HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Date	Language
ckb_Arab.jsonl.tsv	9/20/2024	Central Kurdish (ckb)

Volumes

Docs	Segments	Unique segments	Tokens	Characters	Size
273,745	5,225,884	2,963,957 (56.72 %)	171M	907,857,638	1.55 GB

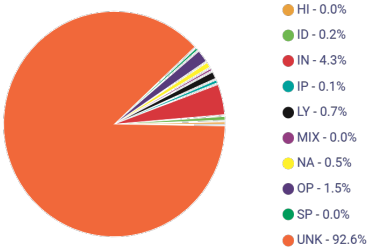
Top 10 domains

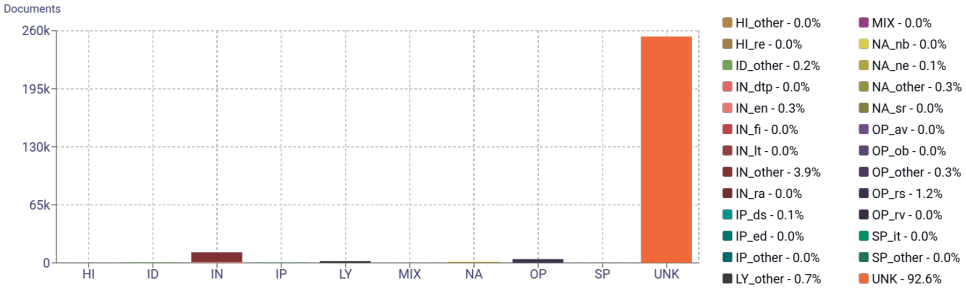
Domain	Docs	% of total
dengiamerika.com	38K	13.82%
hawlati.co	7.8K	2.85%
blogfa.com	6.2K	2.28%
awene.com	5.1K	1.87%
penusakan.com	4.6K	1.70%
kurdistantv.net	4.4K	1.60%
dangiislam.org	4.3K	1.58%
blogspot.com	3.9K	1.42%
payam.tv	3.8K	1.41%
wishe.net	3.7K	1.35%

Top 10 TLDs

Domain	Docs	% of total
com	140K	50.97%
net	50K	18.38%
org	33K	12.22%
co	10K	3.80%
info	7.3K	2.68%
krd	6.8K	2.47%
tv	6.4K	2.35%
ir	3.7K	1.33%
ca	3.6K	1.33%
se	2.2K	0.80%

Register labels

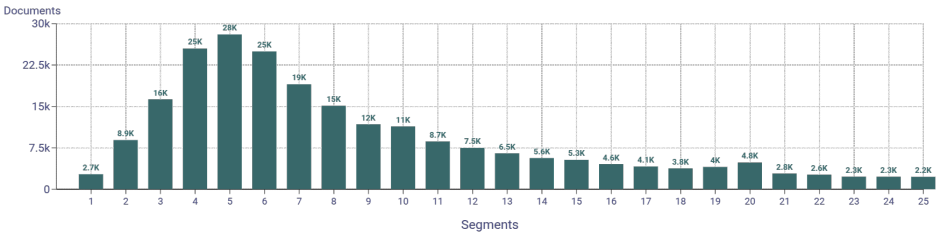




MT:67.0% | 183K Documents

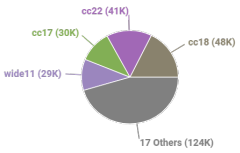
Documents size (in segments)

<= 25 segments **84.34%** (231K documents)
> 25 segments **15.66%** (43K documents)



