# **HPLT Analytics report**

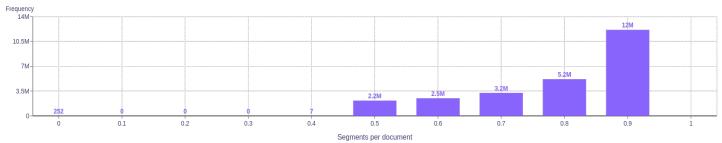


## General overview

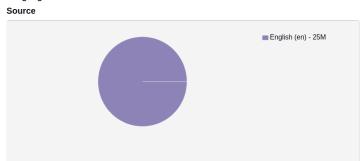
	Corpus	Analytics date	Source language	Target language
	HPLT.en-fi	10/30/2023	English (en)	Finnish (fi)
١	Volumes			

Segments	Unique segments	Src tokens	Trg tokens	Src size	Trg size	Src characters	Trg characters
25,176,714	25,176,463 (100.00 %)	397M	323M	1.95 GB	2.12 GB		

## Translation likelihood

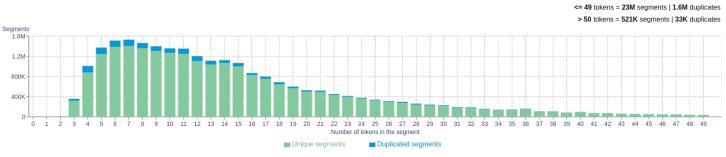


# Language Distribution





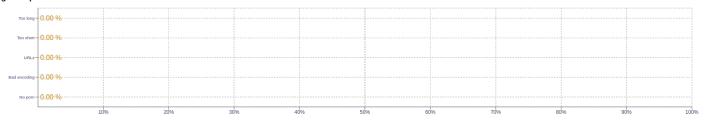
## Source segment length distribution by token



# Target segment length distribution by token



# Segment pair noise distribution



### Source n-grams

Size	n-grams
1	(hotels   1434341) (hotel   1171628) (best   947170) (near   911394) (used   907998)
2	(hotels near   492361) (weather forecast   319926) (car hire   298363) (love balls   242893) (cheap flights   235100)
3	(year of manufacture   151215) (condition not indicated   99083) (weather forecast would   91964) (quickly and easily   89491) (find the best   88323)
4	(weather will be like   85133) (get the best price   70732) (things to do near   70415) (prices from either machinery   69472) (machinery dealers or private   69472)
5	rentalcars.com and you can amend   71441) (amend your booking for free   71440) (prices from either machinery dealers   69472) (machinery dealers or private   69472) (either machinery dealers or private   69472)

## Target n-grams

Size	n-grams			
1	kohteessa   1345032     lähellä   994557     hotellit   966599     hotel   693268     käytetty   623117			
2	(lähellä paikkaa   456190)   (hotellit lähellä   429057)   (lähellä kohdetta   247757)   (halvat lennot   209498)   (tulee olemaan   181407)			
3	(hotellit lähellä paikkaa   292322) (ravintolat lähellä paikkaa   155035) (vertaa lentojen hintoja   152479) (halvinta hintaa lennoillesi   108073) (haetko halvinta hintaa   108073)			
4	(haetko halvinta hintaa lennoillesi   108073) (sää malli tulee olemaan   87392) (verkossa nopeasti ja helposti   86785) (tehdä varauksen verkossa nopeasti   86785) (tehdä varauksen verkossa nopeasti   86785) (tehdä varauksen verkossa nopeasti   86785)			
5	(voit lukea asiakasarvosteluita sekä tehdä   86785) (varauksen verkossa nopeasti ja helposti   86785) (lukea asiakasarvosteluita sekä tehdä varauksen   86785) (siakasarvosteluita sekä tehdä varauksen verkossa   86785) (voit muuttaa varaustasi ilman muutoskuluja   71258)			

# **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.sitinfo.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

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

## 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