HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Source language	Target language
HPLT.en-sr	10/24/2023	English (en)	Serbian (sr)

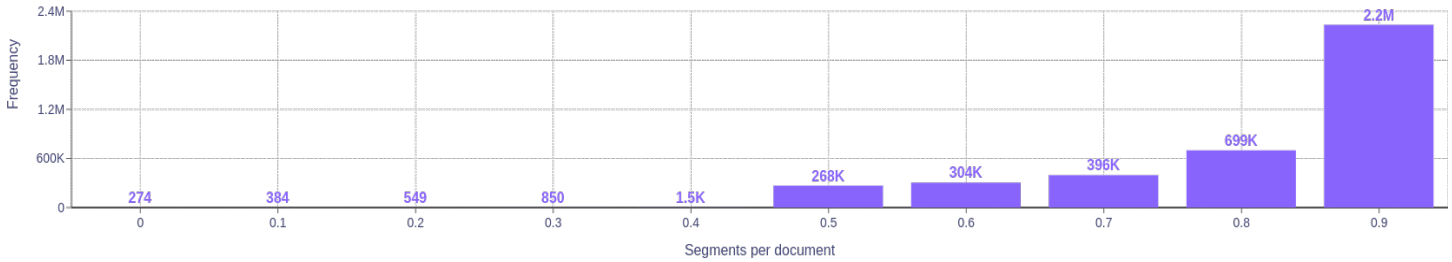
Volumes

Segments	Unique segments	Src tokens	Trg tokens	Src size	Trg size
3,904,423	2,488 (0.06 %)	63M	61M	325.13 MB	343.9 MB

