HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
plt_Latn.jsonl.tsv	10/30/2024	Malagasy (plt)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
207,837	4,736,104	2,307,265 (48.72 %)	162M	781.36 MB	805,769,531

Top 10 domains

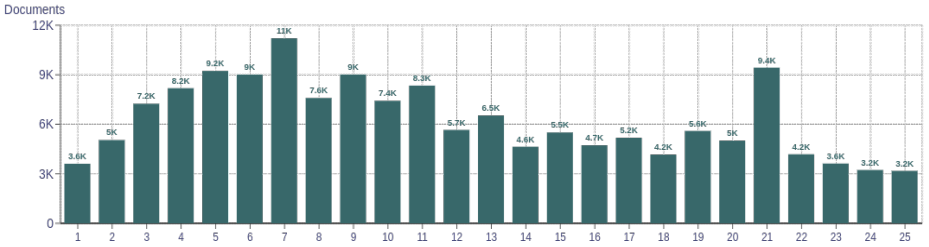
Domain	Docs	% of total
globalvoices.org	47K	22.64
globalvoicesonline.org	18K	8.72
wikipedia.org	12K	5.60
wiktionary.org	10K	5.03
blaogy.com	8.7K	4.20
katolika.org	6.9K	3.30
jw.org	5.8K	2.78
mydago.com	4.2K	2.04
serasera.org	3.9K	1.88
tiatanindrazana.com	2.5K	1.21

Top 10 TLDs

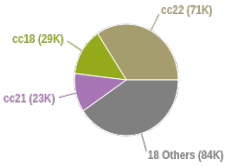
Domain	Docs	% of total
org	117K	56.34
com	64K	30.63
mg	6.9K	3.31
net	6K	2.90
info	2.6K	1.27
fr	1.8K	0.85
news	1.4K	0.66
zone	1K	0.49
gov.mg	1K	0.48
is	718	0.35

Documents size (in segments)

<= 25 segments **75.34%** (157K documents)
> 25 segments **24.66%** (51K documents)

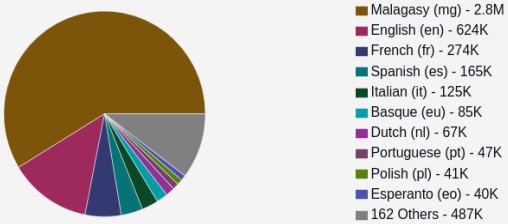


Documents by collection



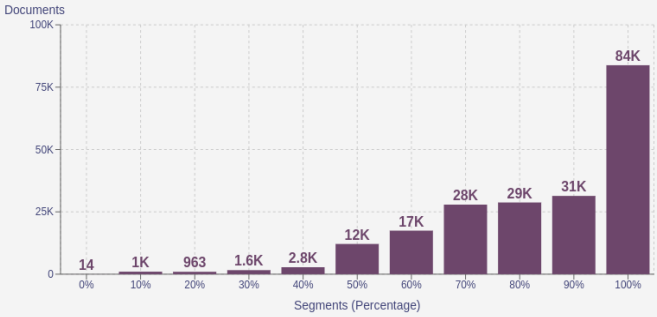
Language Distribution

Number of segments



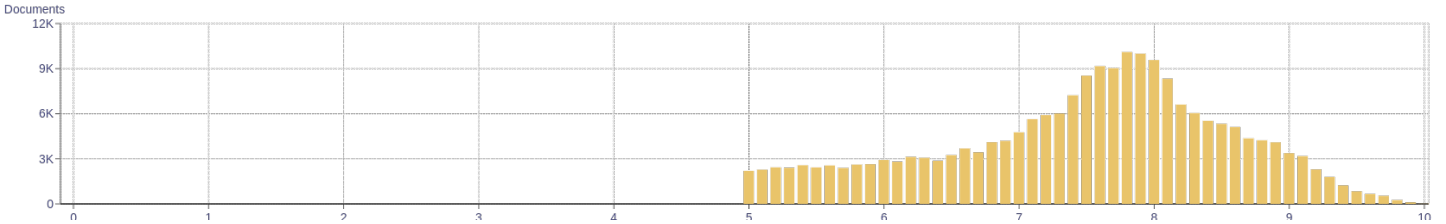
*Malagasy (plt) identification might be inaccurate because language is not supported by Fasttext

