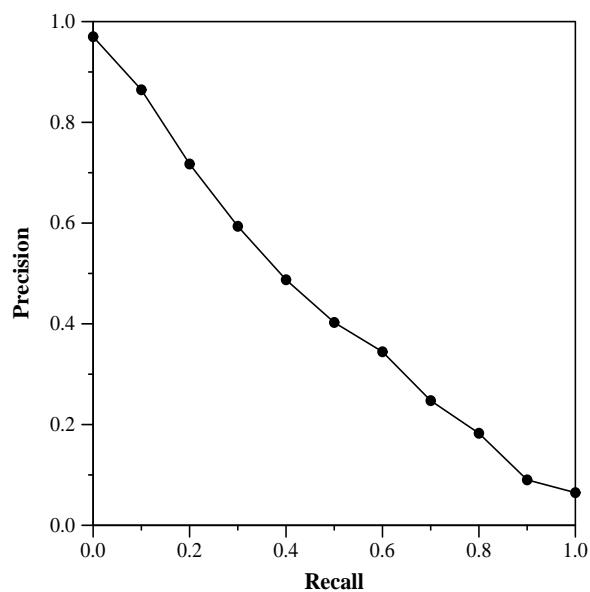
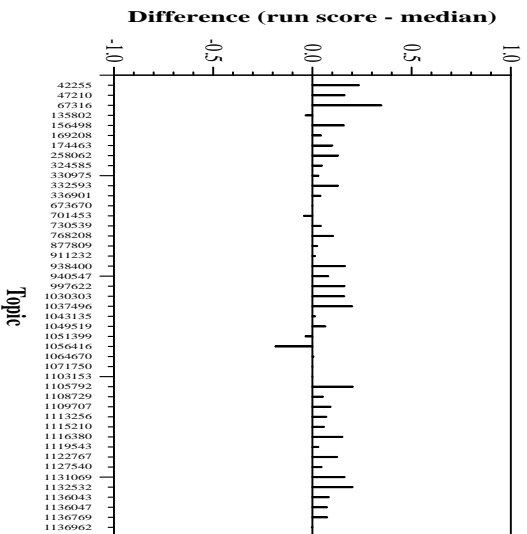


Deep Learning Track results — (ICIP) Chinese Information Processing Laboratory

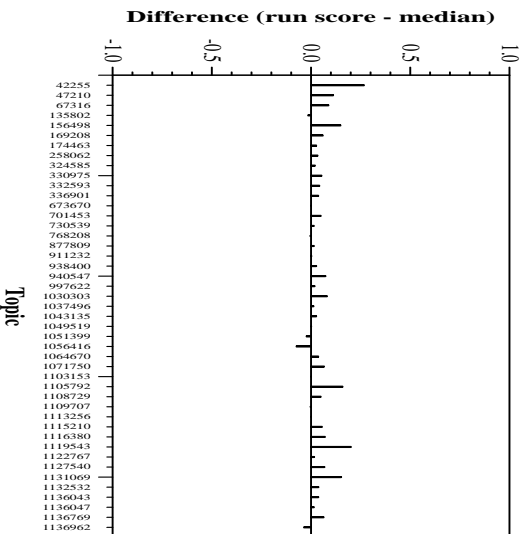
Run Description	
Run ID	ICIP_run3
Task	Document Ranking
Subtask	Reranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Used passage task training labels
ORCAS data used for something other than training?	No
Training cost?	The training time of ICIP_run3 is about 70 hours on passage task training labels on Google Cloud TPUs.

Overall measures		Document Level Averages	
Number of topics	45		Precision
Total number retrieved	4500	At 5 docs	0.7778
Total relevant	1767	At 10 docs	0.6533
Total relevant retrieved	814	At 15 docs	0.5733
MAP	0.4360	At 20 docs	0.5033
Mean NDCG@10	0.6528	At 30 docs	0.4274
Mean NDCG@100	0.6167	R-Precision	
Mean Reciprocal Rank	0.9667	Exact	0.4531

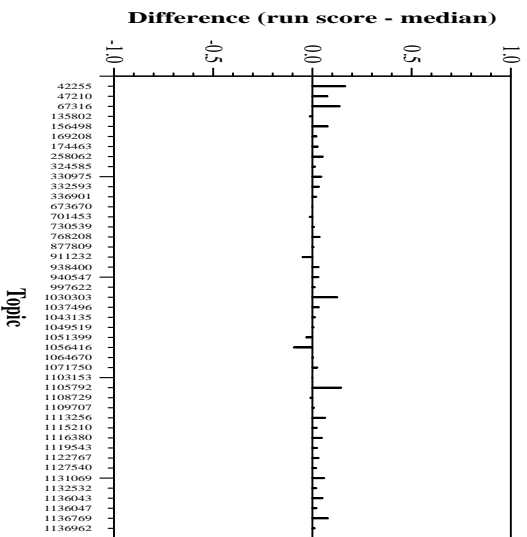




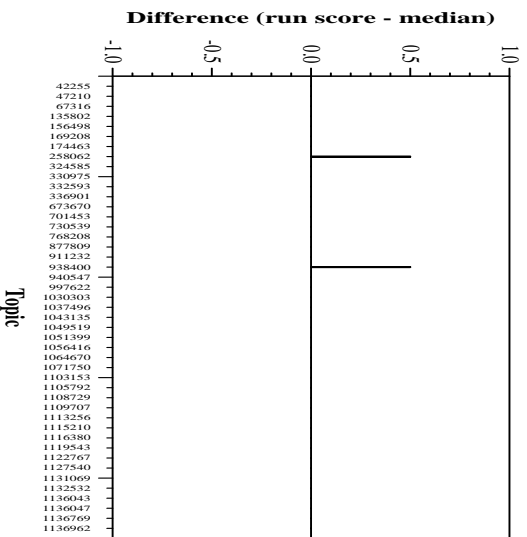
Per-topic difference from median for NDCG@10 for Document Ranking runs



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



Per-topic difference from median for NDCG@100 for Document Ranking runs



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