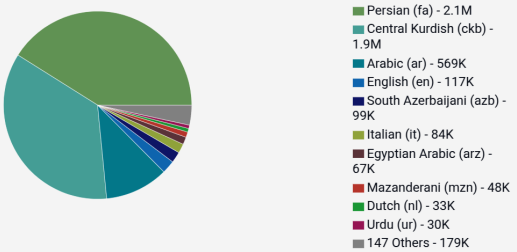
Documents by collection

CC = 54.16%
IA = 45.84%

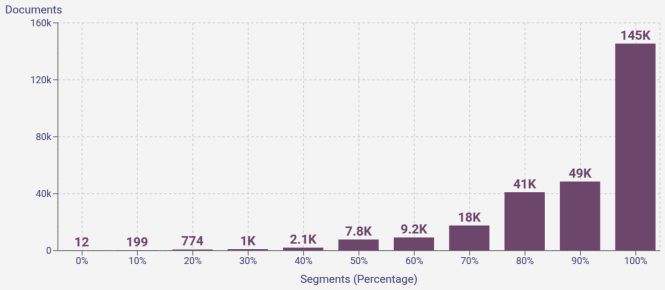


Language Distribution

Number of segments in the Central Kurdish (ckb) corpus

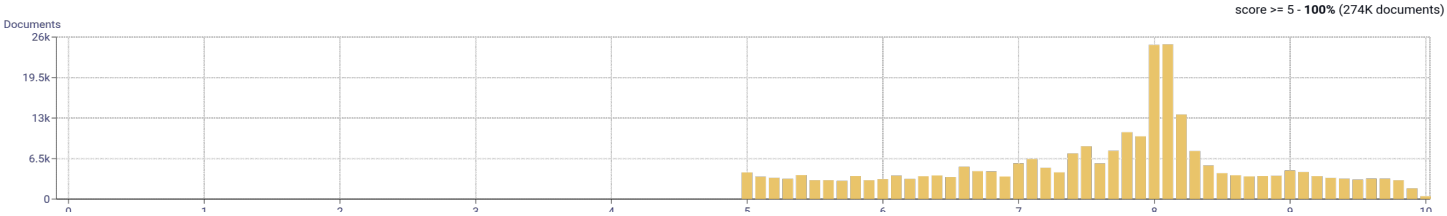


Percentage of segments in Central Kurdish (ckb) inside documents



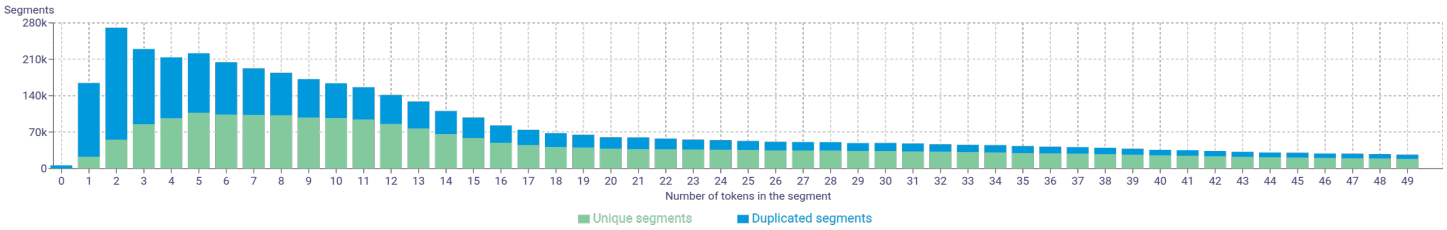
Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (274K documents)

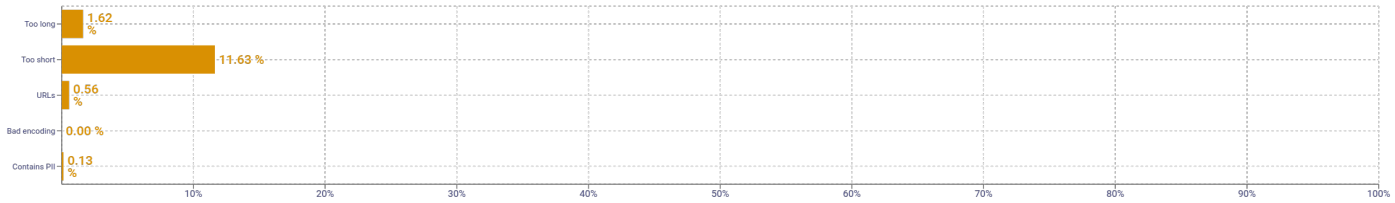


Segment length distribution by token

≤ **49** tokens = **2.3M** segments | **1.9M** duplicates
> **50** tokens = **994K** segments | **327K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	6089957 | ی · 4498158 | لە · 1204616 | کە · 1168762 | ئەو · 933437 | کە
2	181781 | ان ی · 169315 | یەک ی · 128083 | ی ی · 105117 | ی ش · 89001 | کە لە
3	43848 | لە سالّ ی · 41560 | ولّات ان ی · 29221 | خوا ی گەورە · 26341 | الله علیه وسلم · 24269 | صلی الله علیه
4	22939 | صلی الله علیه وسلم · 18964 | صلی الله علیه وسلم · 7223 | لە ولّات ان ی · 5153 | شا یان ی باسه · 5148 | لە ڕێگەی کلیـکـکردنی ئەو
5	5113 | لە ڕێگەی کلیـکـکردنی ئەو فایله · 3358 | ڕێگەی کلیـکـکردنی ئەو فایله دهنـگیـیانهی · 3346 | خوا ی لێ بن ت · 2494 | خوا ی لهسهر بن ت · 2072 | گفتوگۆکه بن له ڕێگەی کلیـکـکردنی

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