# HPLT Analytics report

HPLTAnalytics

## General overview

| Corpus | Date | Language |
|---|---|---|
| hplt-v3-bem_Latn | 9/18/2025 | Bemba (bem) |

## Volumes

| Docs | Segments | Unique segments | Tokens | Characters | Size |
|---|---|---|---|---|---|
| 5,344 | 142,918 | 127,804 (89.42 %) | 6.2M | 34,074,018 | 33.43 MB |

## Top 10 domains

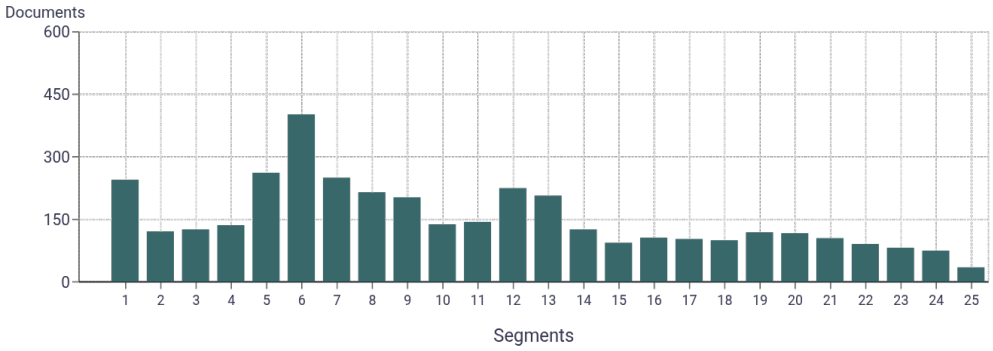
| Domain | Docs | % of total |
|---|---|---|
| jw.org | 4.3K | 79.60% |
| worldslastchanc... | 406 | 7.60% |
| bible.is | 231 | 4.32% |
| ebible.org | 74 | 1.38% |
| bible.com | 38 | 0.71% |
| egwwritings.org | 28 | 0.52% |
| bibleschools.com | 26 | 0.49% |
| gotquestions.org | 23 | 0.43% |
| biblearc.com | 16 | 0.30% |
| 33eme-cers.org | 16 | 0.30% |

## Top 10 TLDs

| Domain | Docs | % of total |
|---|---|---|
| org | 4.5K | 83.65% |
| com | 567 | 10.61% |
| is | 231 | 4.32% |
| net | 27 | 0.51% |
| info | 13 | 0.24% |
| io | 10 | 0.19% |
| com.na | 5 | 0.09% |
| org.za | 4 | 0.07% |
| co.zw | 4 | 0.07% |
| bible | 3 | 0.06% |

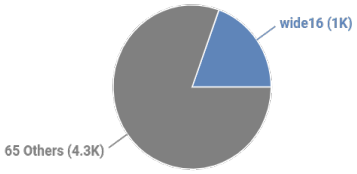
## Documents size (in segments)

**≤ 25** segments **71.61%** (3.8K documents)
**> 25** segments **28.39%** (1.5K documents)



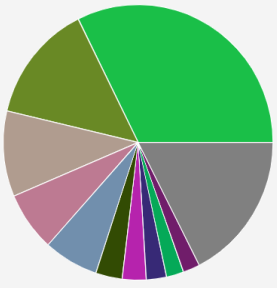

## Document collections

**CC = 63.10%**
**IA = 36.90%**




## Language Distribution

### Number of segments in the Bemba (bem) corpus

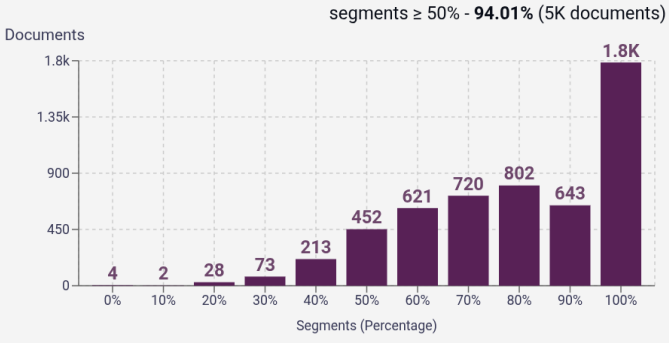


- English (en) - 46K **(32.3%)**
- Swahili (sw) - 20K **(14.0%)**
- Filipino (tl) - 14K **(10.1%)**
- Esperanto (eo) - 10K **(7.0%)**
- Indonesian (id) - 9.4K **(6.6%)**
- Polish (pl) - 4.5K **(3.2%)**
- Spanish (es) - 4.1K **(2.9%)**
- Croatian (hr) - 3.5K **(2.4%)**
- Finnish (fi) - 3K **(2.1%)**
- Italian (it) - 2.9K **(2.0%)**
- 118 Others - 25K **(17.5%)**

*Bemba (bem) identification might be inaccurate because it is not supported by FastSpell

