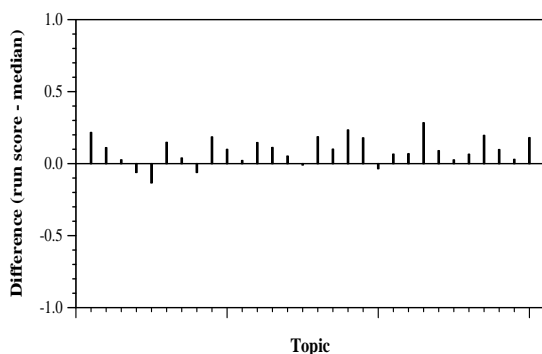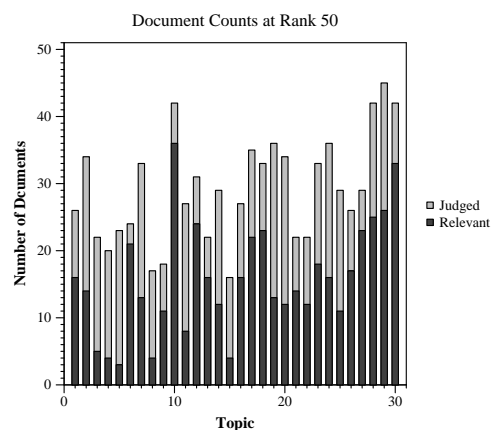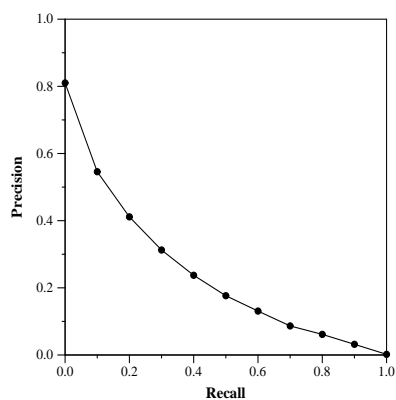## Run Description

The <query> tags served for queries. We applied Krovetz stemming to queries and documents and removed stopwords on the INQUERY list only from queries. The indri toolkit was used for all of our experiments. We used the maximum entropy divergence minimization model (MEDMM) which is highly effective pseudo-feedback-based query expansion approach [Lv, Y. & Zhai, C. 2014. Revisiting the divergence minimization feedback model. In Proc. of CIKM, pp. 1863-1866].‏ MEDMM was used to rank the entire collection. We set both the number of documents and the number of terms from which MEDMM is constructed to 50. The interpolation parameter that controls the weight of the original query model was set to 0.5. All other parameters were set to default values.
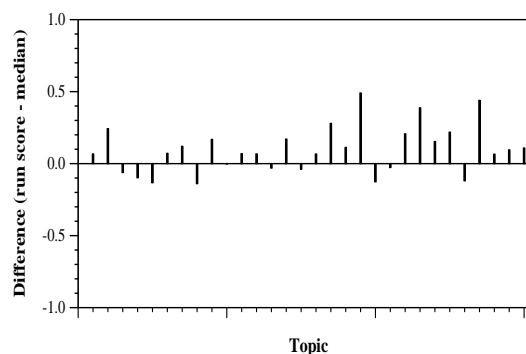
Summary Statistics	
Run ID	Technion-MEDMM
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	30
Total number retrieved	30000
Total relevant	2352
Total relevant retrieved	1434
MAP	0.2307
Mean Bpref	0.4143
Mean NDCG@10	0.4527

Document Level Averages	
	Precision
At 5 docs	0.5867
At 10 docs	0.5100
At 15 docs	0.5089
At 20 docs	0.4367
At 30 docs	0.3833
R-Precision	
Exact	0.2805

Document Counts at Rank 50
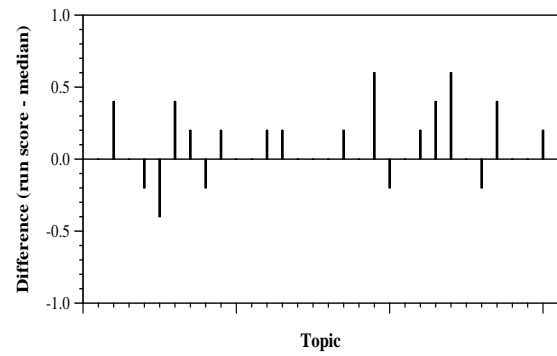

Per-topic difference from median bpref for all Round 1 runs

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

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