HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Date	Language
cym_Latn.jsonl.tsv	12/13/2024	Welsh (cy)

Volumes

Docs	Segments	Unique segments	Tokens	Characters	Size
758,127	15,568,883	7,875,808 (50.59 %)	491M	2,387,082,330	2.25 GB

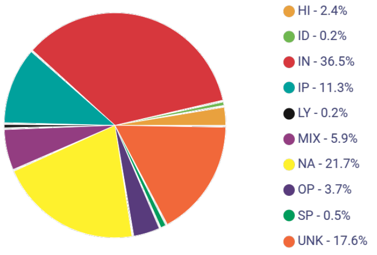
Top 10 domains

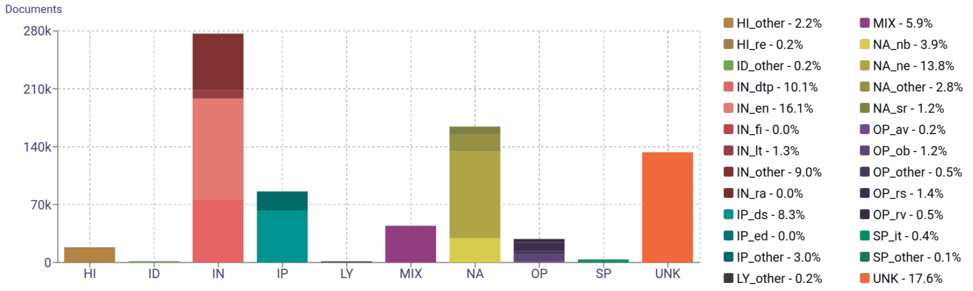
Domain	Docs	% of total
wikipedia.org	126K	16.56%
bbc.co.uk	25K	3.33%
bbc.com	19K	2.49%
testunau.org	14K	1.86%
cardiff.ac.uk	9.9K	1.30%
llyw.cymru	9.9K	1.30%
blogspot.com	9.5K	1.25%
aber.ac.uk	9K	1.19%
soft-free-downl...	7.9K	1.04%
playgame24.com	7.3K	0.97%

Top 10 TLDs

Domain	Docs	% of total
com	191K	25.17%
org	190K	25.03%
cymru	101K	13.31%
co.uk	65K	8.51%
ac.uk	60K	7.89%
gov.uk	49K	6.50%
org.uk	41K	5.46%
wales	23K	2.97%
net	11K	1.44%
police.uk	3.8K	0.50%

Register labels

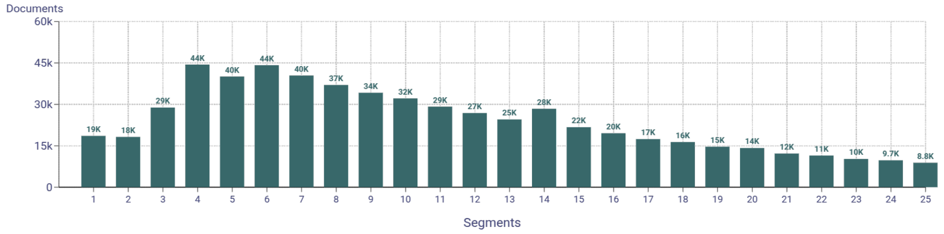




🤖 **MT**:14.8% | 112K Documents

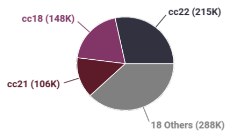
Documents size (in segments)

<= 25 segments **79.61%** (604K documents)
> 25 segments **20.39%** (155K documents)