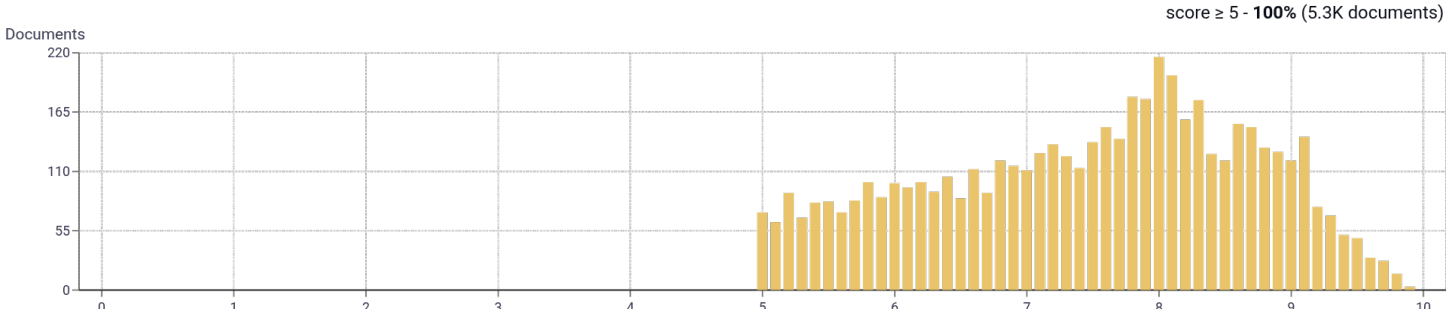
### Percentage of segments in Bemba (bem) inside documents

segments < 50% - **5.99%** (320 documents)
segments ≥ 50% - **94.01%** (5K documents)



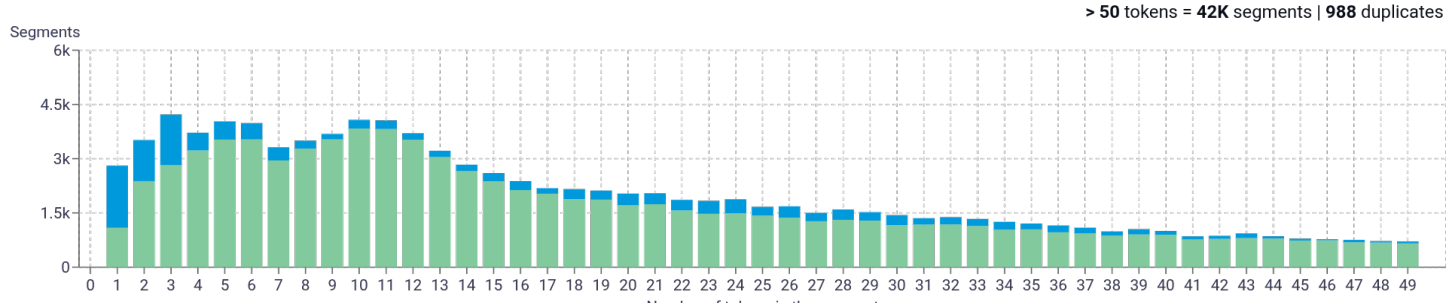
## Distribution of documents by document score

score < 5 - **0%** (0 documents)
score ≥ 5 - **100%** (5.3K documents)

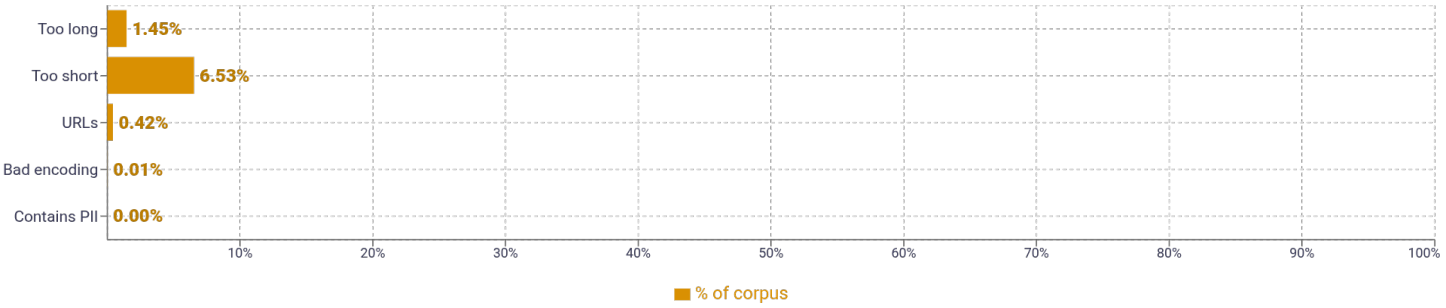



## Segment length distribution by token

**≤ 49** tokens = **101K** segments | **14K** duplicates
**> 50** tokens = **42K** segments | **988** duplicates




## Segment noise distribution




## Frequent n-grams

| SIZE | N-GRAMS |
|---|---|
| 1 | a \| 26,721 · yesu \| 23,426 · yehova \| 15,351 · lesa \| 14,280 · mba \| 14,040 |
| 2 | mambo a \| 1,218 · nokuba boobo \| 1,188 · mwami yahuwah \| 914 · i bika \| 874 · calo ca \| 651 |
| 3 | ca kwa lesa \| 467 · batumoni ba yehova \| 313 · i vyani vino \| 306 · cikombelo ca katolika \| 287 · mambo ka o \| 275 |
| 4 | bakamonyi ba kwa yehoba \| 442 · inte sha kwa yehova \| 235 · nte sha kwa yehova \| 224 · ubufumu bwa kwa lesa \| 213 · amalembo ya calo cipya \| 188 |
| 5 | cikombelo ca katolika caku loma \| 137 · akubikka mucibaka cangawo mazina mataanzi \| 111 · mucibaka cangawo mazina mataanzi ngubaapedwe \| 108 · twakagwisya mucibalo citaanzi mazina aabakomba \| 98 · mucibalo citaanzi mazina aabakomba mituni \| 98 |

## 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

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