## Run Description

–We create 3 indexes: 1) Based on title+abstract, 2) Based on full-text, and 3) Based on title+abstract+paragraph (a document is split into para1, para2, ..., paraK, and we create K+1 documents of the form title+abstract, title+abstract+para1, title+abstract+para2. –We create 4 different types of queries: 1) Query + named_entitities(question), 2) Query + named_entitities(question) + named_entitities(narrative), 3) Question + named_entitities(query), and 4) Question + named_entitities(query) + named_entitities(narrative) –For each query type we create 4 runs (default BM25 + default RM3): 1) We search in index of title+abstract, 2) We search in index of full-text, 3) We search in index of title+abstract+paragraph (where we only keep the first occurrence of a document and delete the following duplicates), and 4) We search in index of title+abstract+paragraph (where we don't remove the duplicates) Finally, based on these 4 runs, we use reciprocal rank fusion to get 1 run. –Now, we have 4 fusion run, which we use to create a final reciprocal rank fusion (Fusion of Fusions).

Summary Statistics	
Run ID	fusionOfFusions
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	35
Total number retrieved	35000
Total relevant	3002
Total relevant retrieved	1059
MAP	0.0704
Mean Bpref	0.2141
Mean NDCG@10	0.2409
Mean RBP(p=0.5)	0.2967 +0.2421

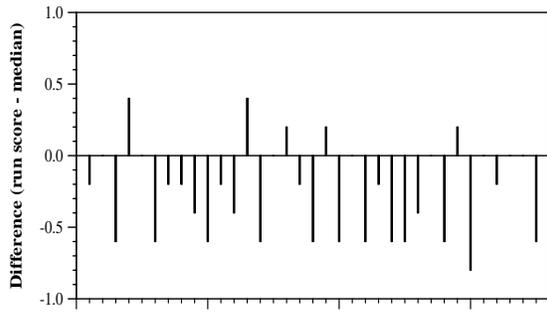| Document Level Averages	
	Precision
At 5 docs	0.3543
At 10 docs	0.2886
At 15 docs	0.2705
At 20 docs	0.2486
At 30 docs	0.2152
R-Precision	
Exact	0.1448

Document Counts at Rank 50
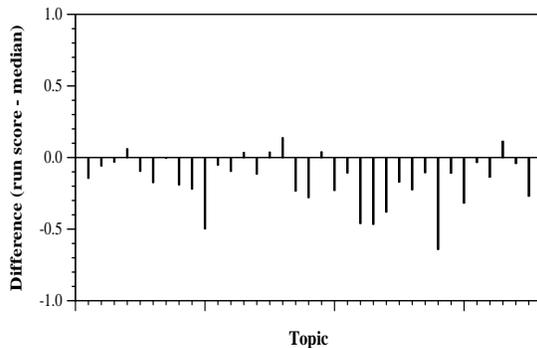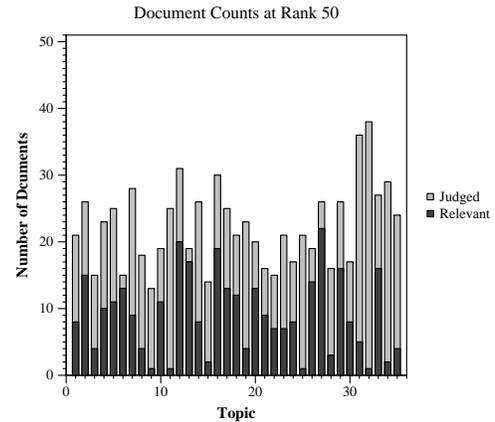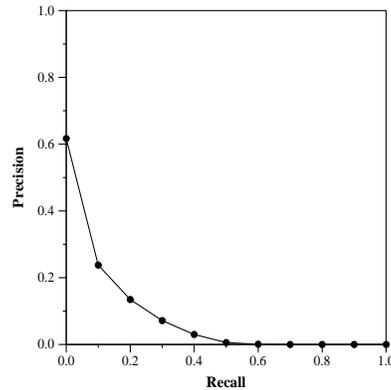
Per-topic difference from median bpref for all Round 2 runs
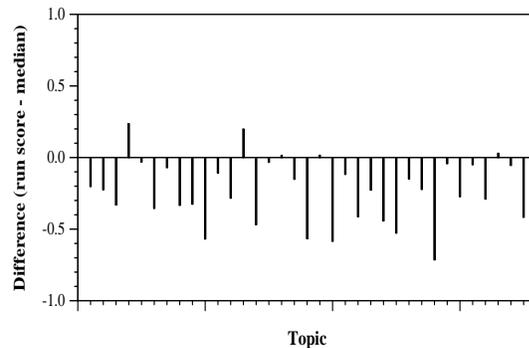
Per-topic difference from median NDCG@10 for all Round 2 runs

Per-topic difference from median P@5 for all Round 2 runs
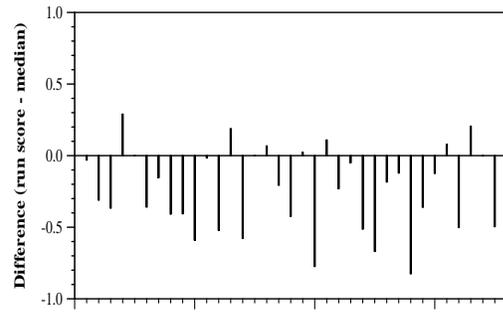
Per-topic difference from median RBP(p=0.5) for all Round 2 runs