Type-Token Ratio

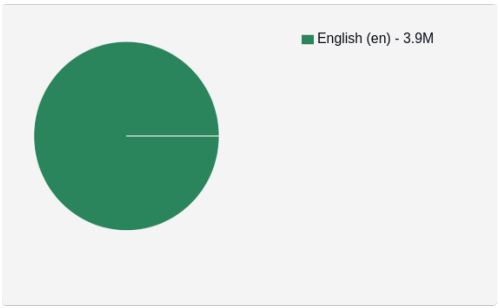
Source	Target
0.01	0.02

Translation likelihood

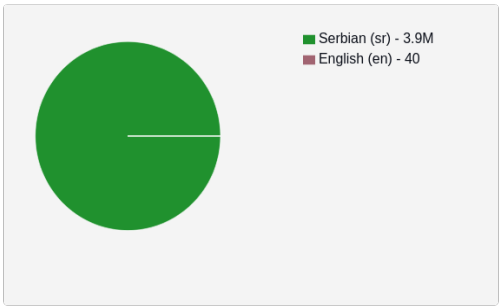


Language Distribution

Source



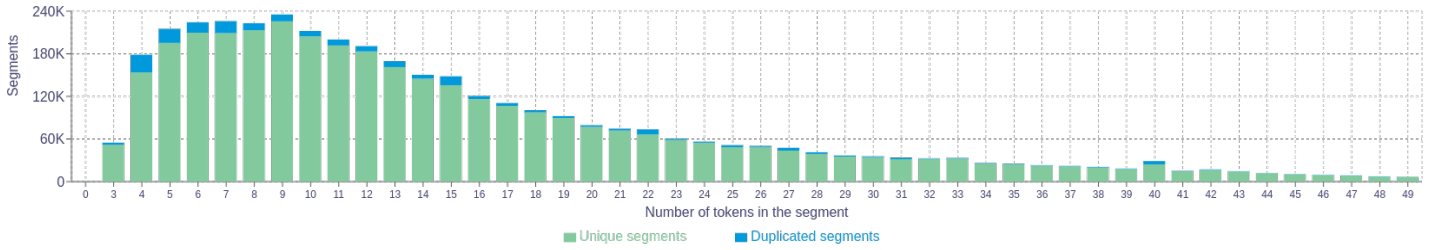
Target



Source segment length distribution by token

<= 49 tokens = **3.6M** segments | **207K** duplicates

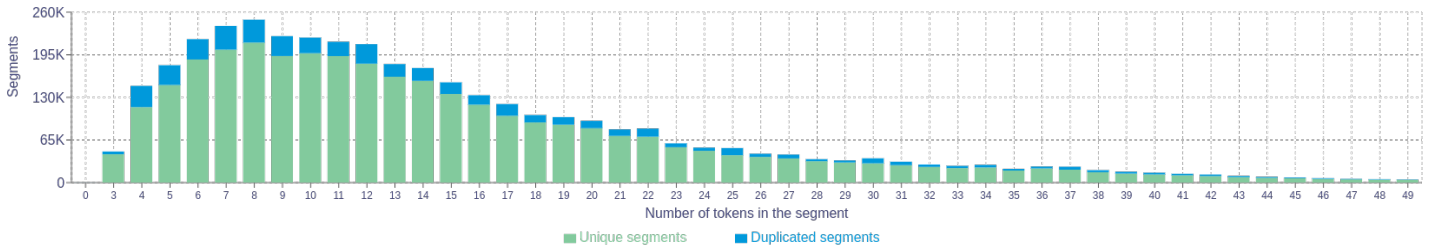
> 50 tokens = **79K** segments | **2.9K** duplicates



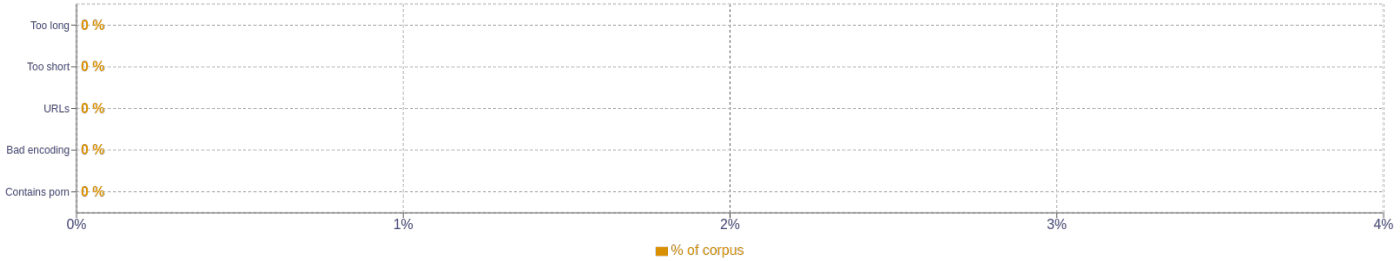
Target segment length distribution by token

<= 49 tokens = **3.3M** segments | **514K** duplicates

> 50 tokens = **62K** segments | **8.5K** duplicates



Segment pair noise distribution



Source n-grams

Size	n-grams
1	hotels | 429345 · hotel | 314216 · best | 213308 · near | 168628 · new | 142956
2	hotels near | 98205 · traveller rating | 58694 · see availability | 39633 · best hotels | 39523 · personal data | 36686
3	opens in new | 33796 · reservations with confidence | 33545 · proud to partner | 33275 · tripadvisor is proud | 33272 · reserves the right | 27892
4	opens in new window | 33780 · temporarily hold an amount | 25831 · right to temporarily hold | 25831 · hold an amount prior | 25831 · amount prior to arrival | 25831
5	tripadvisor is proud to partner | 33272 · reserves the right to temporarily | 25835 · temporarily hold an amount prior | 25831 · cards and reserves the right | 25830 · accepts these cards and reserves | 25830

Target n-grams

Size	n-grams
1	u | 1727729 · i | 1605161 · za | 982618 · na | 837510 · da | 804972
2	u blizini | 203397 · hoteli u | 179046 · u mestu | 122558 · u gradu | 82214 · da li | 75543
3	hoteli u blizini | 89365 · u blizini znamenitosti | 70223 · porodični hoteli u | 37051 · u novom prozoru | 33818 · se u novom | 33683
4	hoteli u blizini znamenitosti | 63477 · se u novom prozoru | 33655 · otvara se u novom | 33655 · pravite bezbedne rezervacije za | 33642 · možete da pravite bezbedne | 33642
5	otvara se u novom prozoru | 33655 · možete da pravite bezbedne rezervacije | 33642 · jer možete da pravite bezbedne | 33642 · da pravite bezbedne rezervacije za | 33642 · tripadvisor je ponosan na partnerstvo | 33273

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).

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.

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