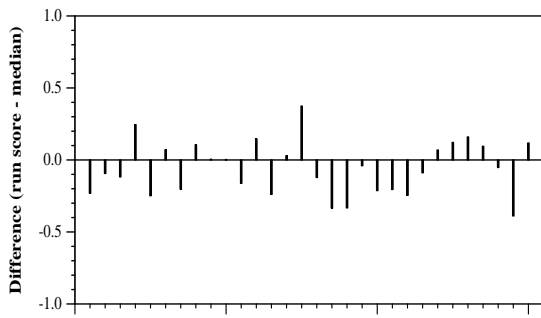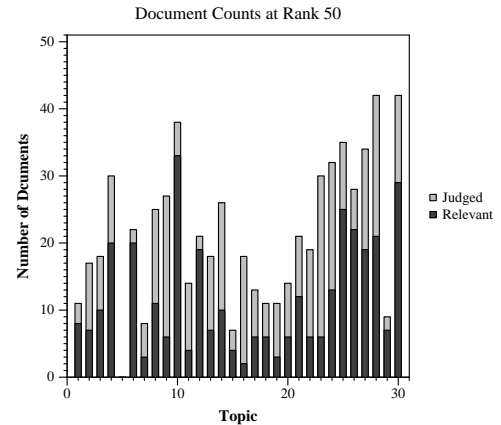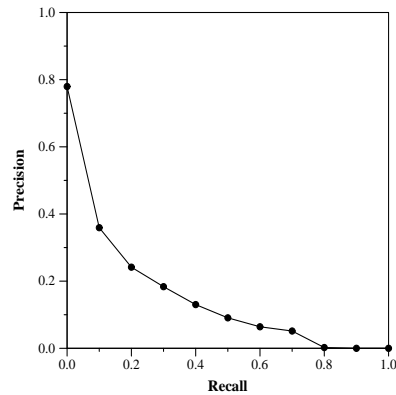## Run Description

The query was generated manually through human by reading the topic, question and narrative section of the topics file and find keywords from it. The query is then expanded through the Metamap API which extractes UMLS entities from the original query text and add similar medical entities to expand the original query. The expanded query is then sent to Elastiscsearch engine which use tf-idf model to index and use BM25 retrieval model to rank the result. Currently, all the words weigh the same inside the query.
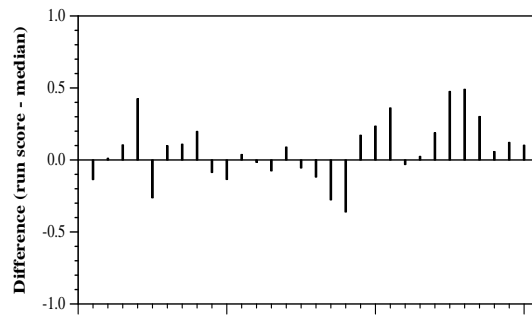
Summary Statistics	
Run ID	PS-r1-bm25medical
Topic type	manual
Contributed to judgment sets?	no

Overall measures	
Number of topics	30
Total number retrieved	14484
Total relevant	2352
Total relevant retrieved	809
MAP	0.1473
Mean Bpref	0.2665
Mean NDCG@10	0.4266

Document Level Averages	
	Precision
At 5 docs	0.5533
At 10 docs	0.4633
At 15 docs	0.4000
At 20 docs	0.3467
At 30 docs	0.2856
R-Precision	
Exact	0.2011

Document Counts at Rank 50
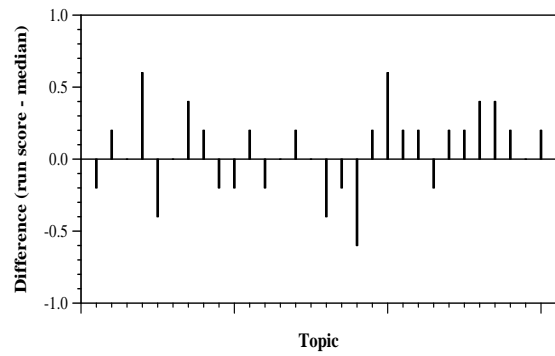

Per-topic difference from median bpref for all Round 1 runs

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

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