Percentage of segments in Malagasy (plt) inside documents



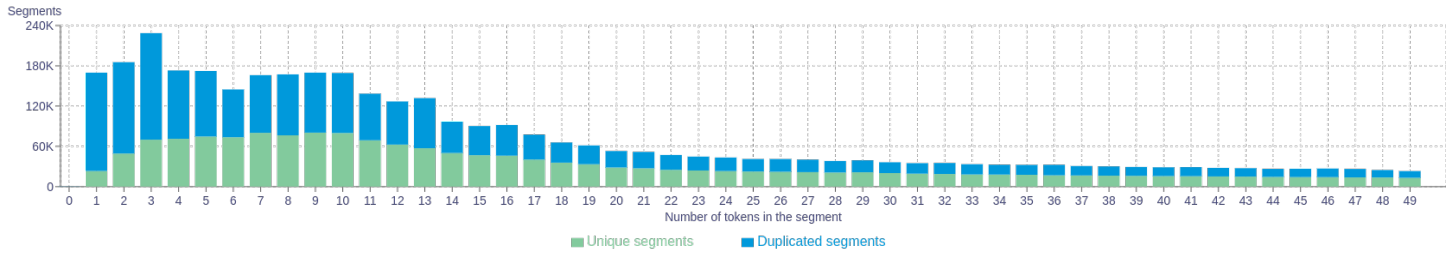
Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (208K documents)

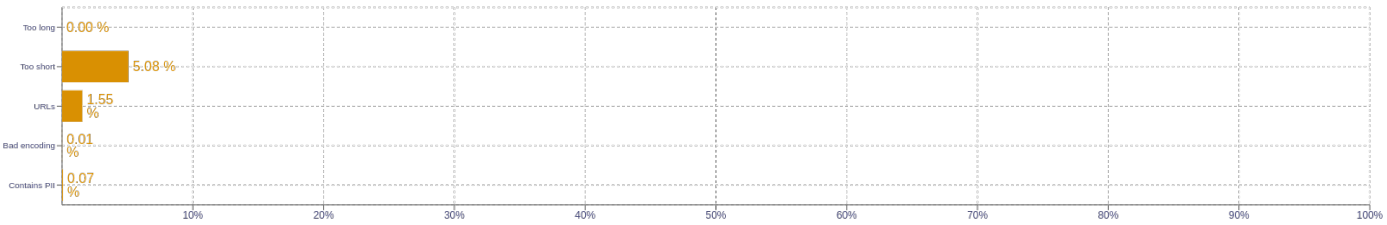


Segment length distribution by token

<= 49 tokens = **1.7M** segments | **2M** duplicates
> 50 tokens = **1.1M** segments | **446K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	ny | 15676242 · amin | 3513070 · dia | 2224112 · tsy | 1854019 · sy | 1635454
2	sy ny | 596839 · ho an | 374321 · ao amin | 366825 · izy ireo | 226318 · avy amin | 201703
3	ihany koa ny | 50928 · izao tontolo izao | 50675 · izao fotoana izao | 37732 · tsy ampy amin | 36044 · zavatra tsy ampy | 34284
4	fanononana tsy ampy amin | 26228 · na inona na inona | 20307 · tokony homarinana avy amin | 10479 · dikanteny tokony homarinana avy | 10449 · manerana izao tontolo izao | 8354
5	dikanteny tokony homarinana avy amin | 10449 · na dia eo aza ny | 3788 · araka ny tokony ho izy | 3681 · koa ve ity lahatsoratra nivoaka | 3466 · tadidinao koa ve ity lahatsoratra | 3465

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