

Round 4 results — Run sab20.4.rocchio submitted from sabir

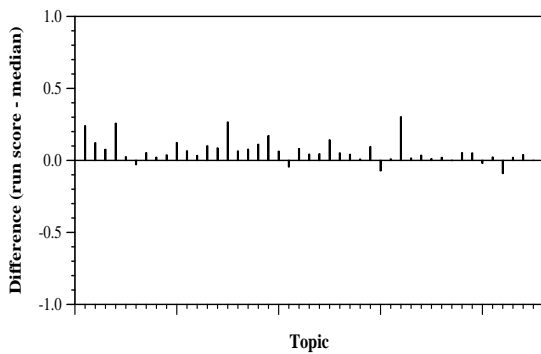
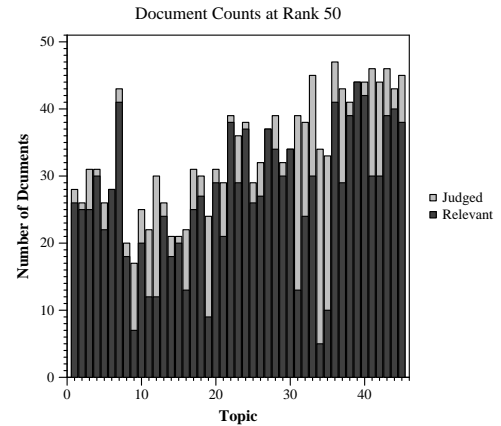
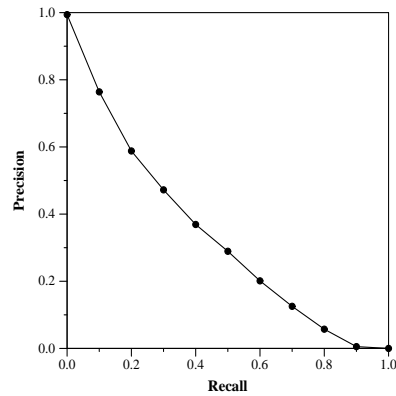
Run Description

SMART vector Rocchio feedbackrun. Base Lnu.ltu weights, with doc indexing = 0.4 metadoc_Lnu_weighting + 0.6 JSON_Lnu_weighting if a JSON doc exists (= straight Lnu weighting if only metadata info).Run Rocchio algorithm. Use relevance info on Rounds 1+2+3 collections to expand and optimize query weights on that collection. Query term weights = 4 * original query weight + 12 * average weight in relevant docs - 12 * average weight in nonrel docs. Expansion to top 100 terms.

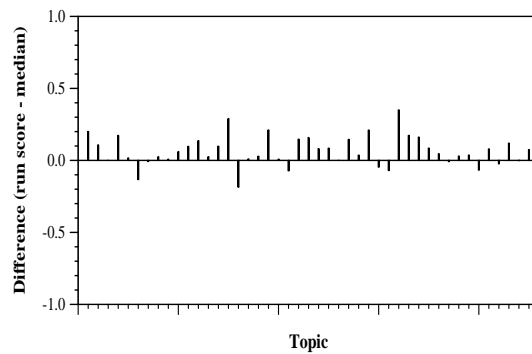
Summary Statistics	
Run ID	sab20.4.rocchio
Topic type	feedback
Contributed to judgment sets?	yes

Overall measures	
Number of topics	45
Total number retrieved	44409
Total relevant	5824
Total relevant retrieved	4024
MAP	0.3333
Mean Bpref	0.5802
Mean NDCG@20	0.6921
Mean RBP(p=0.5)	0.8291 +0.0007

Document Level Averages	
	Precision
At 5 docs	0.8844
At 10 docs	0.8289
At 15 docs	0.7570
At 20 docs	0.7133
At 30 docs	0.6400
R-Precision	
Exact	0.3703

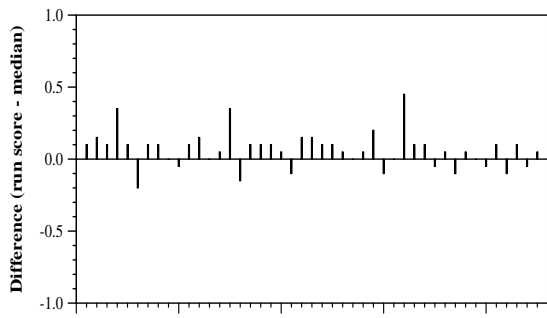


Per-topic difference from median bpref for all Round 4 runs

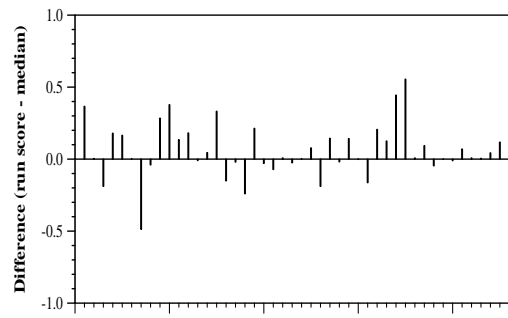


Per-topic difference from median NDCG@20 for all Round 4 runs

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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