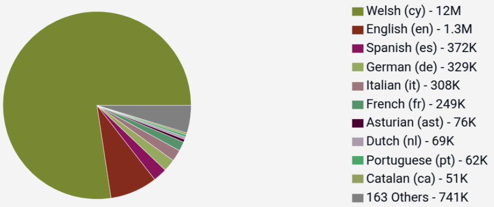
Documents by collection

CC = 76.40%
IA = 23.60%

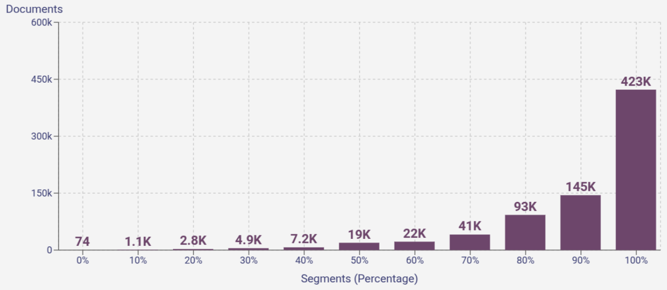


Language Distribution

Number of segments in the Welsh (cy) corpus

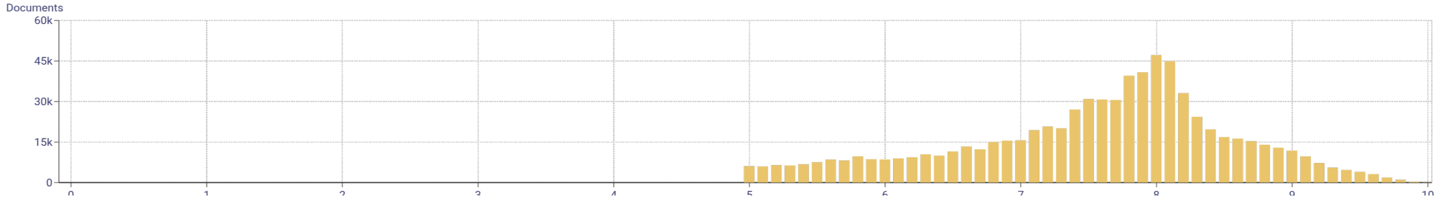


Percentage of segments in Welsh (cy) inside documents



Distribution of documents by document score

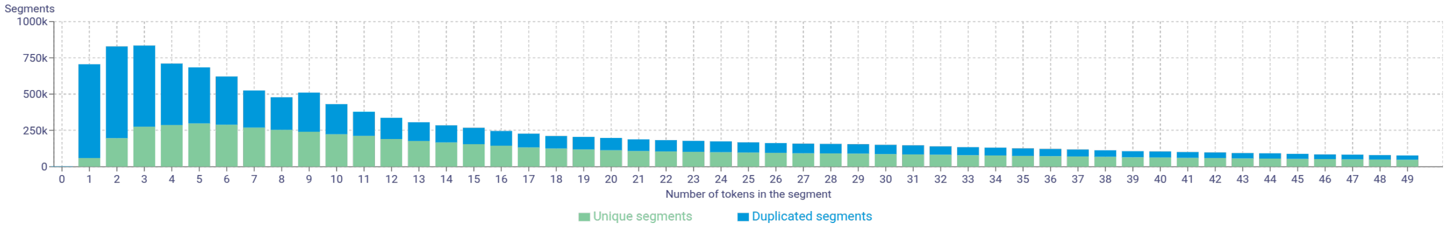
score < 5 - **0%** (0 documents)
score >= 5 - **100%** (758K documents)



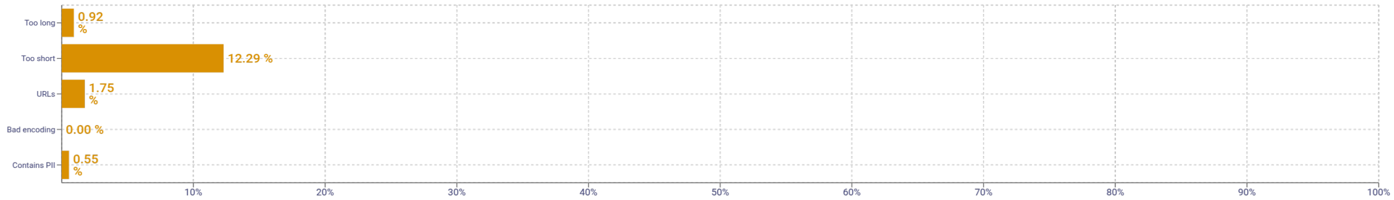
Segment length distribution by token

≤ 49 tokens = **6.1M** segments | **6.6M** duplicates

> 50 tokens = **2.9M** segments | **1.1M** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	cymru | 1146027 newydd | 675258 golygu | 512099 gwaith | 495576 cynnwys | 456748
2	golygu cod | 147766 llywodraeth cymru | 109475 plaid cymru | 44567 unol daleithiau | 42895 iechyd meddwl | 38558
3	cod y dudalen | 147345 rhagor o wybodaeth | 32955 ragor o wybodaeth | 19505 llywodraeth y du | 17851 peidiwch ag anghofio | 17208
4	golygu cod y dudalen | 147331 gêm hon gyda 'ch | 13000 plant a phobl ifanc | 12447 barn am y gêm | 10073 peidiwch ag anghofio barn | 10062
5	rhannu gêm hon gyda 'ch | 12984 gêm hon gyda 'ch ffrindiau | 12947 anghofio barn am y gêm | 10062 cymru y drindod dewi sant | 7145 lwytho i lawr y gêm | 5286

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