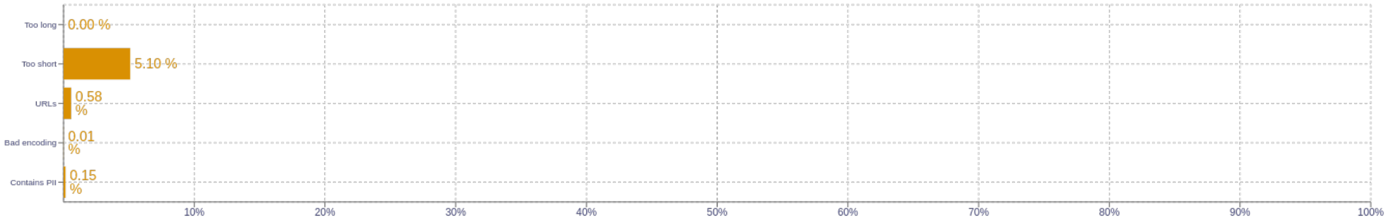


Segment length distribution by token

<= 49 tokens = **3M** segments | **2.6M** duplicates
> 50 tokens = **1.5M** segments | **589K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	ቤት | 399734 ሰው | 351453 ሰዎች | 288104 the | 268082 ብዙ | 264121
2	ዓመተ ምህረት | 131922 ዓመተ ምህረት. | 84621 አዲስ አበባ | 70843 ምክር ቤት | 48490 ፍርድ ቤት | 47456
3	አዳዲስ ግምገማዎች በይፋ | 11644 ተወካዮች ምክር ቤት | 9813 የኢትዮጵያ ኦርቶዶክስ ተዋሕዶ | 9769 ተዋሕዶ ቤተ ክርስቲያን | 9612 leave a comment | 8551
4	ኦርቶዶክስ ተዋሕዶ ቤተ ክርስቲያን | 8777 size increase font size | 7105 size decrease font size | 7105 font size increase font | 7105 font size decrease font | 7105
5	size decrease font size increase | 7105 font size increase font size | 7105 font size decrease font size | 7105 decrease font size increase font | 7105 የኢትዮጵያ ኦርቶዶክስ ተዋሕዶ ቤተ ክርስቲያን | 5385

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