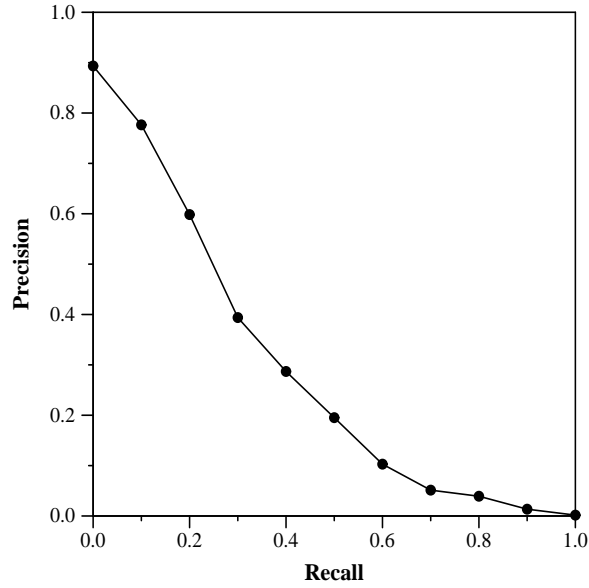


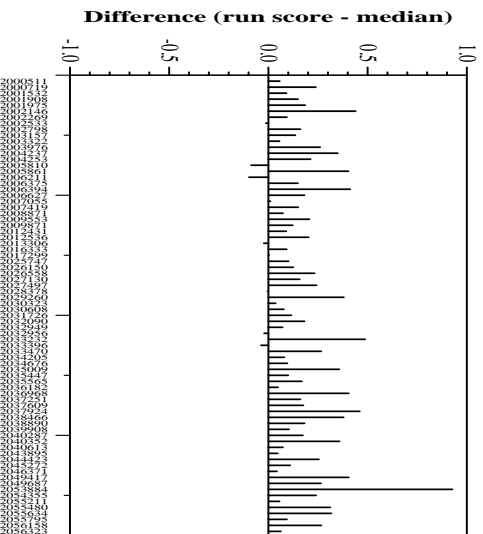
Deep Learning Track results — (Ali) Alibaba

Run Description	
Run ID:	pass3
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	Yes
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data; Previous year's MS MARCO training data
Training cost:	8*V100 10days
Pre-processing/indexing cost:	4*V100 1days
Query processing cost:	CPU 1hours

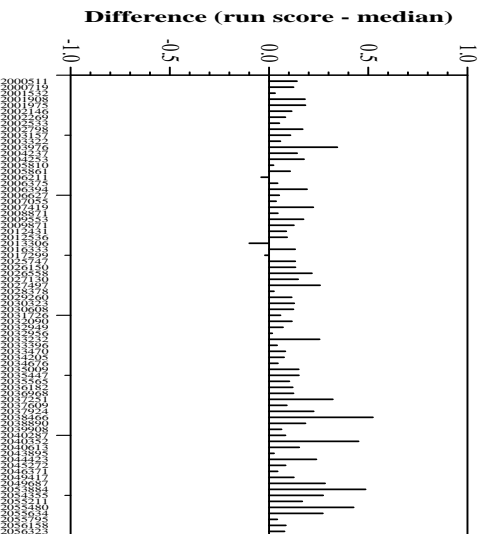
Overall measures	
Number of topics	76
Total number retrieved	6615
Total relevant	4613
Total relevant retrieved	1651
MAP	0.2783
Mean NDCG@10	0.7096
Mean Reciprocal Rank	0.8374

Document Level Averages	
	Precision
At 5 docs	0.7263
At 10 docs	0.6618
At 15 docs	0.5816
At 20 docs	0.5191
At 30 docs	0.4338
R-Precision	
Exact	0.3575

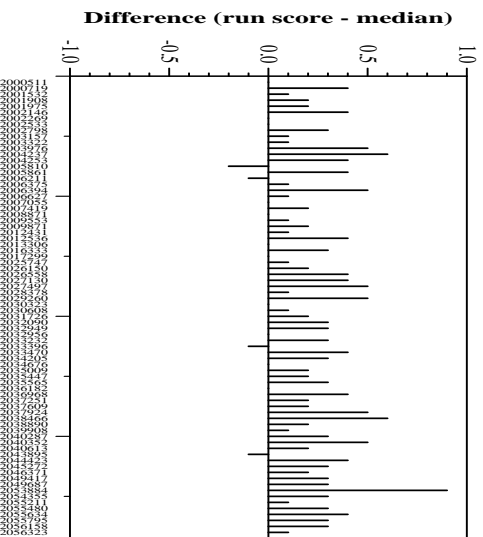




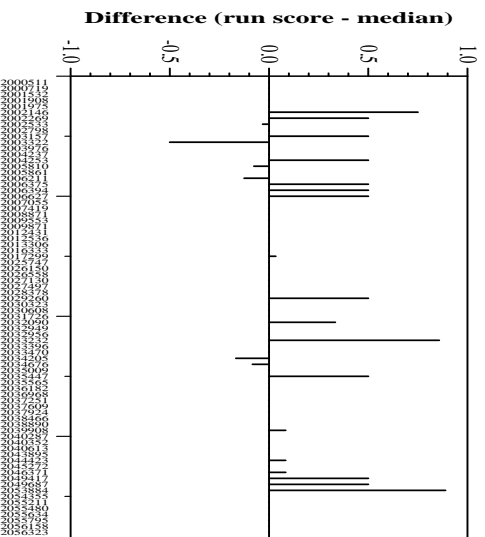
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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



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



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