# HPLT Analytics report

HPLTAnalytics

## General overview

| Corpus | Analytics date | Language |
|---|---|---|
| kin_Latn.jsonl.tsv | 9/23/2024 | Kinyarwanda (rw) |

## Volumes

| Docs | Segments | Unique segments | Tokens | Size | Characters |
|---|---|---|---|---|---|
| 92,699 | 1,916,933 | 1,163,101 (60.68 %) | 65M | 354.87 MB | 365,284,983 |

## Top 10 domains

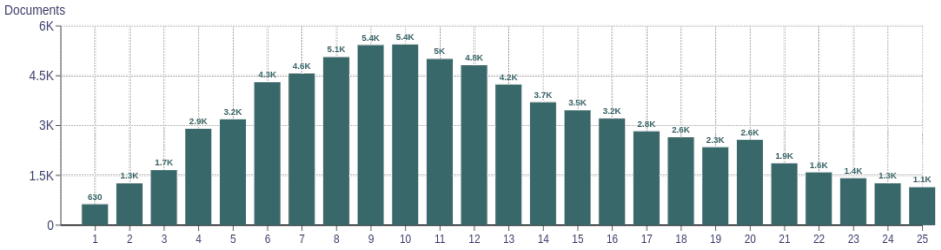
| Domain | Docs | % of total |
|---|---|---|
| igihe.com | 11K | 11.38 |
| kigalitoday.com | 4.5K | 4.88 |
| agakiza.org | 3.8K | 4.09 |
| jw.org | 2.7K | 2.87 |
| yezu-akuzwe.org | 2.6K | 2.79 |
| newsofrwanda.com | 2.4K | 2.64 |
| inyarwanda.com | 2.3K | 2.48 |
| agasaro.com | 2.3K | 2.44 |
| imirasire.com | 2.1K | 2.32 |
| umuryango.rw | 2K | 2.18 |

## Top 10 TLDs

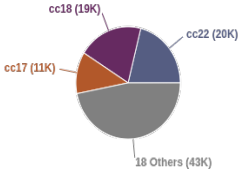
| Domain | Docs | % of total |
|---|---|---|
| com | 54K | 58.54 |
| org | 17K | 18.60 |
| rw | 13K | 13.82 |
| fr | 2.3K | 2.43 |
| co.rw | 1.5K | 1.64 |
| gov.rw | 1.4K | 1.48 |
| net | 1K | 1.11 |
| info | 453 | 0.49 |
| be | 232 | 0.25 |
| ca | 215 | 0.23 |

