# HPLT Analytics report

HPLTAnalytics

## General overview

| Corpus | Date | Language |
|---|---|---|
| hplt-v3-aeb_Arab | 10/3/2025 | Tunisian Arabic |

## Volumes

| Docs | Segments | Unique segments | Duplication ratio | Tokens | Characters | Size |
|---|---|---|---|---|---|---|
| 177 | 2,462 | 1,993 (80.95 %) | 19.05% | 33K | 175,248 | 306.79 KB |

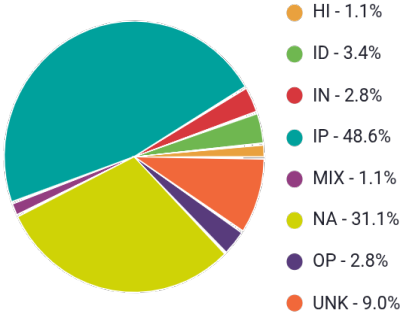
## Top 10 domains

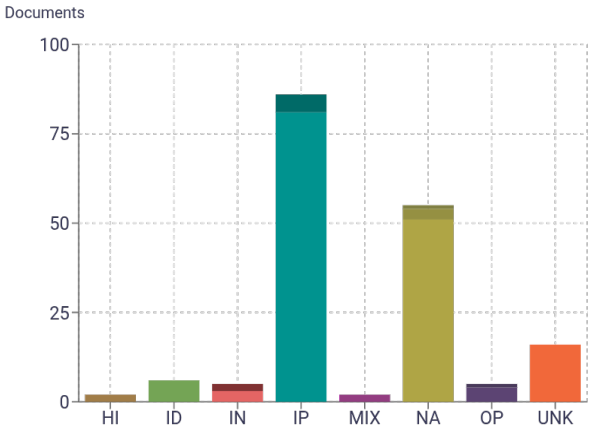
| Domain | Docs | % of total |
|---|---|---|
| q3sk.online | 18 | 10.17% |
| esheek.cam | 16 | 9.04% |
| shahline.net | 9 | 5.08% |
| blogspot.com | 4 | 2.26% |
| tunmix.com | 3 | 1.69% |
| tunisiaface.net | 3 | 1.69% |
| tadwinet.net | 3 | 1.69% |
| journaltunisie.net | 3 | 1.69% |
| elriyadh.news | 3 | 1.69% |
| aratk.com | 3 | 1.69% |

## Top 10 TLDs

| Domain | Docs | % of total |
|---|---|---|
| com | 72 | 40.68% |
| net | 35 | 19.77% |
| online | 19 | 10.73% |
| cam | 16 | 9.04% |
| tn | 9 | 5.08% |
| news | 3 | 1.69% |
| info | 3 | 1.69% |
| org | 2 | 1.13% |
| me | 2 | 1.13% |
| live | 2 | 1.13% |

## Register labels



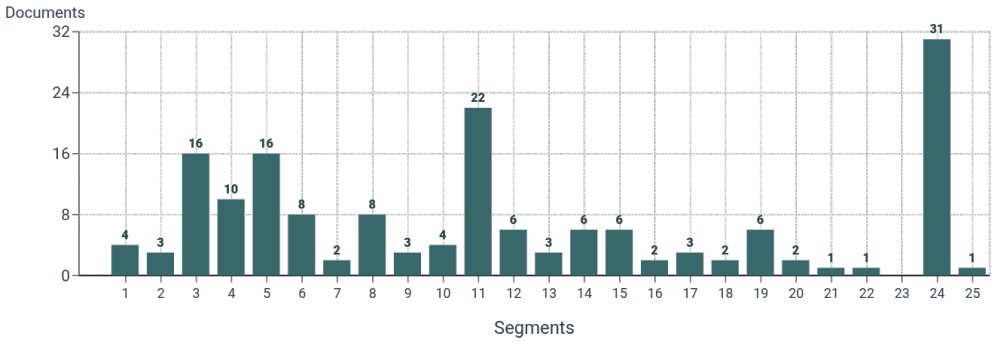




HI_re - 1.1% | MIX - 1.1%
ID_other - 3.4% | NA_ne - 28.8%
IN_dtp - 1.7% | NA_other - 1.7%
IN_other - 1.1% | NA_sr - 0.6%
IP_ds - 45.8% | OP_ob - 2.3%
IP_other - 2.8% | OP_other - 0.6%
UNK - 9.0%

