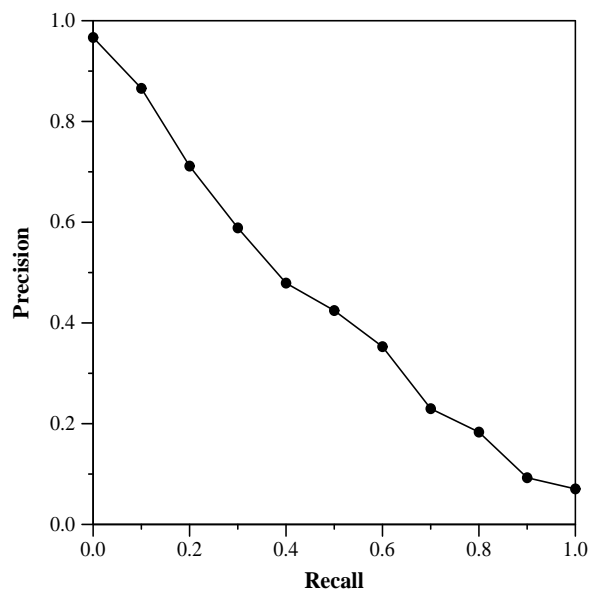
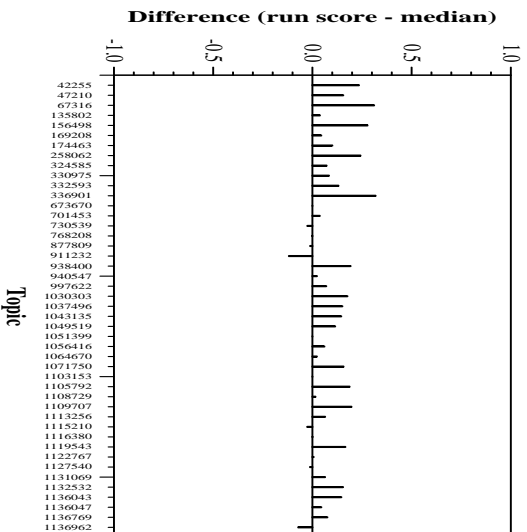


Deep Learning Track results — (ICIP) Chinese Information Processing Laboratory

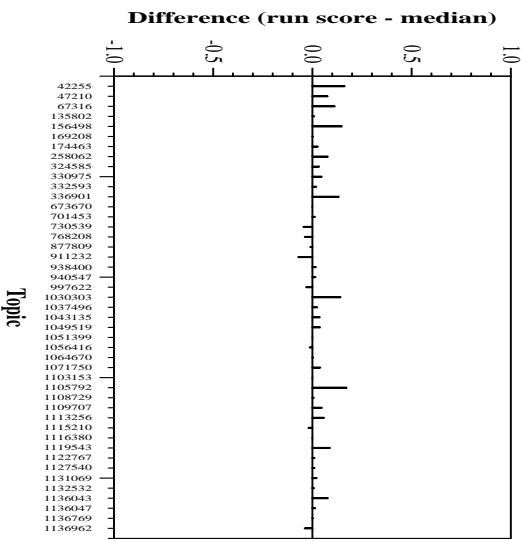
Run Description	
Run ID	ICIP_run1
Task	Document Ranking
Subtask	Reranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Used passage task training labels; Used document task training labels
ORCAS data used for something other than training?	No
Training cost?	The training time of ICIP_run1 is about 70 hours on passage task training labels and about 34 hours on document task training labels, and trained on TITAN RTX GPUs.

Overall measures		Document Level Averages	
Number of topics	45		Precision
Total number retrieved	4500	At 5 docs	0.7733
Total relevant	1767	At 10 docs	0.6556
Total relevant retrieved	814	At 15 docs	0.5630
MAP	0.4333	At 20 docs	0.4922
Mean NDCG@10	0.6623	At 30 docs	0.4156
Mean NDCG@100	0.6174	R-Precision	
Mean Reciprocal Rank	0.9630	Exact	0.4435

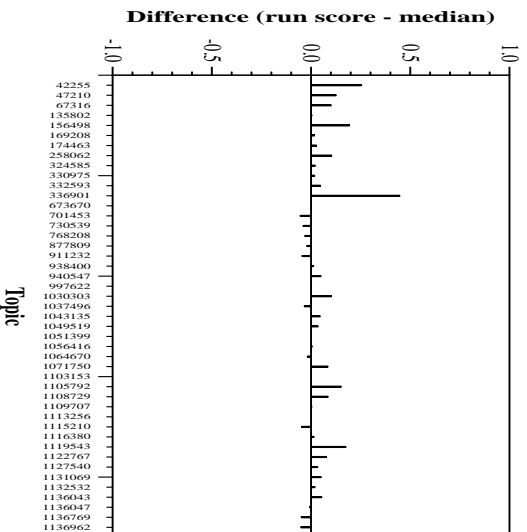




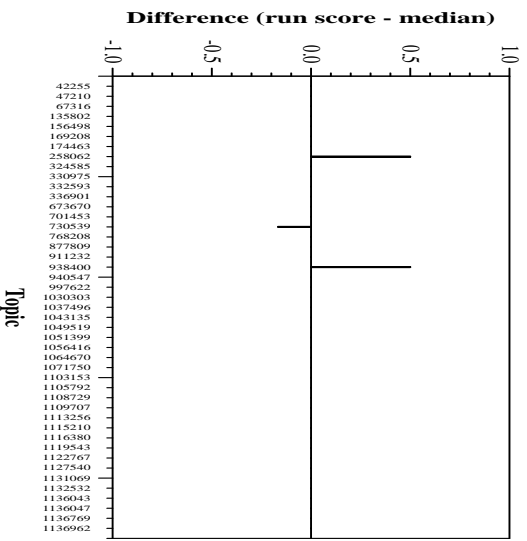
Per-topic difference from median for NDCG@10 for Document Ranking runs



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



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



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