# **HPLT Analytics report**



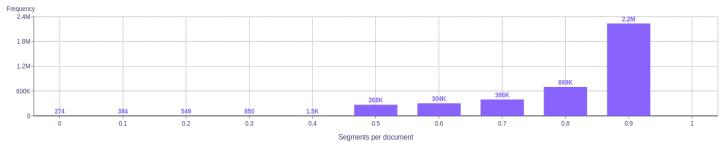
### General overview

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

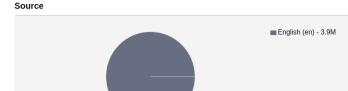
### Volumes

Segments	Unique segments	Src tokens	Trg tokens	Src size	Trg size	Src characters	Trg characters
3,904,423	3,904,384 (100.00 %)	63M	61M	325.13 MB	343.9 MB		

### Translation likelihood



# Language Distribution







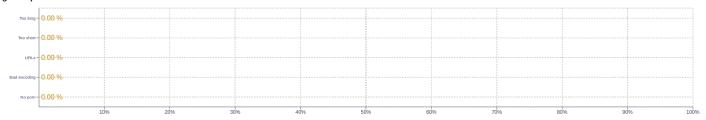
## Source segment length distribution by token



# Target segment length distribution by token



## 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)	
_	(tripadvisor is proud to partner   33272) (reserves the right to temporarily   25835) (temporarily hold an amount prior   25831) (cards and reserves the right   25830)	
5	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)				
	otvara se u novom prozoru   33655) (možete da pravite bezbedne rezervacije   33642) (jer možete da pravite bezbedne   33642) (da pravite bezbedne rezervacije za   33642)				
5	(tripadvisor je ponosan na partnerstvo   33273				

## **About HPLT Analytics**

### Volumes - Segments

 $Segments\ correspond\ to\ paragraph\ and\ list\ boundaries\ as\ defined\ by\ HTML\ elements\ (\ \ \ \ \ \ \ \ etc.)\ replaced\ by\ newlines.$ 

# 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)

 $Segments\ correspond\ to\ paragraph\ and\ list\ boundaries\ as\ defined\ by\ HTML\ elements\ (\ \ \ \ \ \ \ \ \ \ \ \ )\ replaced\ by\ newlines.$ 

#### 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

 $To kenized \ with \ https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md$ 

### 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