

Round 5 results — Run sab20.5.2.dfo.metado submitted from sabir

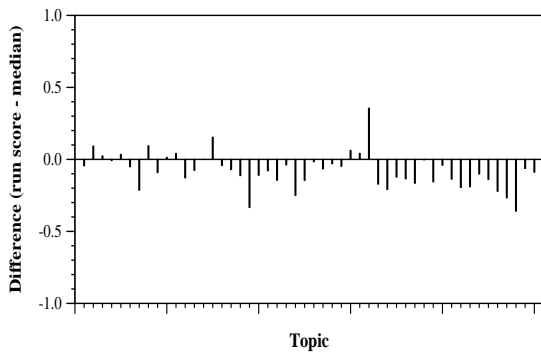
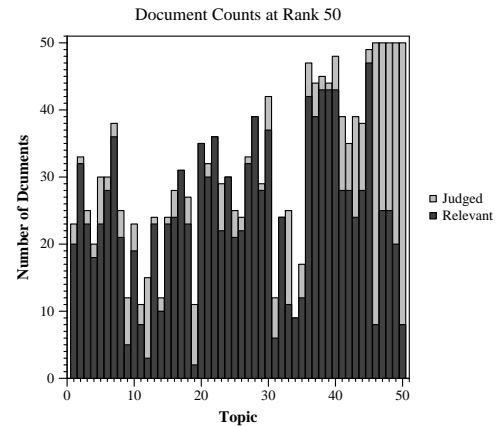
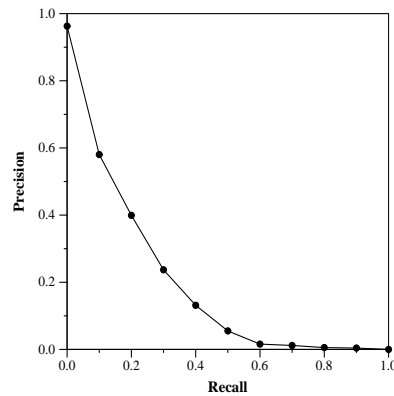
Run Description

SMART vector DFO run. Same indexing and retrieval as used for Round2 sab20.2.dfo.metadocs run. Base Lnu.ltu weights. Run DFO algorithm (the runs and same parameters described in my TREC 2005 Routing track, and later, eg 2017 core track). Use relevance info on Round 1-4 collection to expand and optimize weights on that collection (using only metadata documents), and then run exactly that query (with same dictionary) on the Round5 collection. This run on Round 5 used separate Lnu weighted inverted files for metadata and JSON docs. Score = 1.2 * metadata + JSON. Expanded to 250 terms(way too much). Used full narrative and ltu weights for the new topics in Round 5.

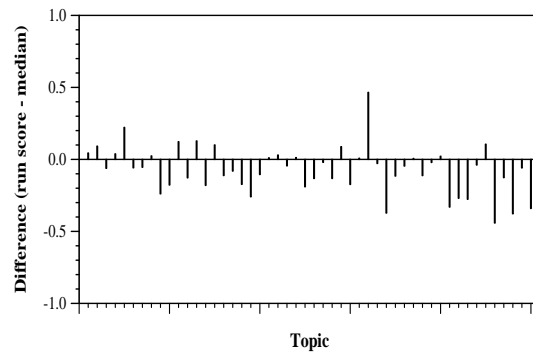
Summary Statistics	
Run ID	sab20.5.2.dfo.metado
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	50
Total number retrieved	49933
Total relevant	10910
Total relevant retrieved	4729
MAP	0.1846
Mean Bpref	0.3872
Mean NDCG@20	0.6008
Mean RBP(p=0.5)	0.7392 +0.0895

Document Level Averages	
	Precision
At 5 docs	0.7640
At 10 docs	0.7260
At 15 docs	0.6667
At 20 docs	0.6220
At 30 docs	0.5593
R-Precision	
Exact	0.2549

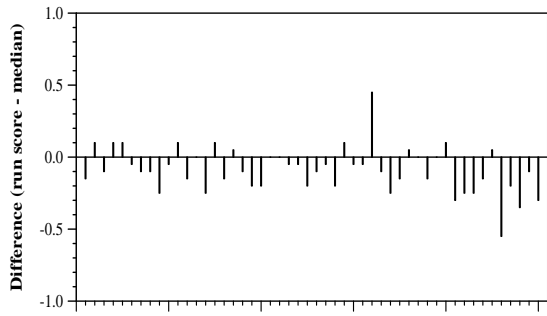


Per-topic difference from median bpref for all Round 4 runs

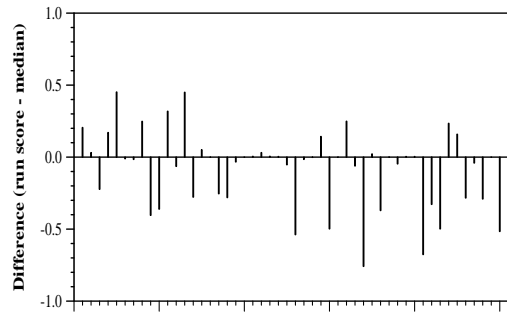


Per-topic difference from median NDCG@20 for all Round 4 runs

Round 5 results — Run sab20.5.2.dfo.metado submitted from sabir



Per-topic difference from median P@20 for all Round 4 runs



Per-topic difference from median RBP(p=0.5) for all Round 4 runs