## Documents size (in segments)

**<= 25** segments **82.52%** (76K documents)
**> 25** segments **17.48%** (16K documents)

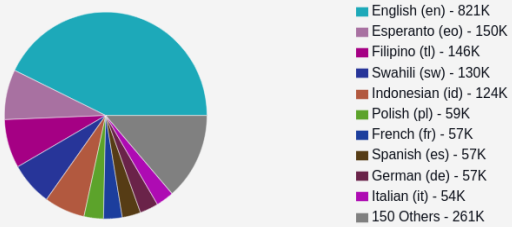



## Documents by collection



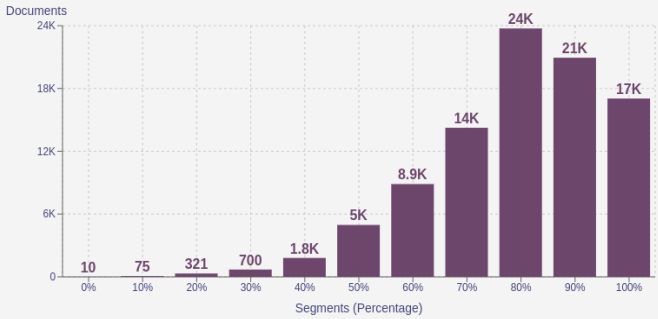

## Language Distribution

### Number of segments



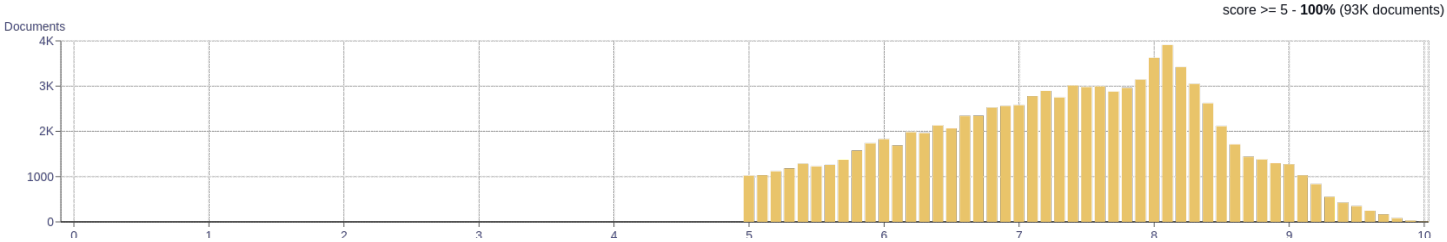

*Kinyarwanda (rw) identification might be inaccurate because language is not supported by Fasttext

### Percentage of segments in Kinyarwanda (rw) inside documents



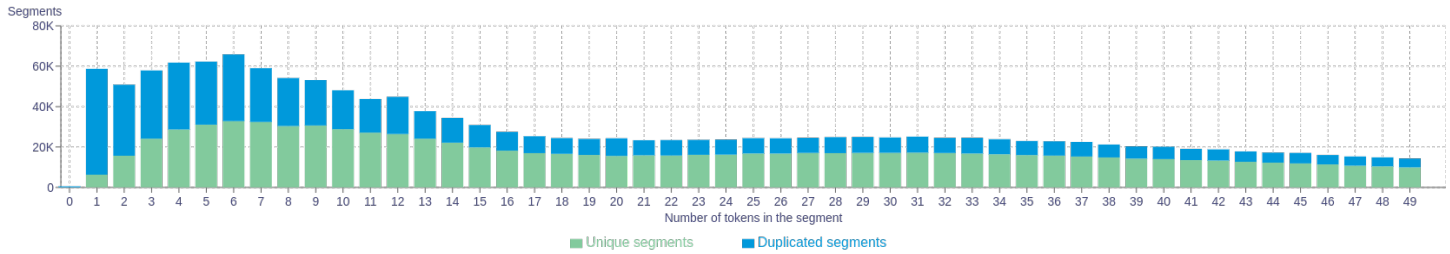

## Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (93K documents)

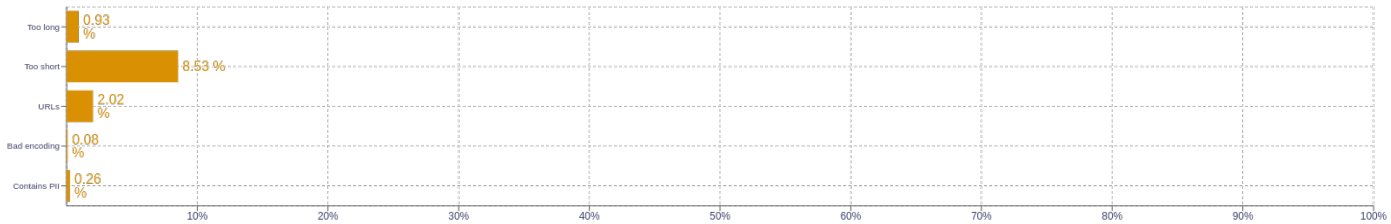



## Segment length distribution by token

**<= 49** tokens = **894K** segments | **617K** duplicates
**> 50** tokens = **406K** segments | **137K** duplicates




## Segment noise distribution



### Frequent n-grams

| Size | n-grams |
|---|---|
| 1 | n \| 1103217 · y \| 455189 · kandi \| 364482 · imana \| 319325 · w \| 249241 |
| 2 | u rwanda \| 56569 · ndetse n \| 41497 · nyuma y \| 26384 · cyangwa se \| 25683 · cyane cyane \| 21242 |
| 3 | kanda hano umusubize \| 17580 · hirya no hino \| 8877 · rimwe na rimwe \| 8137 · jenoside yakorewe abatutsi \| 6784 · mujyi wa kigali \| 5388 |
| 4 | bite bite bite bite \| 3498 · imana imuhe amahoro n \| 2147 · zunze ubumwe za amerika \| 1721 · allah amuhe amahoro n \| 1355 · ushinzwe imibereho myiza y \| 1324 |
| 5 | bite bite bite bite bite \| 3493 · hirya no hino ku isi \| 1735 · leta zunze ubumwe za amerika \| 1700 · hirya no hino mu gihugu \| 1581 · alayhi wa aalih wa sallam \| 1249 |

## 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