Round 5 results — Run covidex.r5.1s submitted from covidex
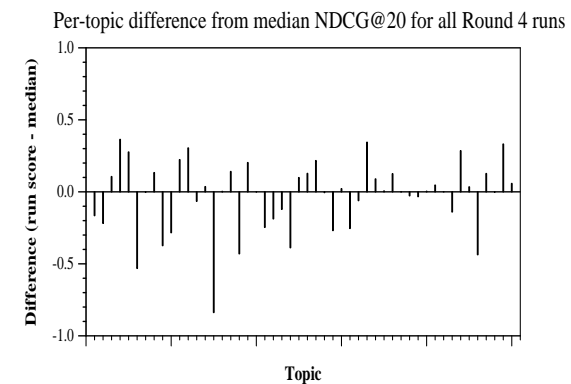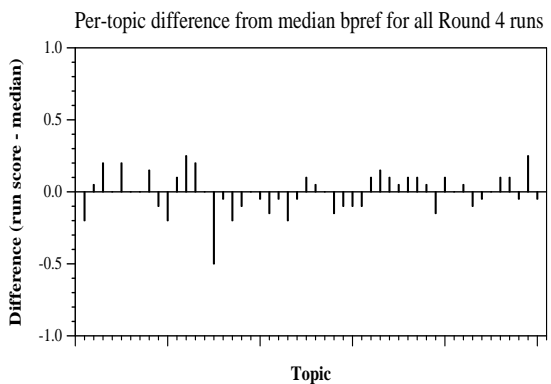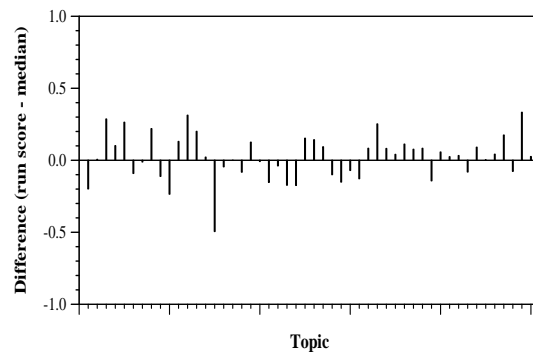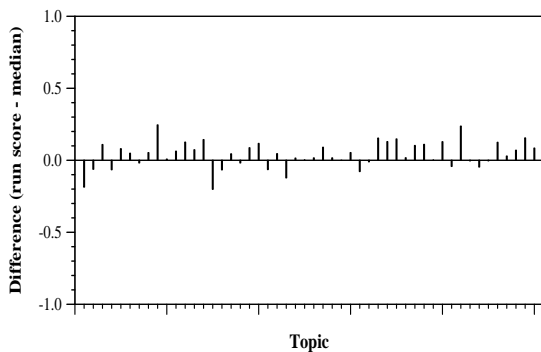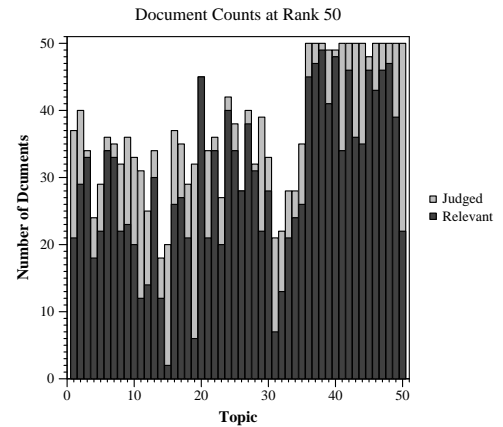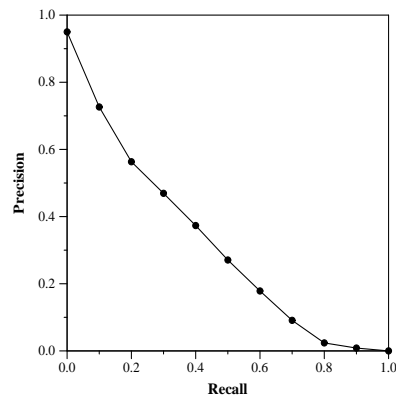
Run Description

A reciprocal rank fusion of two baseline runs that were independently reranked by a pointwise reranker (monoT5). The reranker was trained on MedMARCO (MacAvaney et al., SLEDGE, 2020). Baseline runs are rows 7 and 8 from https://github.com/castorini/anserini/blob/master/docs/experiments-covid.md#round-5

Summary Statistics	
Run ID	covidex.r5.1s
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	50
Total number retrieved	49900
Total relevant	10910
Total relevant retrieved	6722
MAP	0.3119
Mean Bpref	0.5043
Mean NDCG@20	0.6960
Mean RBP(p=0.5)	0.7942 +0.0036

Document Level Averages	
	Precision
At 5 docs	0.8760
At 10 docs	0.8120
At 15 docs	0.7573
At 20 docs	0.7070
At 30 docs	0.6380
R-Precision	
Exact	0.3720

Document Counts at Rank 50

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

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

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