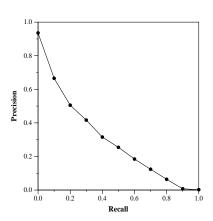
## Run Description

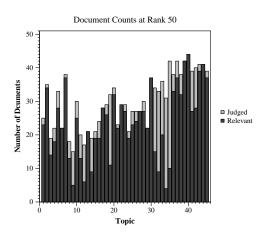
A combination of basic IR models like bm25 and dfr on topics expanded with covid-related ontologies.

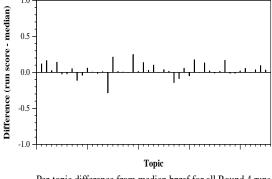
Summary Statistics	
Run ID	combined
Topic type	feedback
Contributed to judgment sets?	no

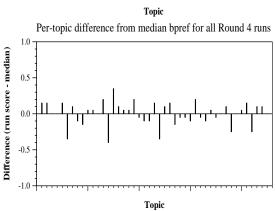
Overall measures		
Number of topics	45	
Total number retrieved	39760	
Total relevant	5824	
Total relevant retrieved	3622	
MAP	0.2963	
Mean Bpref	0.5480	
Mean NDCG@20	0.6451	
Mean RBP(p=0.5)	0.7739 + 0.0387	

Document Level Averages		
	Precision	
At 5 docs	0.8311	
At 10 docs	0.7800	
At 15 docs	0.7037	
At 20 docs	0.6522	
At 30 docs	0.5778	
R-Precision		
Exact	0.3427	

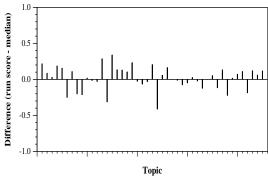








Per-topic difference from median P@20 for all Round 4 runs



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

1.0

0.5

-0.5

-1.0

Topic

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