

Round 1 results — Run sheikh_bm25_all submitted from UMASS_CIIR

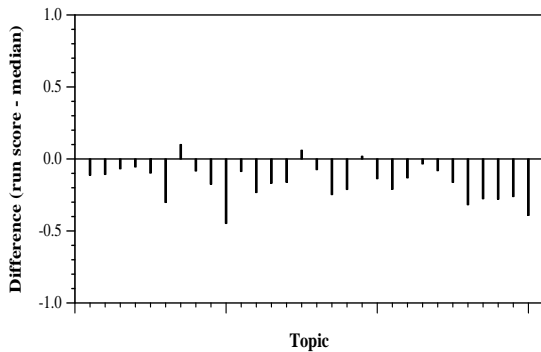
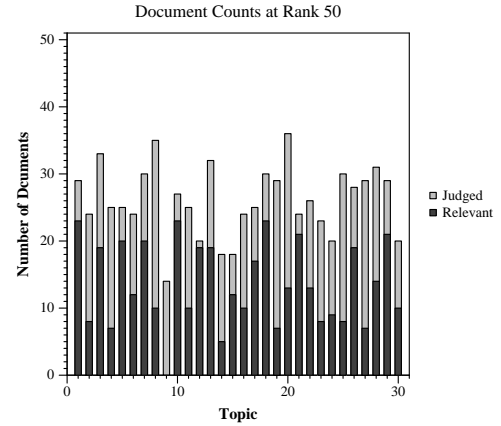
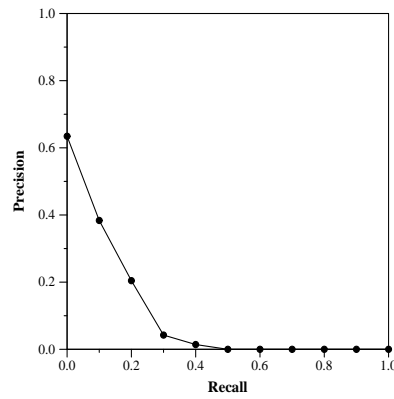
Run Description

We retrieved 50 documents using BM25 ranking algorithm. Our queries were a concatenation of query, question and narrative parts of the topic. On the 50 retrieved documents we applied search result diversification algorithm using explicit topic modeling. We found top 10 topic from the 50 retrieved documents using LDA. Then we used proportionality based diversification algorithm PM-2 proposed by Dang and Croft in SIGIR 2012 to diversify the ranked list. This algorithm finds a topic and then selects the document that best matches the topic.

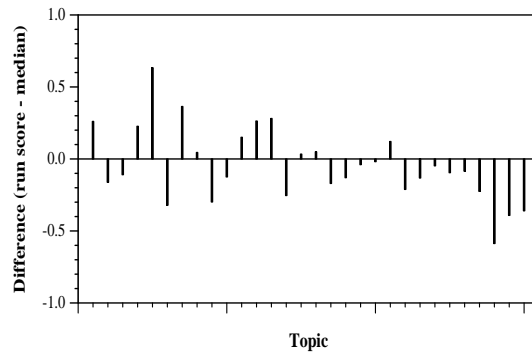
Summary Statistics	
Run ID	sheikh_bm25_all
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	30
Total number retrieved	1288
Total relevant	2352
Total relevant retrieved	407
MAP	0.0875
Mean Bpref	0.1681
Mean NDCG@10	0.3141

Document Level Averages	
	Precision
At 5 docs	0.4733
At 10 docs	0.4000
At 15 docs	0.3556
At 20 docs	0.3650
At 30 docs	0.3678
R-Precision	
Exact	0.1892

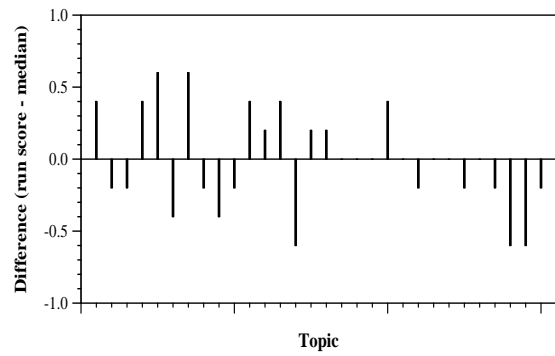


Per-topic difference from median bpref for all Round 1 runs



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

Round 1 results — Run sheikh_bm25_all submitted from UMASS_CIIR



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