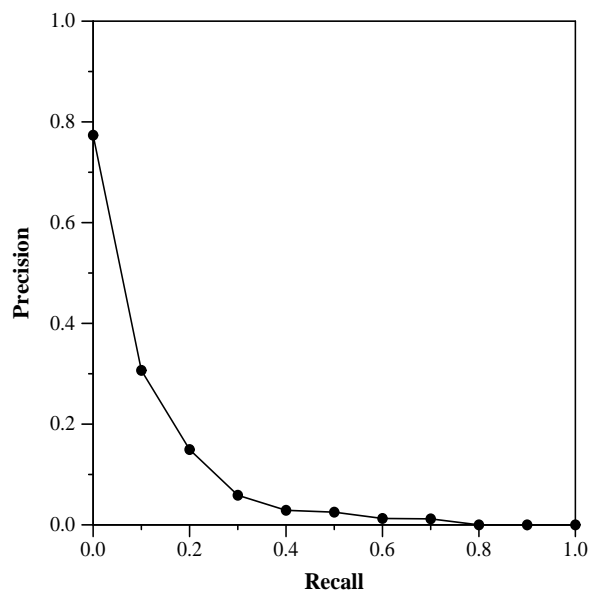
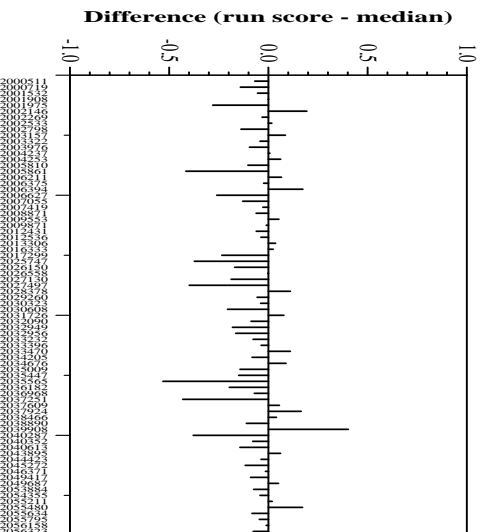


Deep Learning Track results — (InfoSense) Georgetown University InfoSense

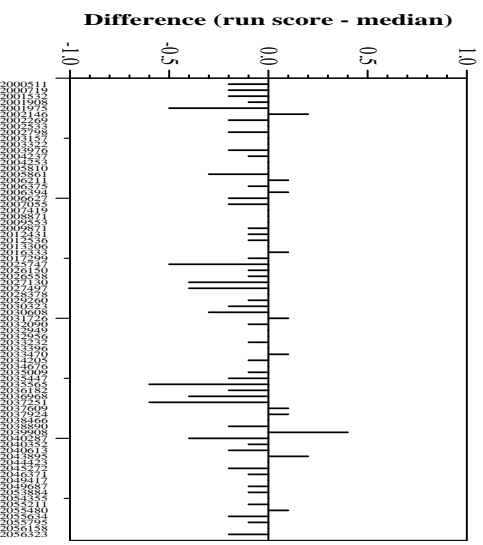
Run Description	
Run ID:	Infosense-2
Task:	Passage Ranking
Subtask:	Reranking the official top 100
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	No
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	3 Nvidia 2080 Ti GPUs. Training for 4000 min.
Pre-processing/indexing cost:	Nan
Query processing cost:	3 Nvidia 2080 Ti GPUs. Test for 10 min.

Overall measures		Document Level Averages	
Number of topics	76		Precision
Total number retrieved	6663	At 5 docs	0.4553
Total relevant	4613	At 10 docs	0.3276
Total relevant retrieved	520	At 15 docs	0.2772
MAP	0.0907	At 20 docs	0.2342
Mean NDCG@10	0.4672	At 30 docs	0.1855
Mean Reciprocal Rank	0.7439	R-Precision	
		Exact	0.1307

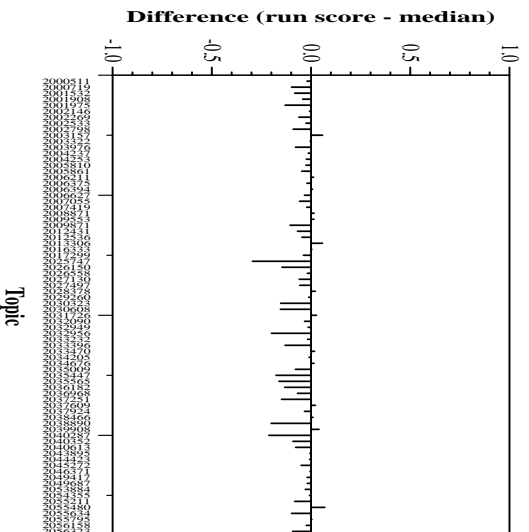




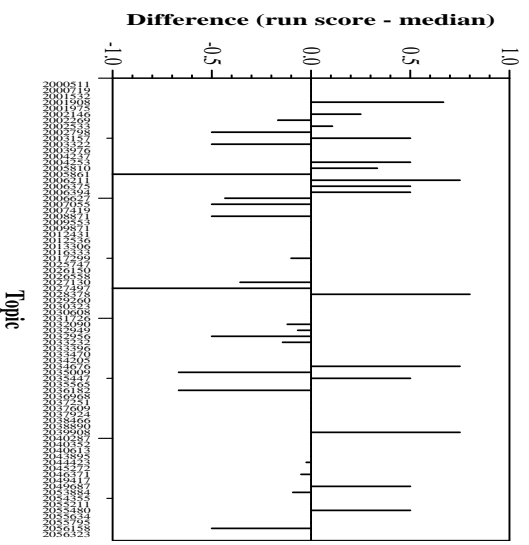
Per-topic difference from median for NDCG@10 for Passage Ranking runs



Per-topic difference from median for Prec@10 for Passage Ranking runs



Per-topic difference from median for Average Precision for Passage Ranking runs



Per-topic difference from median for Reciprocal Rank for Passage Ranking runs