# **HPLT Analytics report**



### **General overview**

Corpus	Date	Language	
hplt-v3-hau_Latn	9/18/2025	Hausa	

### **Volumes**

Docs	Segments	Unique segments	Tokens	Characters	Size
743,843	15,098,921	11,570,766 (76.63 %)	495M	2,341,460,938	2.21 GB

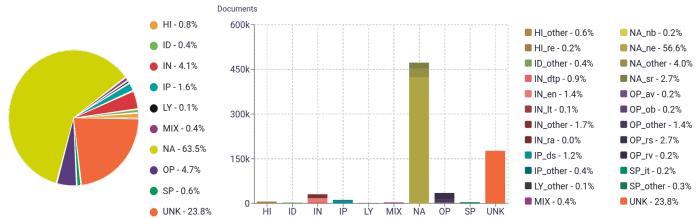
### Top 10 domains

Domain	Docs	% of total
legit.ng	73K	9.76%
leadership.ng	59K	7.95%
voahausa.com	32K	4.32%
bbc.com	25K	3.43%
rfi.fr	17K	2.29%
premiumtimesng.com	15K	2.01%
cri.cn	15K	1.98%
naija.ng	12K	1.62%
dw.com	11K	1.52%
wikipedia.org	11K	1.44%

### Top 10 TLDs

Domain	Docs	% of total
com	411K	55.28%
ng	171K	22.94%
com.ng	51K	6.91%
org	25K	3.39%
fr	19K	2.50%
cn	15K	2.02%
net	11K	1.46%
zone	6.8K	0.92%
ir	6K	0.81%
eu	3.9K	0.52%

## **Register labels**



**MT**:21.4% | 159K Documents

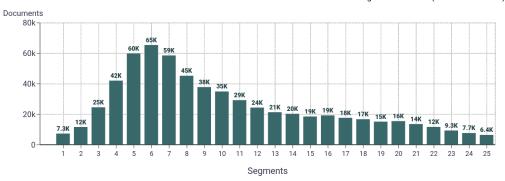
### Documents size (in segments) ①

≤ **25** segments **85.27%** (634K documents)

> 25 segments 14.73% (110K documents)

### **Document collections**

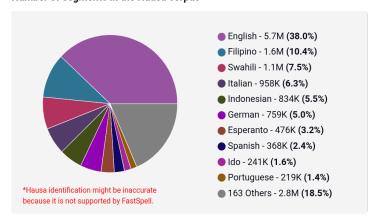
CC = 97.44% IA = 2.56%



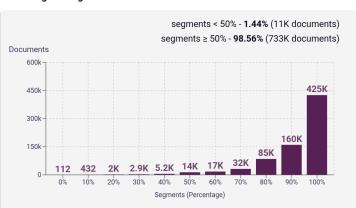


### **Language Distribution**

### Number of segments in the Hausa corpus

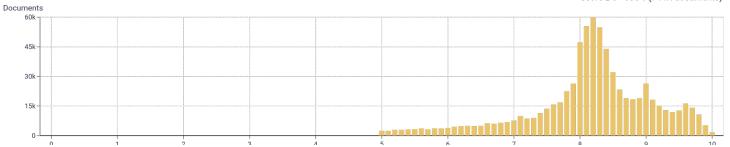


### Percentage of segments in Hausa inside documents



### Distribution of documents by document score

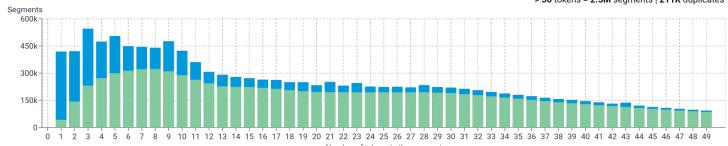
score < 5 - 0% (0 documents) score  $\geq$  5 - 100% (744K documents)



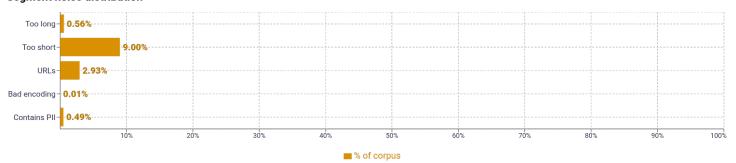
### Segment length distribution by token

≤ 49 tokens = 13M segments | 3.3M duplicates

> 50 tokens = 2.5M segments | 211K duplicates



### Segment noise distribution



### Frequent n-grams

SIZE	N-GRAMS	
1	tare   1,404,828	
2	ci gaba   368,531	
3	kasa da kasa   37,932	
4	wayar ku ta hannu   32,086   shugaban kasa muhammadu buhari   30,078   shafukanmu na dandalin sada   29,440   shawara ko bukatar bamu   29,317   latsa wannan domin samun   23,258	(
5	shafukanmu na dandalin sada zumunta   29,439   shawara ko bukatar bamu labari   29,316   latsa wannan domin samun sabuwar   20,841   ƙwararrun ƙwa	C

### **About HPLT Analytics**

### Volumes - Segments

Segments correspond to paragraph and list boundaries as defined by HTML elements (, , , etc.) replaced by newlines.

#### Volumes - Tokens

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

### 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

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

### Register labels

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		News & opinion blog or editorial	ed	Review	rv
Narrative	NA	, ,			
News report	ne	Informational description	IN	Opinion blog	ob
Sports report	sr	Enciclopedia article	en	Denominational religious blog or sermor	ı rs
Narrative blog	nb	Research article	ra	Advice	av