

**Round 1 results — Run BRPHJ\_NLP1 submitted from BRPHJ\_NLP**

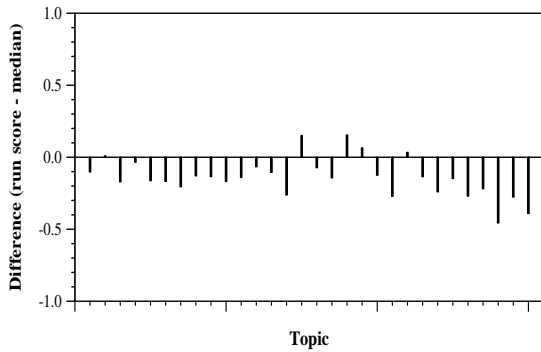
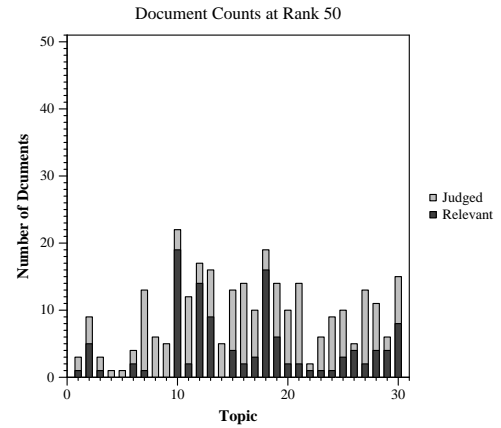
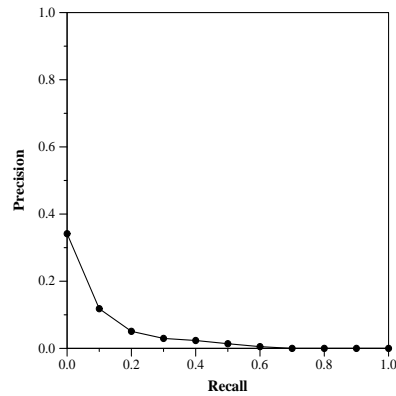
**Run Description**

We developed an information retrieval system that makes of Google Universal Sentence Encoder to embed all sentences across all documents. These sentence embeddings are then indexed into FAISS. The user query is also converted into its embedding using FAISS and searched in the FAISS index. After the sentences are returned by FAISS, we re-rank the corresponding documents using BM25 approach.

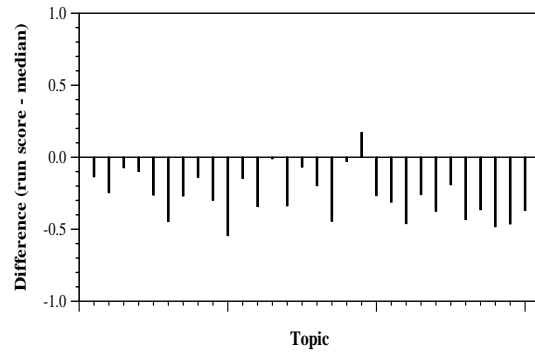
Summary Statistics	
Run ID	BRPHJ_NLP1
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	30
Total number retrieved	21461
Total relevant	2352
Total relevant retrieved	591
MAP	0.0324
Mean Bpref	0.1864
Mean NDCG@10	0.0960

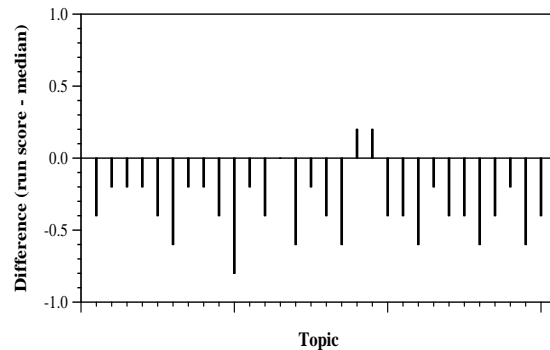
Document Level Averages	
	Precision
At 5 docs	0.1467
At 10 docs	0.1300
At 15 docs	0.1156
At 20 docs	0.1050
At 30 docs	0.0933
R-Precision	
Exact	0.0692



Per-topic difference from median bpref for all Round 1 runs



Per-topic difference from median NDCG@10 for all Round 1 runs



Per-topic difference from median P@5 for all Round 1 runs