**MT**:1.1% | 2 Documents

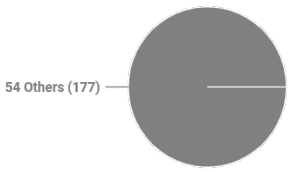
## Documents size (in segments)

**≤ 25** segments **93.79%** (166 documents)
**> 25** segments **6.21%** (11 documents)



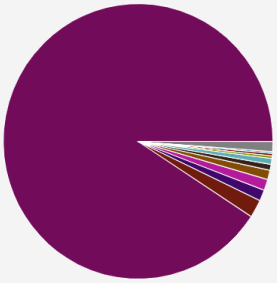

## Document collections

**CC = 88.14%**
**IA = 11.86%**



## Language Distribution

### Number of segments in the Tunisian Arabic corpus

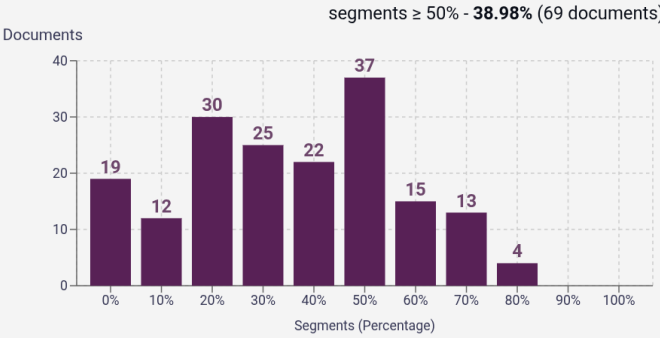


- Arabic - 2.2K **(90.8%)**
- Persian - 52 **(2.1%)**
- Italian - 32 **(1.3%)**
- Egyptian Arabic - 32 **(1.3%)**
- English - 27 **(1.1%)**
- Turkish - 17 **(0.7%)**
- French - 17 **(0.7%)**
- Aragonese - 8 **(0.3%)**
- Azerbaijani - 7 **(0.3%)**
- Urdu - 5 **(0.2%)**
- 18 Others - 29 **(1.2%)**

*Tunisian Arabic identification might be inaccurate because it is not supported by FastSpell.

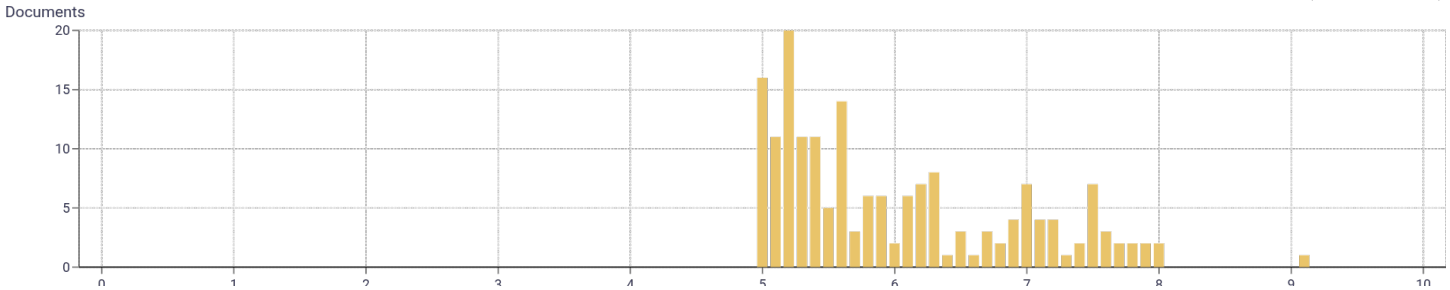
### Percentage of segments in Tunisian Arabic inside documents

segments < 50% - **61.02%** (108 documents)
segments ≥ 50% - **38.98%** (69 documents)



