# HPLT Analytics report

HPLTAnalytics

## General overview

| Corpus | Date | Language |
|---|---|---|
| hplt-v3-tir_Ethi | 9/18/2025 | Tigrinya |

## Volumes

| Docs | Segments | Unique segments | Tokens | Characters | Size |
|---|---|---|---|---|---|
| 67,624 | 1,246,960 | 958,112 (76.84 %) | 45M | 190,686,473 | 452.41 MB |

## Top 10 domains

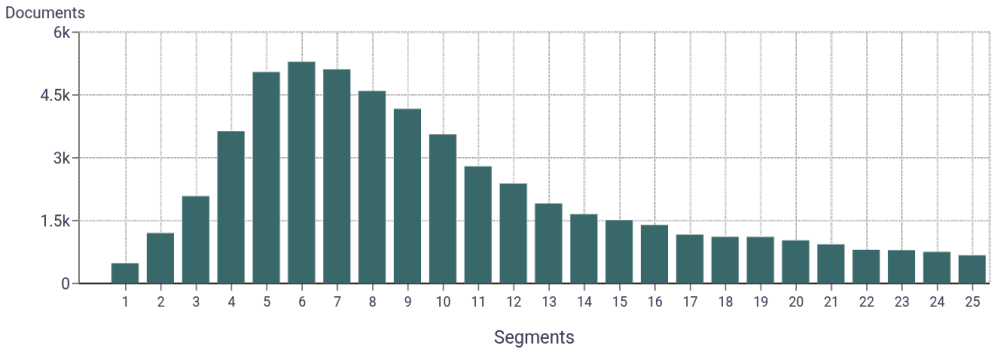
| Domain | Docs | % of total |
|---|---|---|
| voanews.com | 8.8K | 12.97% |
| erena.org | 5.3K | 7.81% |
| assenna.com | 4.4K | 6.49% |
| vaticannews.va | 3.9K | 5.78% |
| harnnet.org | 3.1K | 4.57% |
| jw.org | 2.2K | 3.22% |
| bbc.com | 1.9K | 2.85% |
| harmonymedia.se | 1.5K | 2.21% |
| refugies.info | 1.5K | 2.16% |
| dendenmedia.com | 1.5K | 2.15% |

## Top 10 TLDs

| Domain | Docs | % of total |
|---|---|---|
| com | 31K | 45.71% |
| org | 19K | 28.62% |
| va | 5.3K | 7.80% |
| se | 3.6K | 5.36% |
| net | 1.7K | 2.45% |
| info | 1.6K | 2.31% |
| de | 753 | 1.11% |
| nl | 623 | 0.92% |
| no | 613 | 0.91% |
| ch | 542 | 0.80% |

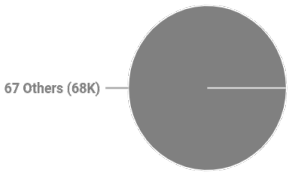
## Documents size (in segments)

**≤ 25** segments **81.6%** (55K documents)
**> 25** segments **18.4%** (12K documents)



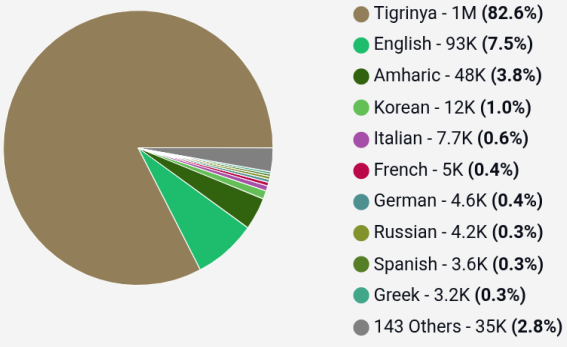

## Document collections

**CC = 91.01%**
**IA = 8.99%**



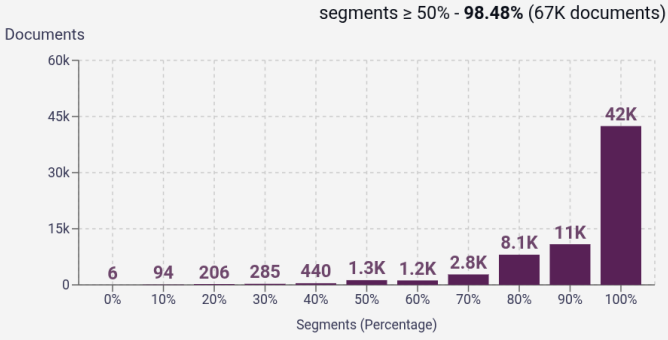

## Language Distribution

### Number of segments in the Tigrinya corpus



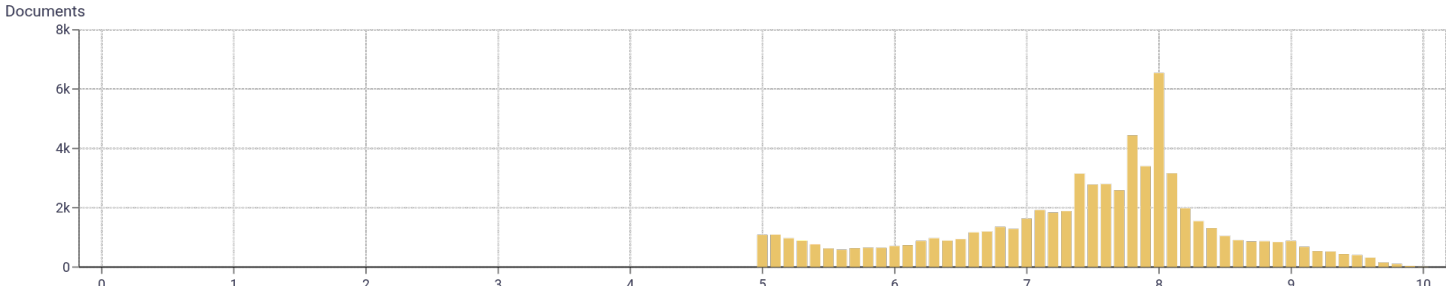

### Percentage of segments in Tigrinya inside documents

segments < 50% - **1.52%** (1K documents)
segments ≥ 50% - **98.48%** (67K documents)



