HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
khm_Khmr.jsonl.tsv	9/26/2024	Khmer (km)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
700,992	9,864,172	5,800,059 (58.80 %)	1.5B	5.48 GB	2,113,232,593

Top 10 domains

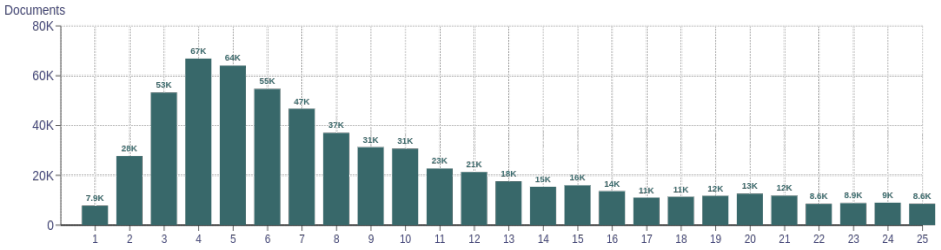
Domain	Docs	% of total
khtoem.com	22K	3.16
voanews.com	21K	3.07
wordpress.com	18K	2.56
monoroom.info	16K	2.30
khmeread.com	14K	1.98
nokorwatnews.com	12K	1.78
freshnewsasia.com	11K	1.57
sabay.com.kh	10K	1.44
rasmeinews.com	9.2K	1.31
postkhmer.com	8.6K	1.23

Top 10 TLDs

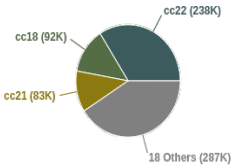
Domain	Docs	% of total
com	419K	59.75
com.kh	58K	8.27
icu	38K	5.44
org	37K	5.31
gov.kh	34K	4.86
info	26K	3.67
net	17K	2.39
vn	13K	1.90
news	11K	1.61
org.kh	11K	1.52

Documents size (in segments)

<= 25 segments **88.59%** (621K documents)
> 25 segments **11.41%** (80K documents)

