

Round 2 results — Run savantx_nist_run_2 submitted from SavantX

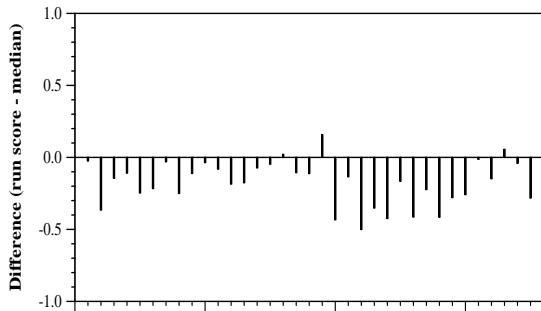
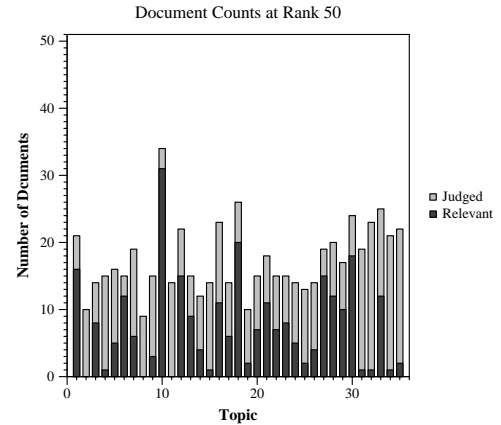
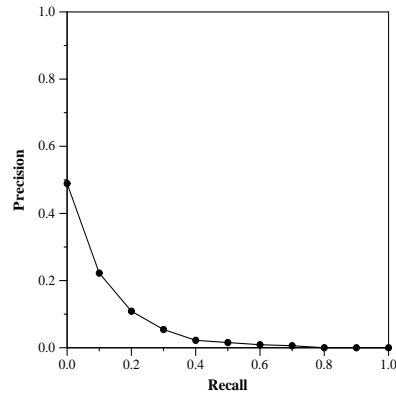
Run Description

An automated process was scripted to extract topics from the supplied XML. The searches were automatically issued to SavantX PRO. The system employs a patented, unsupervised machine learning hyper-dimensional relationship analysis technology. This technology coupled with PRO's full stack AI outputted ranked results without any human intervention.

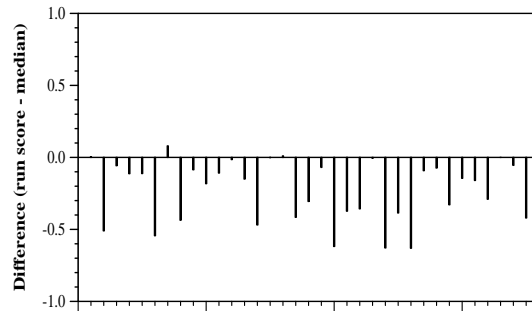
Summary Statistics	
Run ID	savantx_nist_run_2
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	35
Total number retrieved	30217
Total relevant	3002
Total relevant retrieved	778
MAP	0.0626
Mean Bpref	0.1940
Mean NDCG@10	0.2421
Mean RBP(p=0.5)	0.2440 +0.0778

Document Level Averages	
	Precision
At 5 docs	0.3314
At 10 docs	0.3057
At 15 docs	0.2629
At 20 docs	0.2414
At 30 docs	0.2010
R-Precision	
Exact	0.1137

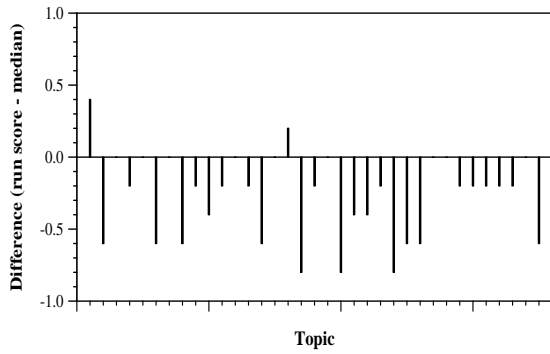


Per-topic difference from median bpref for all Round 2 runs

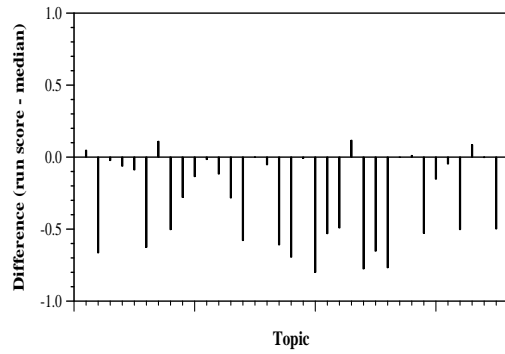


Per-topic difference from median NDCG@10 for all Round 2 runs

Round 2 results — Run savantx_nist_run_2 submitted from SavantX



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