

**Round 2 results — Run savantx\_nist\_run\_1 submitted from SavantX**

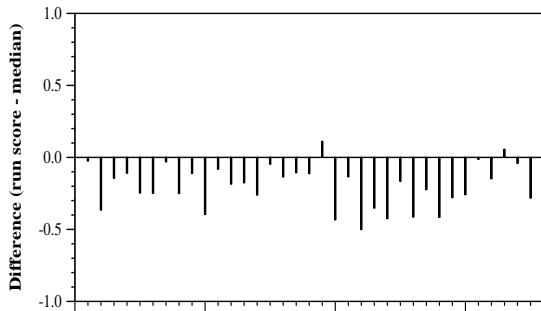
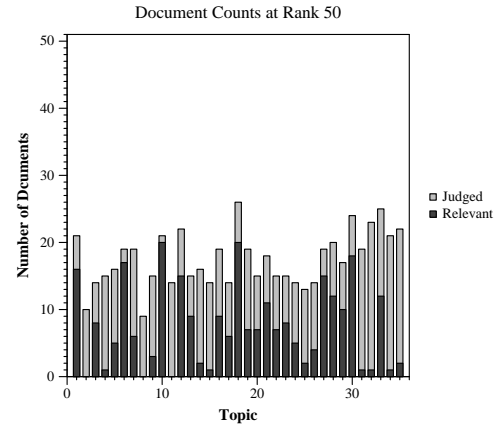
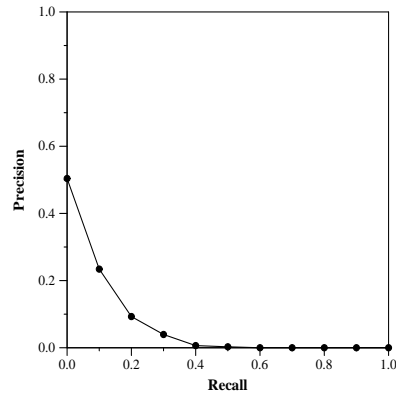
**Run Description**

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

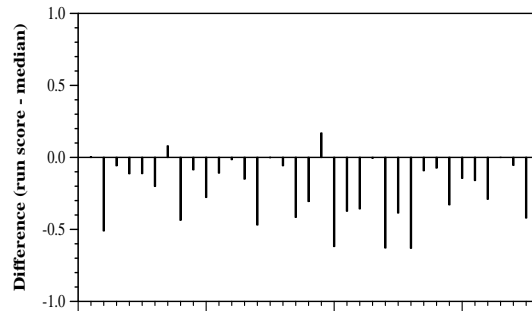
Summary Statistics	
Run ID	savantx_nist_run_1
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	35
Total number retrieved	26669
Total relevant	3002
Total relevant retrieved	680
MAP	0.0574
Mean Bpref	0.1716
Mean NDCG@10	0.2541
Mean RBP(p=0.5)	0.2515 +0.0048

Document Level Averages	
	Precision
At 5 docs	0.3771
At 10 docs	0.3200
At 15 docs	0.2743
At 20 docs	0.2457
At 30 docs	0.2000
R-Precision	
Exact	0.1101



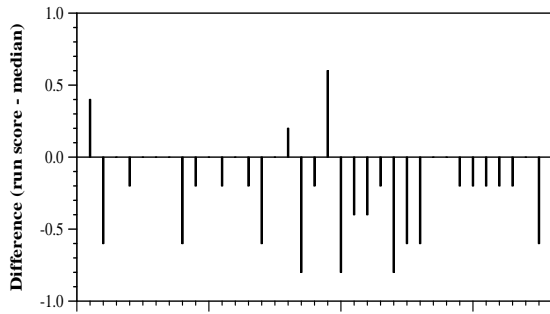
Per-topic difference from median bpref for all Round 2 runs



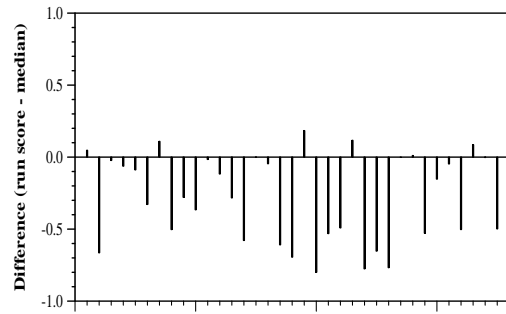
Per-topic difference from median NDCG@10 for all Round 2 runs

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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