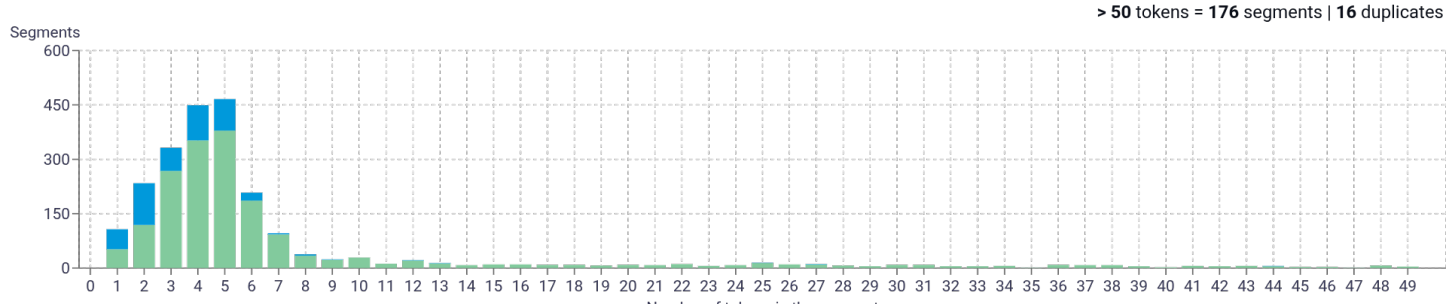

### Distribution of documents by document score

score < 5 - **0%** (0 documents)
score ≥ 5 - **100%** (177 documents)

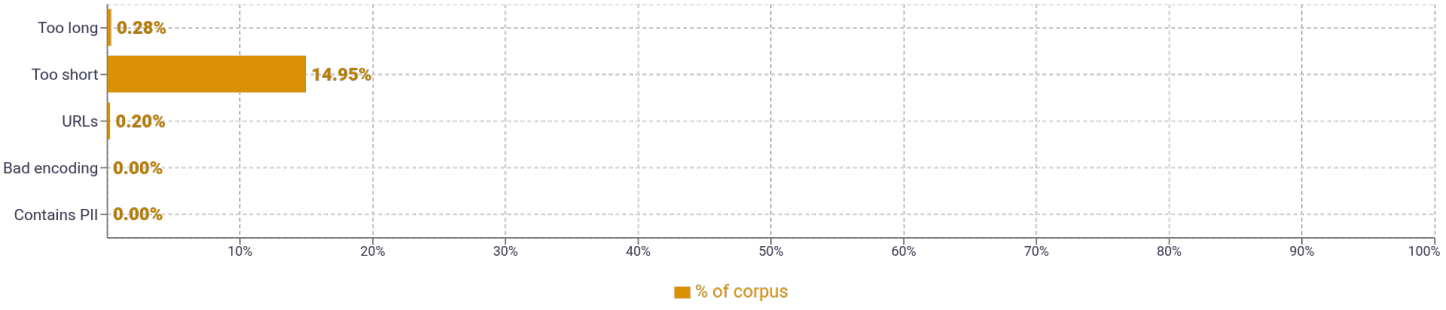



### Segment length distribution by token

**≤ 49** tokens = **2.3K** segments | **453** duplicates
**> 50** tokens = **176** segments | **16** duplicates




### Segment noise distribution



### Frequent n-grams

| SIZE | N-GRAMS |
|---|---|
| 1 | مسلسل \| 859 · الحلقة \| 641 · صيانة \| 358 · بوش \| 339 · قناة \| 178 |
| 2 | صيانة كريازي \| 116 · صيانة بوش \| 87 · صيانة سيلتال \| 66 · ورقة ورقة \| 65 · رقم صيانة \| 59 |
| 3 | ورقة ورقة ورقة \| 63 · قناة الحوار التونسي \| 40 · موقع قصة عشق \| 35 · رقم صيانة بوش \| 32 · مشاهدة وتحميل مسلسل \| 29 |
| 4 | ورقة ورقة ورقة ورقة \| 61 · وتدور قصة المسلسل حول \| 27 · صيانة بوش بكفر الشيخ \| 23 · رقم صيانة بوش بكفر \| 23 · رقم صيانة ثلاجات بوش \| 20 |
| 5 | ورقة ورقة ورقة ورقة ورقة \| 59 · رقم صيانة بوش بكفر الشيخ \| 23 · وعلى موقع قصة عشق بالترجمة \| 16 · موقع قصة عشق بالترجمة العربية \| 16 · مشاهدة مسلسل زهرة الثالوث الحلقة \| 15 |

## 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 | | | | |