HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
ssw_Latn.jsonl.tsv	9/22/2024	Swati (ss)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
2,036	62,126	39,431 (63.47 %)	1.3M	8.42 MB	8,760,975

Top 10 domains

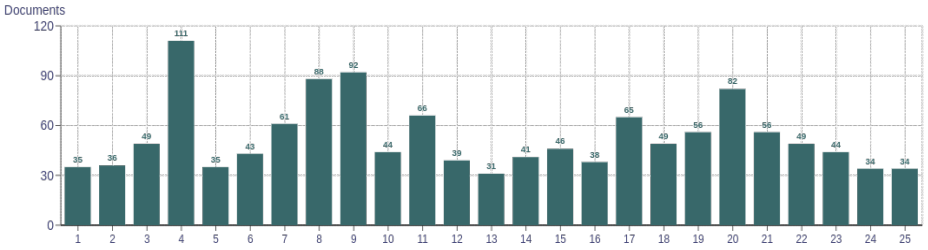
Domain	Docs	% of total
jw.org	599	29.42
biblesa.co.za	446	21.91
wikipedia.org	400	19.65
southafrica.co.za	242	11.89
myconstitution.co.za	27	1.33
sciencegraph.net	20	0.98
gotquestions.org	15	0.74
nalibali.org	15	0.74
digitallibrary.io	13	0.64
shuters.co.za	12	0.59

Top 10 TLDs

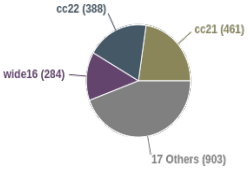
Domain	Docs	% of total
org	1.1K	53.14
co.za	776	38.11
com	54	2.65
net	26	1.28
gov.za	22	1.08
org.za	20	0.98
io	14	0.69
ac.za	11	0.54
co.uk	7	0.34
co.sz	7	0.34

Documents size (in segments)

<= 25 segments **65.03%** (1.3K documents)
> 25 segments **34.97%** (711 documents)

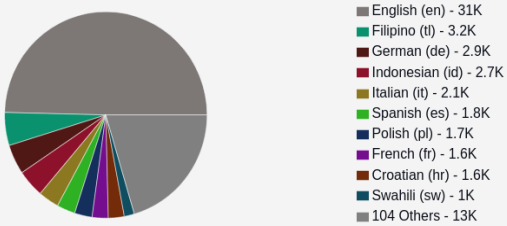


Documents by collection



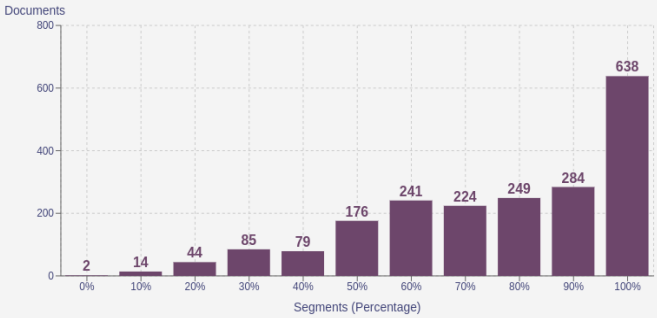
Language Distribution

Number of segments



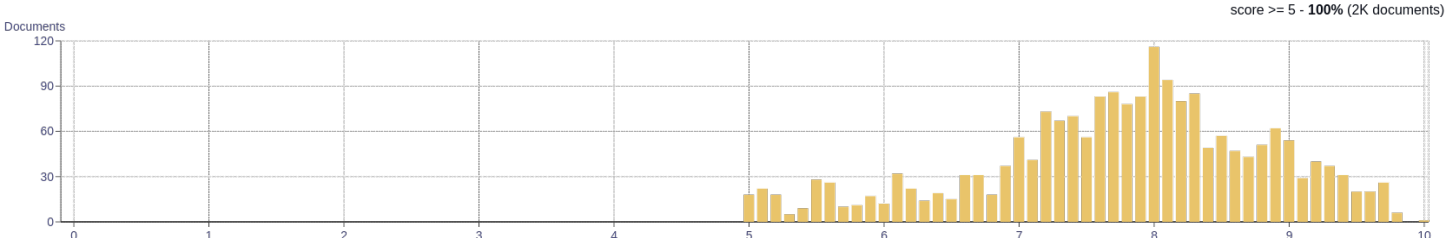
*Swati (ss) identification might be inaccurate because language is not supported by Fasttext

