

Deep Learning Track results — (h2oloo) University of Waterloo

Run Description	
Run ID:	p_f10_mdt5base
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	Yes
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data; Previous year's MS MARCO training data
Pre-processing/indexing cost:	Base run cost
Query processing cost:	mono - 20 mins on 1 TPU duo - 20 mins on 4 TPUs

Overall measures	
Number of topics	53
Total number retrieved	5300
Total relevant	3427
Total relevant retrieved	895
MAP	0.1819
Mean NDCG@10	0.6193
Mean Reciprocal Rank	0.7486

Document Level Averages	
	Precision
At 5 docs	0.5849
At 10 docs	0.5340
At 15 docs	0.4654
At 20 docs	0.4208
At 30 docs	0.3566

R-Precision	
Exact	0.2398