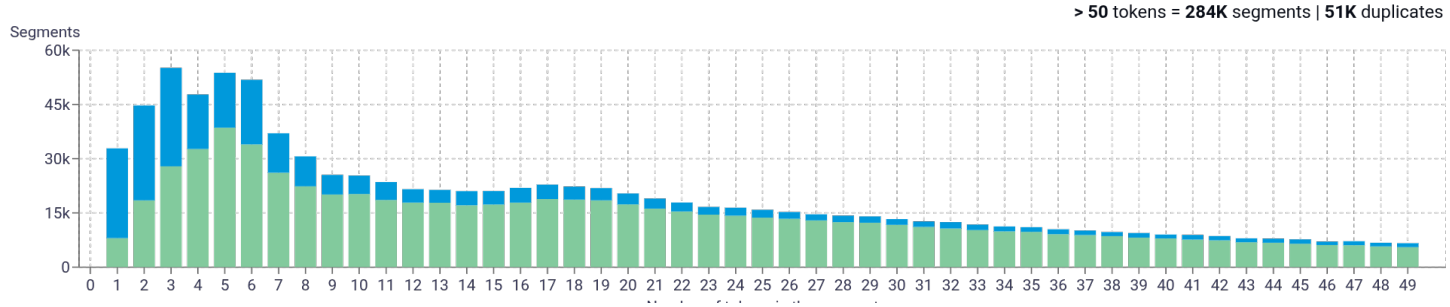
## Distribution of documents by document score

score < 5 - **0%** (0 documents)
score ≥ 5 - **100%** (68K documents)

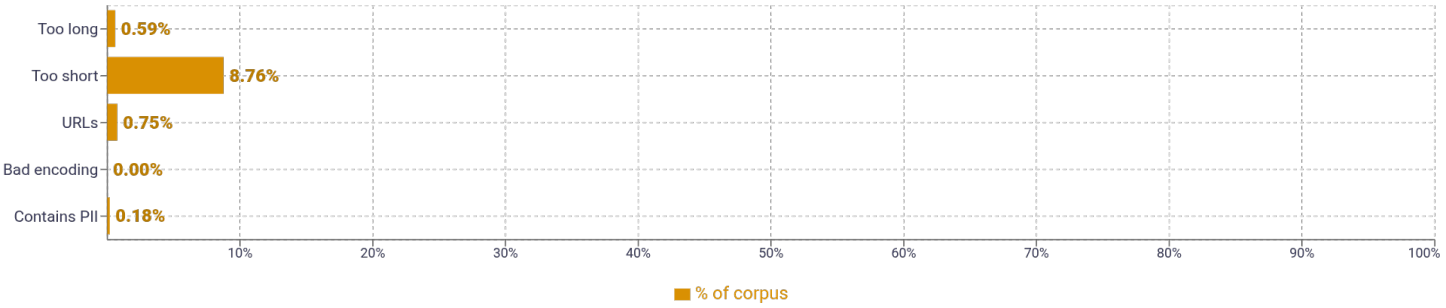



## Segment length distribution by token

**≤ 49** tokens = **963K** segments | **239K** duplicates
**> 50** tokens = **284K** segments | **51K** duplicates




## Segment noise distribution




## Frequent n-grams

| SIZE | N-GRAMS |
|---|---|
| 1 | አርትራ | 176,623 · ህዝቢ | 121,978 · ከላ | 109,050 · ሱብ | 94,077 · ኢዩ | 79,628 |
| 2 | ህዝቢ አርትራ | 34,190 · ቤተ ክርስቲያን | 16,019 · ቤት ፅሕፈት | 13,647 · ዓመተ ምሕረት. | 11,837 · ሕቡራት ሃገራት | 11,823 |
| 3 | ውድብ ሕቡራት ሃገራት | 4,063 · ሰልፊ ዲሞክራሲ ህዝቢ | 2,944 · ወወልድ ወመንፈስ ቅዱስ | 2,910 · ዲሞክራሲ ህዝቢ አርትራ | 2,846 · ስምዖን ተ. አርኣያ | 2,646 |
| 4 | ሰልፊ ዲሞክራሲ ህዝቢ አርትራ | 2,717 · አብ ወወልድ ወመንፈስ ቅዱስ | 2,225 · በስመ አብ ወወልድ ወመንፈስ | 2,163 · ወወልድ ወመንፈስ ቅዱስ አሓዱ | 2,006 · ቅዱስ ኣቦና ር.ሊ.ጳ. ፍራንቸስኮ | 1,933 |
| 5 | በስመ አብ ወወልድ ወመንፈስ ቅዱስ | 2,144 · አብ ወወልድ ወመንፈስ ቅዱስ አሓዱ | 1,911 · ወወልድ ወመንፈስ ቅዱስ አሓዱ አምላክ | 1,769 · ቅድስቲ መንበር ዜናን ክፍሊ ማሕተምን | 1,241 · written by ቤት ፅሕፈት ዜና | 1,082 |

## 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 | | | | |