# HPLT Analytics report

HPLTAnalytics

## General overview

| Corpus | Date | Language |
|---|---|---|
| khm_Khmr.jsonl.tsv | 9/26/2024 | Khmer (km) |

## Volumes

| Docs | Segments | Unique segments | Tokens | Characters | Size |
|---|---|---|---|---|---|
| 700,992 | 9,864,172 | 5,800,059 (58.80 %) | 1.5B | 2,113,232,593 | 5.48 GB |

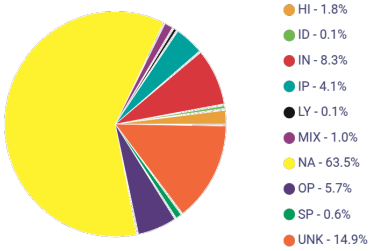
## Top 10 domains

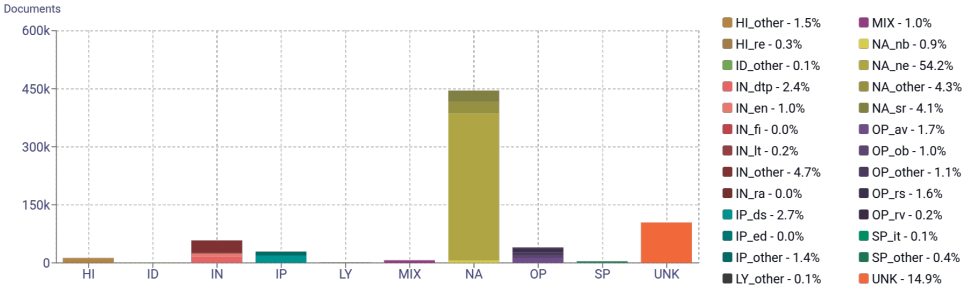
| Domain | Docs | % of total |
|---|---|---|
| khtoem.com | 22K | 3.16% |
| voanews.com | 21K | 3.07% |
| wordpress.com | 18K | 2.56% |
| monoroom.info | 16K | 2.30% |
| khmeread.com | 14K | 1.98% |
| nokorwatnews.com | 12K | 1.78% |
| freshnewsasia.com | 11K | 1.57% |
| sabay.com.kh | 10K | 1.44% |
| rasmeinews.com | 9.2K | 1.31% |
| postkhmer.com | 8.6K | 1.23% |

## Top 10 TLDs

| Domain | Docs | % of total |
|---|---|---|
| com | 419K | 59.75% |
| com.kh | 58K | 8.27% |
| icu | 38K | 5.44% |
| org | 37K | 5.31% |
| gov.kh | 34K | 4.86% |
| info | 26K | 3.67% |
| net | 17K | 2.39% |
| vn | 13K | 1.90% |
| news | 11K | 1.61% |
| org.kh | 11K | 1.52% |

## Register labels

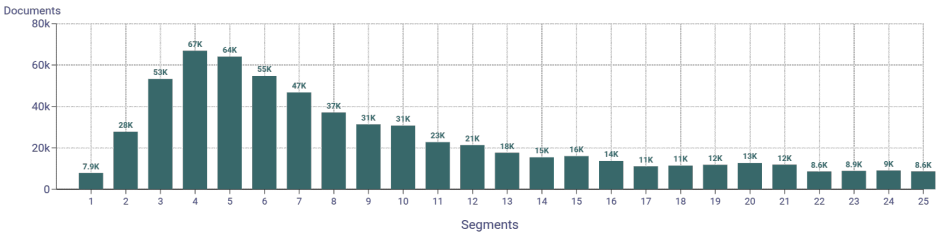



**MT**:9.7% | 68K Documents

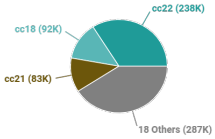
## Documents size (in segments)