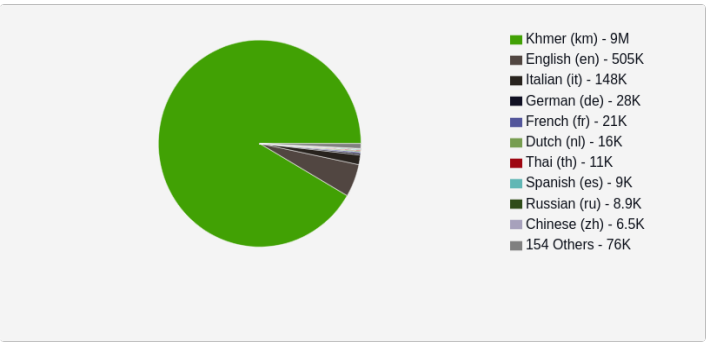


Documents by collection

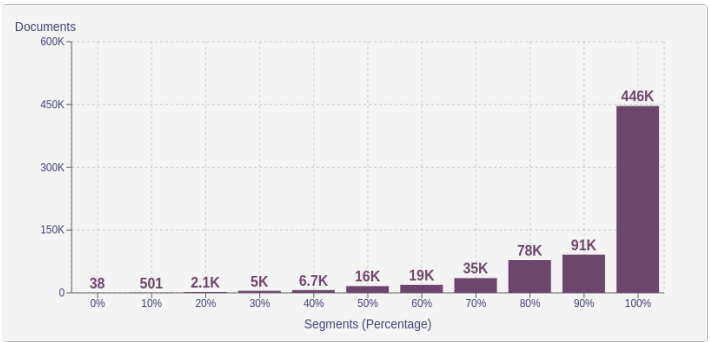


Language Distribution

Number of segments

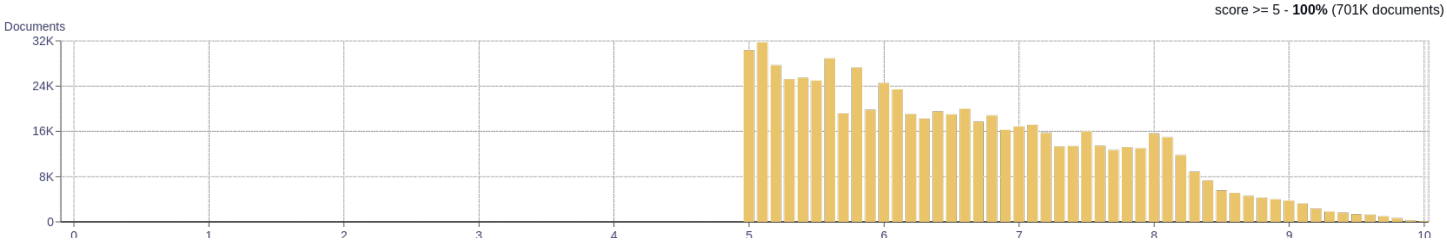


Percentage of segments in Khmer (km) inside documents



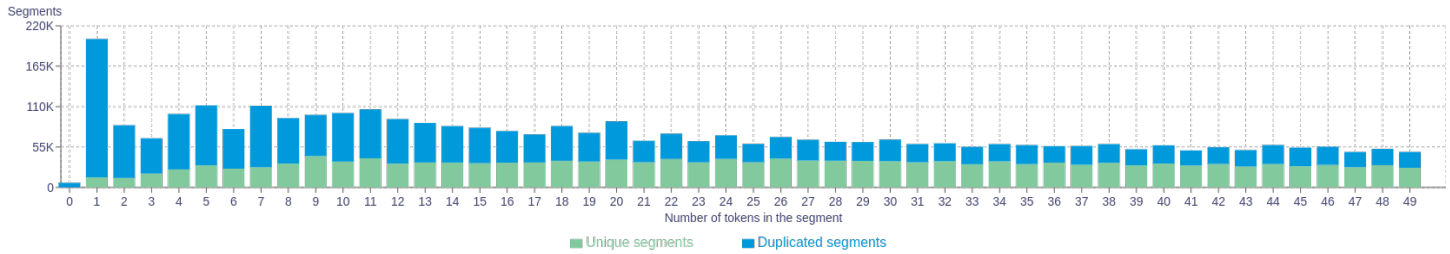
Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (701K documents)

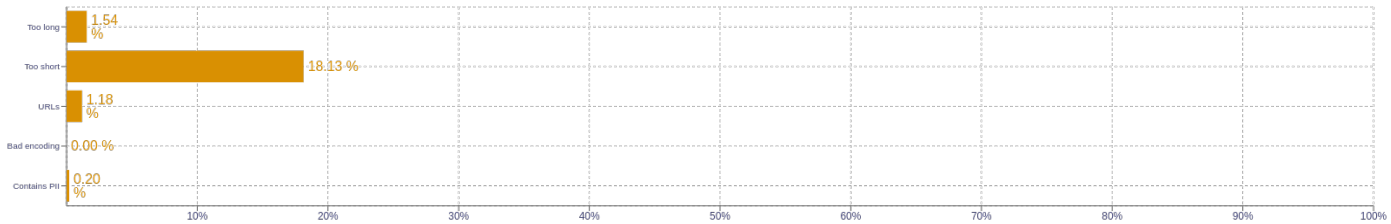


Segment length distribution by token

<= 49 tokens = **1.6M** segments | **2M** duplicates
> 50 tokens = **6.3M** segments | **2M** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	ន | 47850531 · ។ | 40593396 · ក | 35971657 · ត | 31393488 · ប | 31022979
2	ន ន | 503541 · world cup | 502430 · ។ ន | 414159 · ន ស | 407861 · ង ន | 405408
3	fifa world cup | 45367 · ង world cup | 45159 · qatar world cup | 35895 · ក ស៊ម ង | 32137 · world cup qatar | 31281
4	fifa world cup qatar | 15154 · pro evolution soccer ឈ្ម | 7634 · opens in new window | 5251 · click to share on | 5250 · ចេញ world cup ន | 4833
5	to cnrp radio at national | 2547 · read more khmer news and | 2547 · radio at national rescue party | 2547 · please read more khmer news | 2547 · news and listen to cnrp | 2547

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