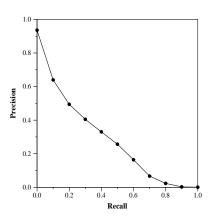
## Run Description

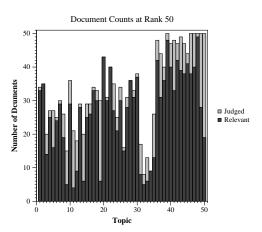
A combination of BM25, DFR and LM Dirichlet runs using reciprocal-rank fusion (k=60) on metadata and full text indices.

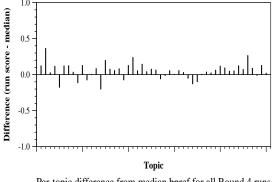
Summary Statistics	
Run ID	rk_bm25_dfr_lmd_rrf
Topic type	feedback
Contributed to judgment sets?	no

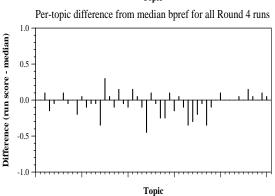
Overall measures	
Number of topics	50
Total number retrieved	49819
Total relevant	10910
Total relevant retrieved	6695
MAP	0.2778
Mean Bpref	0.5174
Mean NDCG@20	0.6475
Mean RBP(p=0.5)	0.7663 + 0.0728

Document Level Averages		
	Precision	
At 5 docs	0.7960	
At 10 docs	0.7440	
At 15 docs	0.6947	
At 20 docs	0.6650	
At 30 docs	0.6020	
R-Precision		
Exact	0.3434	

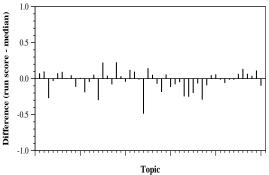












Per-topic difference from median NDCG@20 for all Round 4 runs

1.0

0.5

-0.5

-1.0

 $\label{eq:Topic} \mbox{Topic}$  Per-topic difference from median RBP(p=0.5) for all Round 4 runs