

Round 1 results — Run savantx_nist_run_1 submitted from SavantX

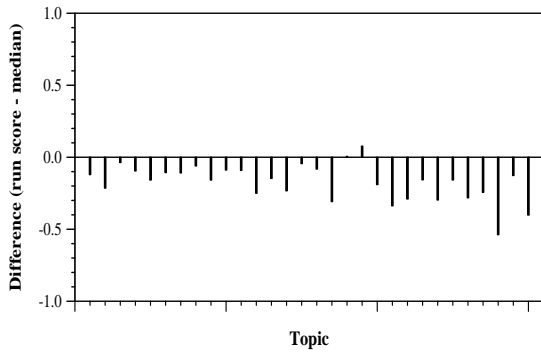
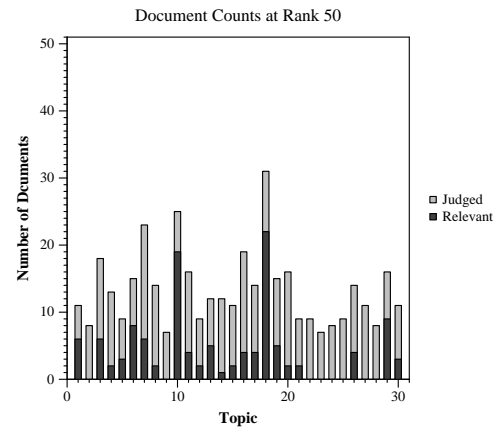
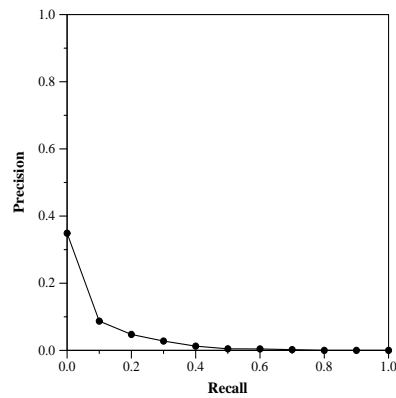
Run Description

An automated process was scripted to extract topics from the supplied XML. The searches were automatically issued to SavantX PRO. The system employees 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.

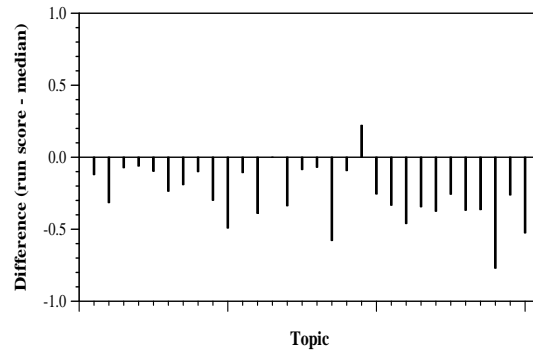
Summary Statistics	
Run ID	savantx_nist_run_1
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	30
Total number retrieved	29588
Total relevant	2352
Total relevant retrieved	513
MAP	0.0294
Mean Bpref	0.1510
Mean NDCG@10	0.1009

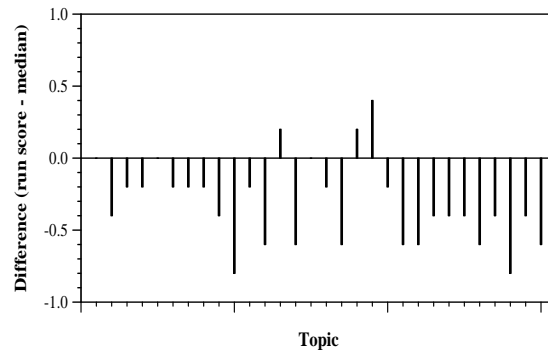
Document Level Averages	
	Precision
At 5 docs	0.1733
At 10 docs	0.1533
At 15 docs	0.1356
At 20 docs	0.1183
At 30 docs	0.0956
R-Precision	
Exact	0.0676



Per-topic difference from median bpref for all Round 1 runs



Per-topic difference from median NDCG@10 for all Round 1 runs



Per-topic difference from median P@5 for all Round 1 runs