# **HPLT Analytics report**



### **General overview**

Corpus	Date	Language
hplt-v3-tum_Latn	9/18/2025	Tumbuka (tum)

### **Volumes**

Docs	Segments	Unique segments	Tokens	Characters	Size	
5,654	157,200	143,819 (91.49 %)	5.8M	32,873,782	32.07 MB	

### Top 10 domains

Domain	Docs	% of total
jw.org	5K	88.77%
wikipedia.org	370	6.54%
nkhanimchitumbu	58	1.03%
wordpress.com	33	0.58%
islamhouse.com	18	0.32%
fountainofvicto	17	0.30%
globalrecording	15	0.27%
bywiki.com	13	0.23%
quranenc.com	11	0.19%
bible.com	11	0.19%

### Top 10 TLDs

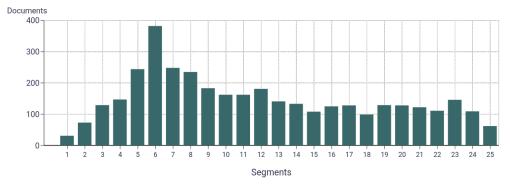
**Document collections** 

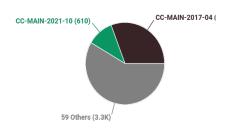
Domain	Docs	% of total
org	5.4K	96.27%
com	172	3.04%
net	18	0.32%
is	5	0.09%
mw	2	0.04%
io	2	0.04%
co.uk	2	0.04%
wiki	1	0.02%
vn	1	0.02%
tech	1	0.02%

### Documents size (in segments) ①

≤ **25** segments **65.76%** (3.7K documents) > **25** segments **34.24%** (1.9K documents)

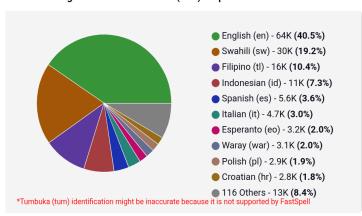
#### CC = 93.37% IA = 6.63%



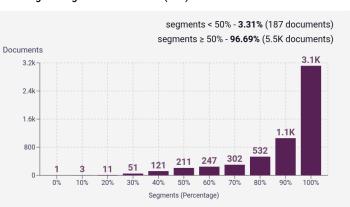


## Language Distribution

### Number of segments in the Tumbuka (tum) corpus

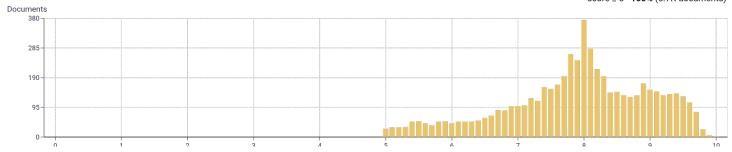


### Percentage of segments in Tumbuka (tum) inside documents



# Distribution of documents by document score

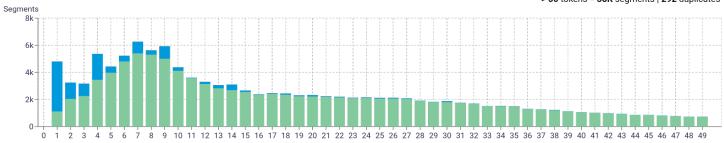
score < 5 - **0**% (0 documents) score ≥ 5 - **100**% (5.7K documents)



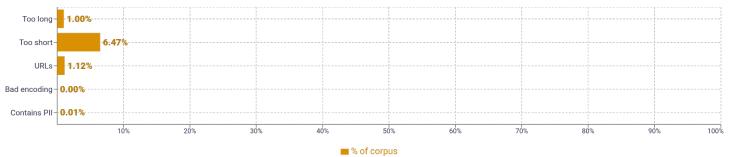
### Segment length distribution by token

> 50 tokens = 38K segments | 292 duplicates

 $\leq$  49 tokens = 119K segments | 13K duplicates



### Segment noise distribution



## Frequent n-grams

SIZE	N-GRAMS	
1	wanthu   46,274 ndi   38,099 yehova   33,372 chiuta   25,995 yesu   22,127	
2	wanthu wa   4,920 wanthu wanandi   3,267 wanthu wo   2,535 from the   2,356 the original   2,201	C
3	from the original   2,195 archived from the   2,066 the original on   2,035 wakaboni wa yehova   1,504 anamuliro gha charu   1,159	C
4	archived from the original   2,066   from the original on   2,035   anamuliro gha charu chiphya   1,159   malemba ghakupatulika mu mang   1,045   baibolo la pa intaneti   1,016	Ç
5	archived from the original on   1,906   kumbi ndi vinthu wuli vo   243   vyaru vya kumanjiliro gha dazi   137   sambiru la bayibolu la mpingu   108   ndicho fumu yikuru yehova yayowoya   98	C

### **About HPLT Analytics**

### **Volumes - Segments**

Segments correspond to paragraph and list boundaries as defined by HTML elements (, , , 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 (, , , 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

 $To kenized\ with\ https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md$ 

### 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

#### Register labels

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Name	Abbr.	Name	Abbr.	Name	Abbr.
Machine-translated	MT	How-to or instructions	HI	Description of a thing or person	dtp
Lyrical	LY	Recipe	re	FAQ	fi
Spoken	SP	Informational persuasion	IP	Legal terms & conditions	lt
Interview	it	Description with intent to sell	ds	Opinion	OP
Interactive discussion	ID	•		•	
Narrative	NA	News & opinion blog or editorial	ea	Review	rv
News report	ne	Informational description	IN	Opinion blog	ob
Sports report	sr	Enciclopedia article	en	Denominational religious blog or sermon	rs
Narrative blog	nb	Research article	ra	Advice	av