

# Cross-Lingual Knowledge Alignment

Experiment Design & Methodology

## 1 Input Data

Abstract	freedom, love, justice, knowledge, peace
Concrete	water, sun, tree, house, mountain
Scientific	gravity, energy
Emotion	happiness, fear, anger

15 concepts (4 categories)



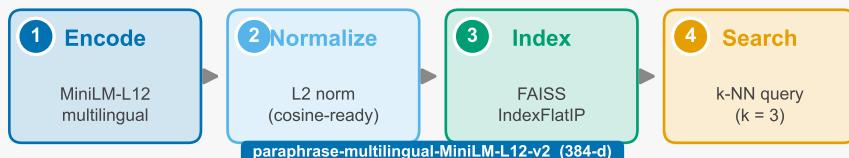
### 8 Languages

EN	English (Latin)	ZH	Chinese (Hanzi)
ES	Spanish (Latin)	JA	Japanese (Kana)
FR	French (Latin)	AR	Arabic (Arabic)
DE	German (Latin)	RU	Russian (Cyrillic)

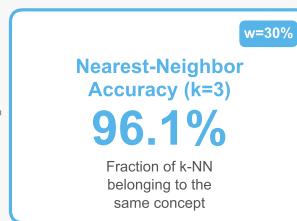
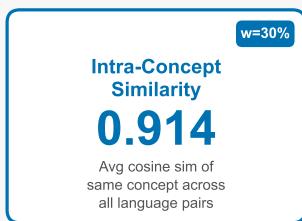
4 scripts · 120 total data points

120 texts

## 2 Processing Pipeline



## 3 Evaluation Metrics



## 4 Result

