# **HPLT Analytics report**



## **General overview**

| Corpus           | Date      | Language     |  |
|------------------|-----------|--------------|--|
| hplt-v3-amh_Ethi | 9/16/2025 | Amharic (am) |  |

## **Volumes**

| Docs    | Segments   | Unique segments     | Tokens | Characters    | Size    |
|---------|------------|---------------------|--------|---------------|---------|
| 571,240 | 12,248,888 | 9,343,853 (76.28 %) | 367M   | 1,653,669,891 | 3.86 GB |

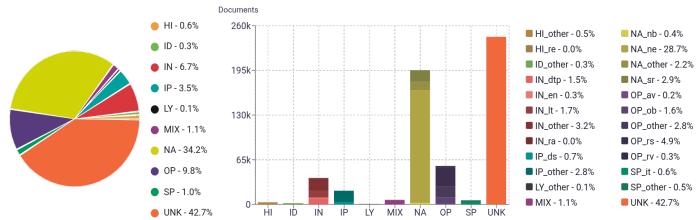
## Top 10 domains

| Domain             | Docs | % of total |  |
|--------------------|------|------------|--|
| ethiopianreport    | 19K  | 3.39%      |  |
| addisadmassnews    | 18K  | 3.23%      |  |
| fanabc.com         | 18K  | 3.20%      |  |
| soccerethiopia.net | 15K  | 2.68%      |  |
| wordpress.com      | 14K  | 2.45%      |  |
| dw.com             | 11K  | 1.87%      |  |
| voanews.com        | 10K  | 1.79%      |  |
| al-ain.com         | 9.7K | 1.70%      |  |
| ethioreference.com | 9.7K | 1.70%      |  |
| ethioexplorer.com  | 9.7K | 1.69%      |  |
|                    |      |            |  |

## Top 10 TLDs

| Domain | Docs | % of total |
|--------|------|------------|
| com    | 419K | 73.37%     |
| org    | 37K  | 6.49%      |
| net    | 23K  | 4.00%      |
| gov.et | 13K  | 2.22%      |
| et     | 12K  | 2.16%      |
| zone   | 7.6K | 1.32%      |
| news   | 4.6K | 0.80%      |
| no     | 3.9K | 0.68%      |
| edu.et | 3.6K | 0.63%      |
| us     | 3.3K | 0.58%      |

## **Register labels**



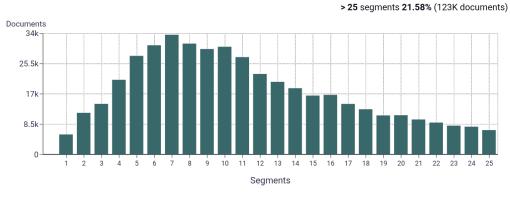
**७ MT**:36.7% | 210K Documents

## Documents size (in segments) ①

≤ 25 segments 78.42% (448K documents)

## **Document collections**

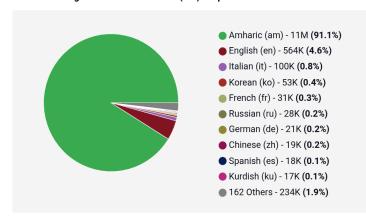
CC = 93.45% IA = 6.55%



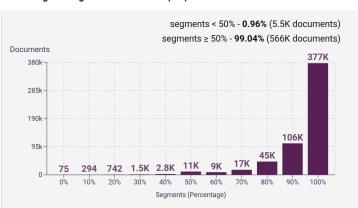


## **Language Distribution**

## Number of segments in the Amharic (am) corpus

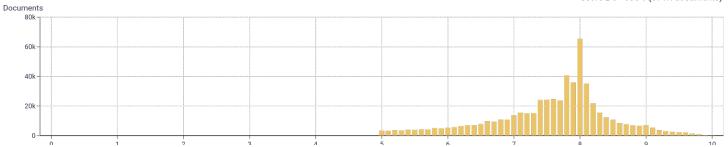


## Percentage of segments in Amharic (am) inside documents



## Distribution of documents by document score

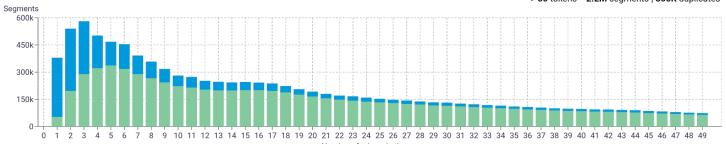
score < 5 - 0% (0 documents) score  $\geq 5 - 100\%$  (571K documents)



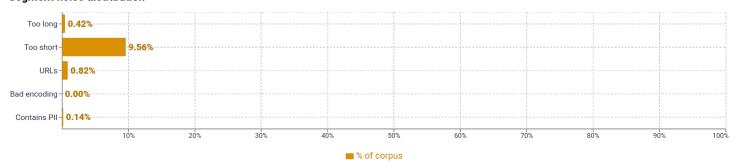
## Segment length distribution by token

≤ 49 tokens = 10M segments | 2.6M duplicates

> 50 tokens = 2.2M segments | 305K duplicates



## Segment noise distribution



## Frequent n-grams

| SIZE | N-GRAMS  |   |
|------|--|---|
| 1    | ቤት   588,029 ስው   526,160 ብዙ   515,527 ሰዎች   475,288 ከፍተኛ   471,026  | C |
| 2    | ዓመተ ምህረት   166,325 🌙 ቅድሚያ የሚሰጡዋቸውን   110,154 🌙 ኢዲስ አበባ   109,711 🔾 ዓመተ ምህረት.   100,547 🗸 ሙሉ በሙሉ   90,703             |   |
| 3    | አዓዲስ ግምገማዎች በይፋ   28,412 📗 ኢፍ ቢ ሲ   17,971 📗 ጠቀጣ ጠቀጣ   17,619 💮 ተወክዮች ምክር ቤት   16,252 👚 ስለጀመሩ ቅድሚያ የሚሰጡዋቸውን   15,924 |   |
| 4    | ሽቀጣ ሽቀጣ ሽቀጣ   16,861 አስተደየት ለመስጠት የመጀመሪያው ደሁኑ   12,579 ብቅ ብቅ ብቅ ብቅ በ   11,189 ማግማዎች ላይ ያለው ስምዎ   10,205              | C |
| 5    | ሽቀጣ ሽቀጣ ሽቀጣ ሽቀጣ ሽቀጣ   16,139   | 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    |