

**Round 1 results — Run Technion-RRF submitted from Technion**

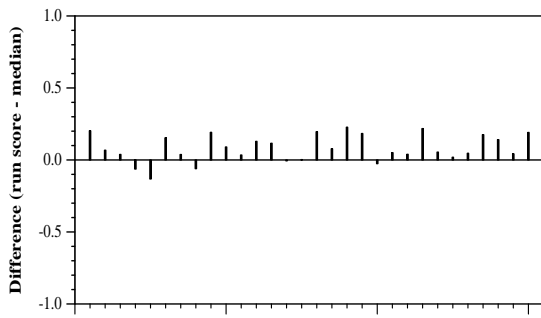
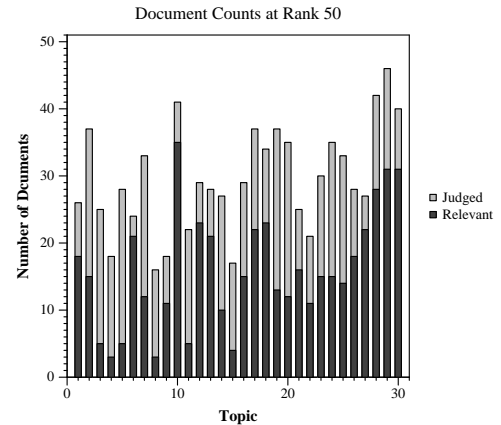
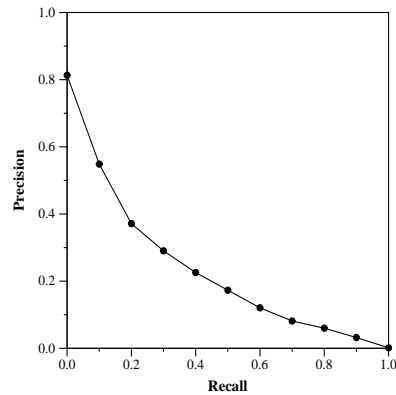
**Run Description**

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 reciprocal rank fusion method [Cormack GV, Clarke CL, Buettcher S (2009) Reciprocal rank fusion outperforms condorcet and individual rank learning methods. In: Proc. of SIGIR, pp 758-759] to combine the rankings of Run1 and Run3. The model's free parameter was set to 60.

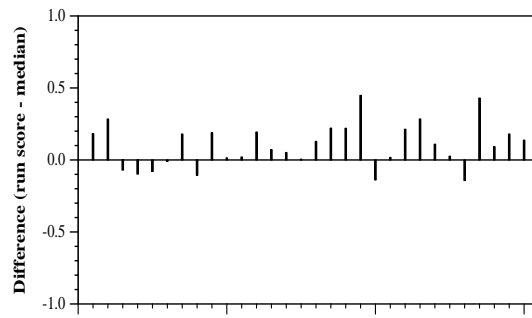
Summary Statistics	
Run ID	Technion-RRF
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	30
Total number retrieved	30000
Total relevant	2352
Total relevant retrieved	1430
MAP	0.2236
Mean Bpref	0.4066
Mean NDCG@10	0.4599

Document Level Averages	
	Precision
At 5 docs	0.5933
At 10 docs	0.5133
At 15 docs	0.4600
At 20 docs	0.4283
At 30 docs	0.3778
R-Precision	
Exact	0.2671



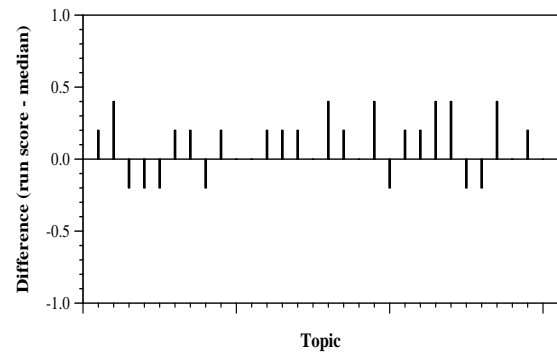
Per-topic difference from median bpref for all Round 1 runs



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

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