Percentage of segments in Swati (ss) inside documents



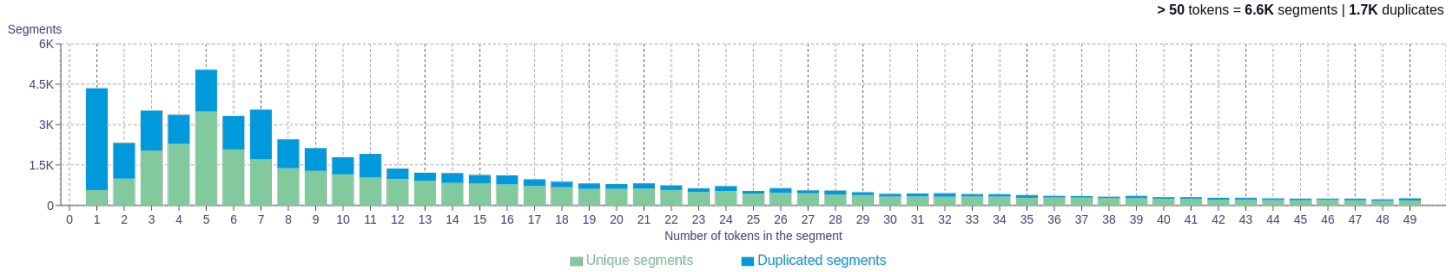
Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (2K documents)

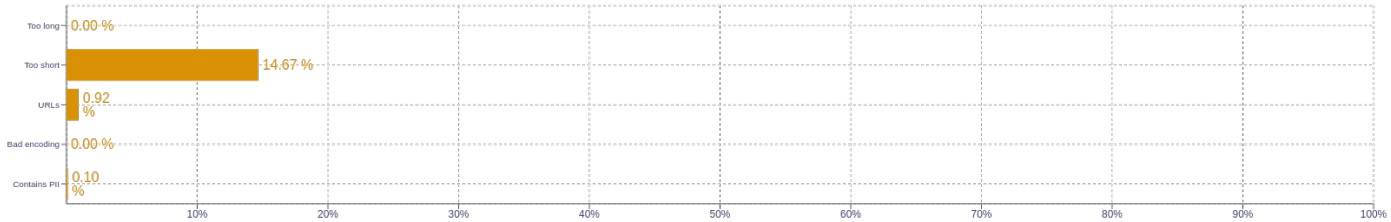


Segment length distribution by token

<= 49 tokens = **35K** segments | **21K** duplicates
> 50 tokens = **6.6K** segments | **1.7K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	stfu | 8185 · noobs | 8185 · bantfu | 3879 · nkulunkulu | 3525 · ke | 2986
2	stfu noobs | 8185 · edit source | 1029 · wonkhe umuntfu | 520 · bonkhe bantfu | 445 · uma ngabe | 433
3	emazinga kutemfundvo nekucecesha | 270 · cweluco cweluco cweluco | 236 · wekucinisekisa emazinga kutemfundvo | 234 · wonkhe umuntfu unelilungelo | 193 · new world translation | 121
4	cweluco cweluco cweluco cweluco | 235 · wekucinisekisa emazinga kutemfundvo nekucecesha | 228 · translated by phindile malotana | 109 · world translation of the | 103 · ungatsandza yini kufundza lesihloko | 103
5	cweluco cweluco cweluco cweluco cweluco | 234 · world translation of the holy | 103 · ungatsandza yini kufundza lesihloko ngalolulwimi | 103 · translation of the holy scriptures | 103 · new world translation of the | 103

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