

Round 3 results — Run sab20.3.rocchio submitted from sabir

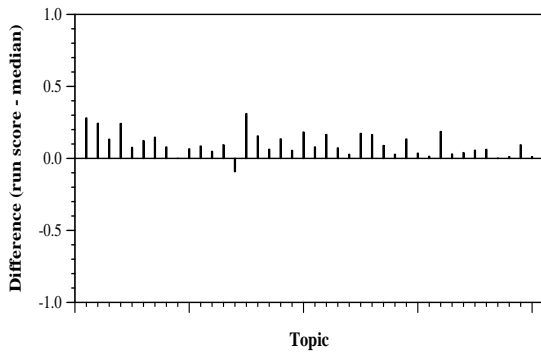
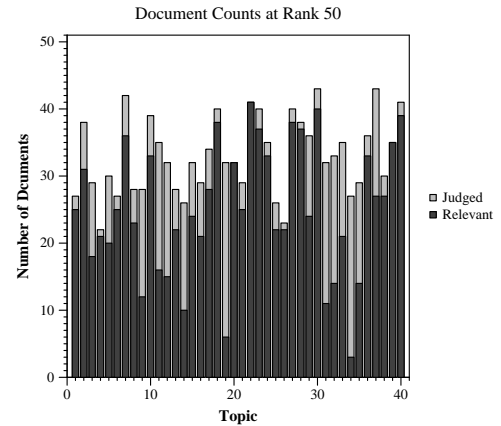
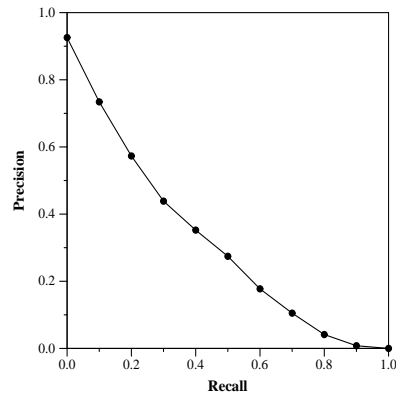
Run Description

SMART vector Rocchio feedbackrun. Base Lnu.ltu weights, with doc indexing = 0.5 metadoc_Lnu_weighting + 0.7 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 collections to expand and optimize query weights on that collection. Query term weights = 4 * original query weight + 6 * average weight in relevant docs - 8 * average weight in nonrel docs. Expansion to top 50 terms.

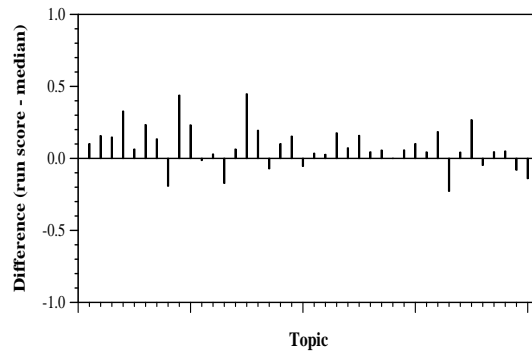
Summary Statistics	
Run ID	sab20.3.rocchio
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	39927
Total relevant	4698
Total relevant retrieved	3341
MAP	0.3077
Mean Bpref	0.5636
Mean NDCG@10	0.6730
Mean RBP(p=0.5)	0.7216 +0.0649

Document Level Averages	
	Precision
At 5 docs	0.7850
At 10 docs	0.7425
At 15 docs	0.6817
At 20 docs	0.6363
At 30 docs	0.6050
R-Precision	
Exact	0.3550

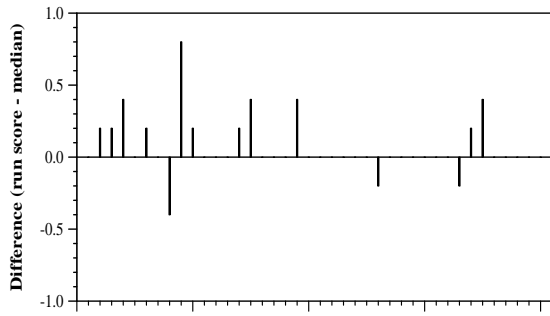


Per-topic difference from median bpref for all Round 3 runs

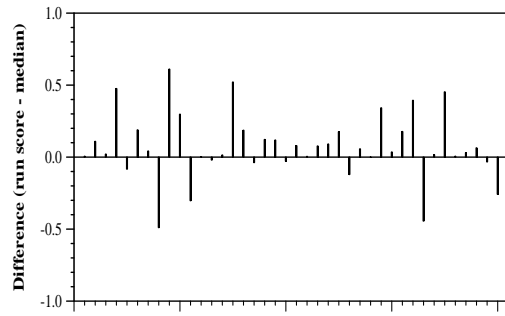


Per-topic difference from median NDCG@10 for all Round 3 runs

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Per-topic difference from median P@5 for all Round 3 runs



Per-topic difference from median RBP($p=0.5$) for all Round 3 runs