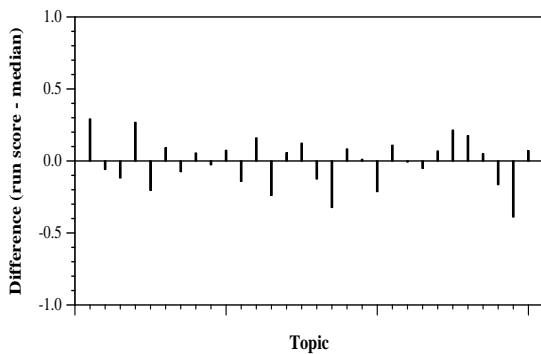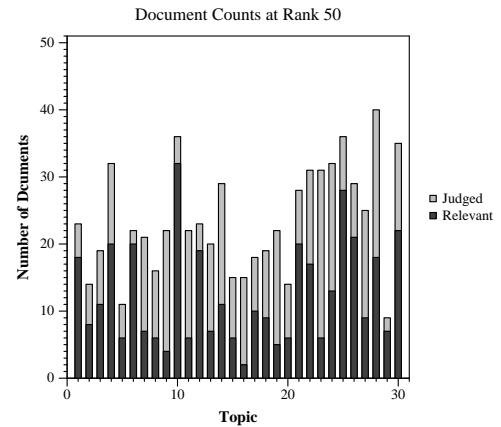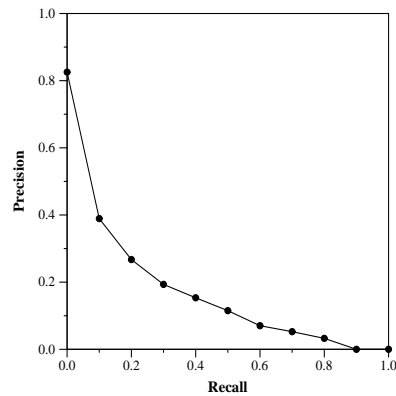## Run Description

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 use similar layman, medical entities and variations from Consumer Health Vocabulary 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.
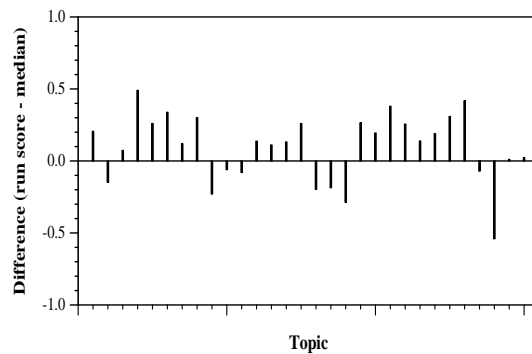
Summary Statistics	
Run ID	PS-r1-bm25all
Topic type	manual
Contributed to judgment sets?	yes

Overall measures	
Number of topics	30
Total number retrieved	18661
Total relevant	2352
Total relevant retrieved	1046
MAP	0.1650
Mean Bpref	0.3178
Mean NDCG@10	0.4520

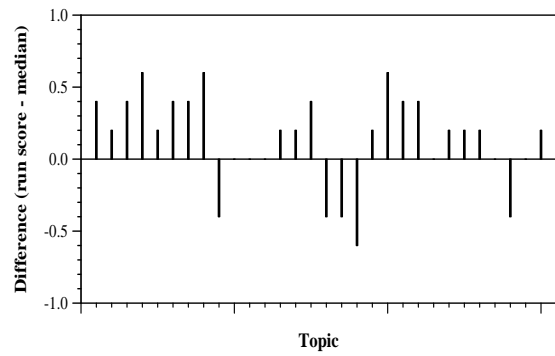| Document Level Averages	
	Precision
At 5 docs	0.6267
At 10 docs	0.5100
At 15 docs	0.4311
At 20 docs	0.3750
At 30 docs	0.3089
R-Precision	
Exact	0.2221

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