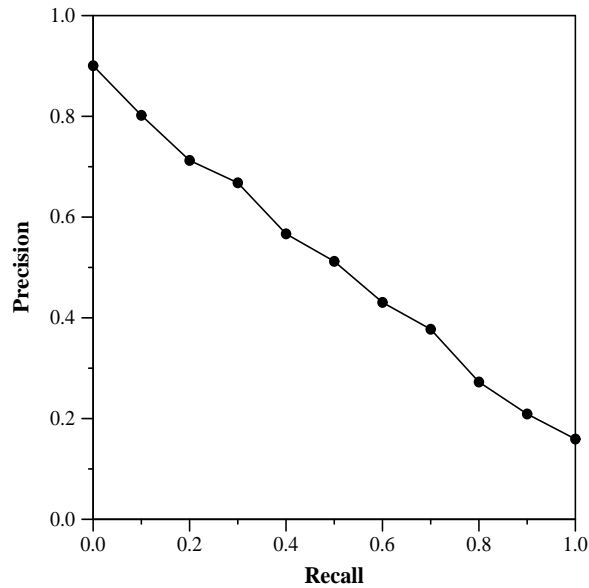
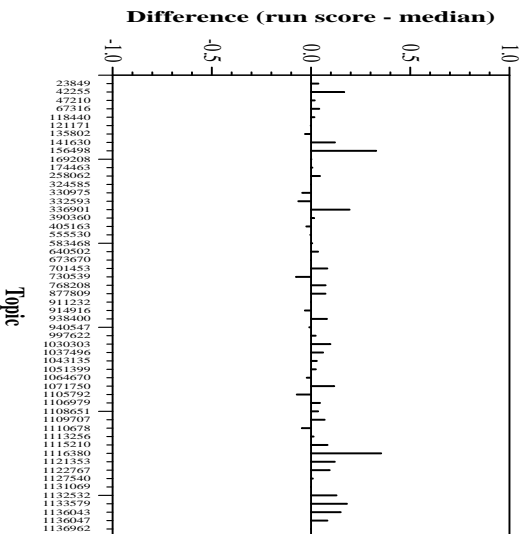
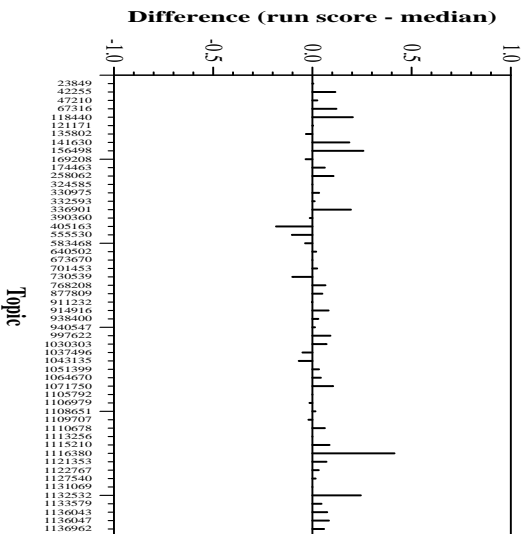


Deep Learning Track results — (nvidia_ai_apps) NVIDIA

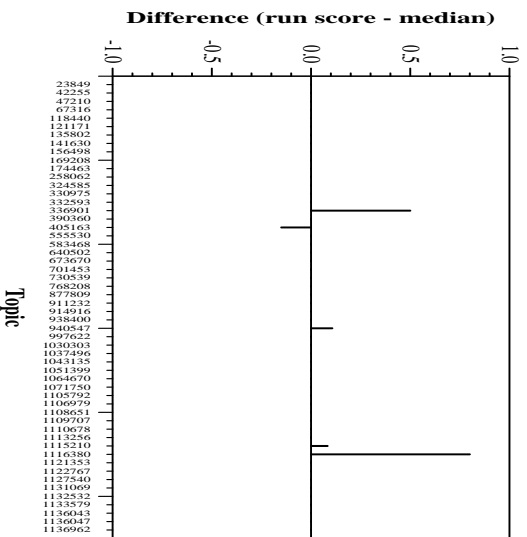
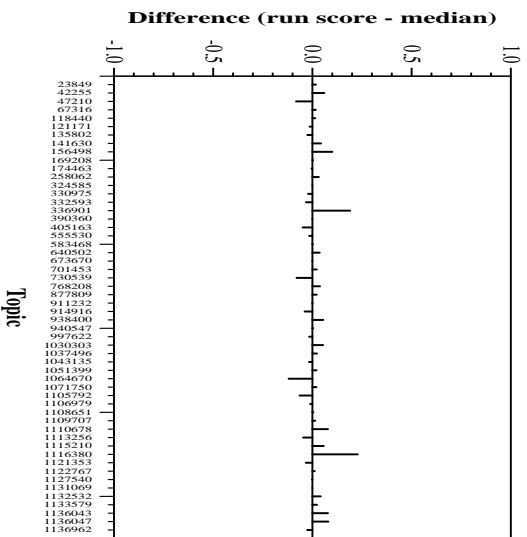
Run Description	
Run ID	1
Task	Passage Ranking
Subtask	Reranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Unsupervised data/model; Used passage task training labels; Used other training data
ORCAS data used for something other than training?	No
Training cost?	24 hours on DGX-1 machine with 8 16GB V100 GPUs

Overall measures		Document Level Averages	
Number of topics	54		Precision
Total number retrieved	50024	At 5 docs	0.7000
Total relevant	1666	At 10 docs	0.5556
Total relevant retrieved	959	At 15 docs	0.4741
MAP	0.4899	At 20 docs	0.4222
Mean NDCG@10	0.7271	At 30 docs	0.3451
Mean NDCG@1000	0.6759	R-Precision	
Mean Reciprocal Rank	0.8691	Exact	0.4985





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



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