**<= 25** segments **88.59%** (621K documents)
**> 25** segments **11.41%** (80K documents)



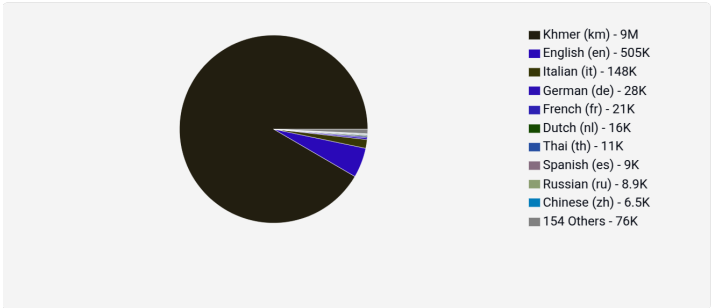

## Documents by collection

**CC = 70.00%**
**IA = 30.00%**

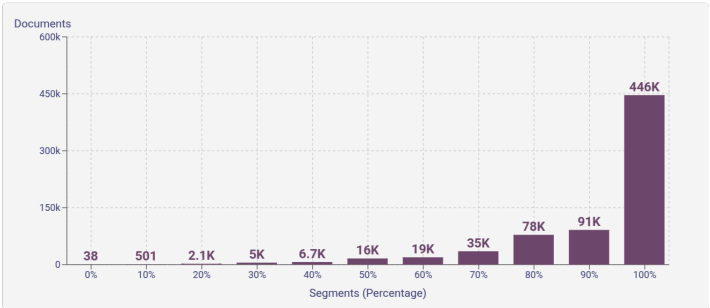



## Language Distribution

### Number of segments in the Khmer (km) corpus

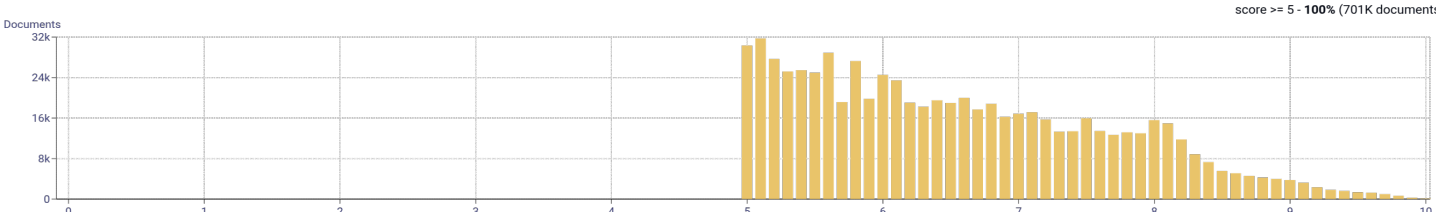



### Percentage of segments in Khmer (km) inside documents



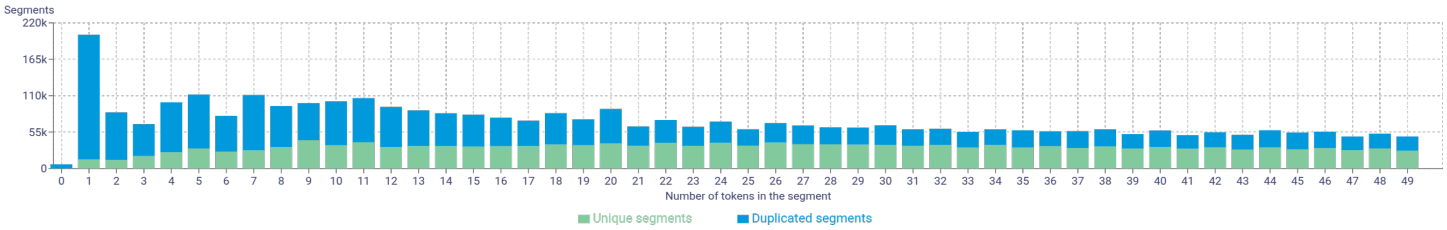

## Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (701K documents)

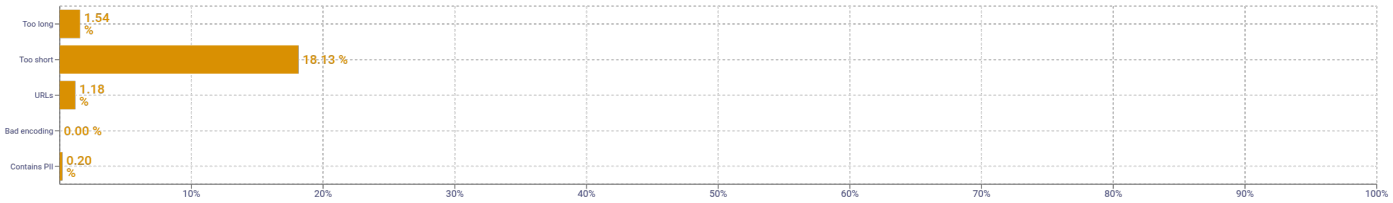


### Segment length distribution by token

**≤ 49** tokens = **1.6M** segments | **2M** duplicates
**> 50** tokens = **6.3M** segments | **2M** duplicates




### Segment noise distribution




### Frequent n-grams

| Size | n-grams |
|---|---|
| 1 | ន \| 47850531 · ។ \| 40593396 · ក \| 35971657 · ក \| 31393488 · ប \| 31022979 |
| 2 | ន ន \| 503541 · world cup \| 502430 · ។ ន \| 414159 · ន ស \| 407861 · ង ន \| 405408 |
| 3 | fifa world cup \| 45367 · ង world cup \| 45159 · qatar world cup \| 35895 · ក សម អ \| 32137 · world cup qatar \| 31281 |
| 4 | fifa world cup qatar \| 15154 · pro evolution soccer ឈ្ន \| 7634 · opens in new window \| 5251 · click to share on \| 5250 · ចេញ world cup ន \| 4833 |
| 5 | to cnrp radio at national \| 2547 · read more khmer news and \| 2547 · radio at national rescue party \| 2547 · please read more khmer news \| 2547 · news and listen to cnrp \| 2547 |

## 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. |
|---|---|
| **Machine-translated** | MT |
| **Lyrical** | LY |
| **Spoken** | SP |
| Interview | it |
| **Interactive discussion** | ID |
| **Narrative** | NA |
| News report | ne |
| Sports report | sr |
| Narrative blog | nb |

| Name | Abbr. |
|---|---|
| **How-to or instructions** | **HI** |
| Recipe | re |
| **Informational persuasion** | **IP** |
| Description with intent to sell | ds |
| News & opinion blog or editorial | ed |
| **Informational description** | **IN** |
| Enciclopedia article | en |
| Research article | ra |

| Name | Abbr. |
|---|---|
| Description of a thing or person | dtp |
| FAQ | fi |
| Legal terms & conditions | lt |
| **Opinion** | **OP** |
| Review | rv |
| Opinion blog | ob |
| Denominational religious blog or sermon | rs |
| Advice | av |