

## Deep Learning Track results — (NLM) U.S. National Library of Medicine

Run Description	
Run ID	nlm-prfun-bert
Task	Passage Ranking
Subtask	Full ranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Unsupervised data/model; Used passage task training labels
ORCAS data used for something other than training?	No
Training cost?	30 hours of GPU compute time (1 high-end GPU) * multiple experiments/configs 12 hours of CPU/40G-RAM x multiple experiments/configs

Overall measures		Document Level Averages	
Number of topics	54		Precision
Total number retrieved	54000	At 5 docs	0.6074
Total relevant	1666	At 10 docs	0.4963
Total relevant retrieved	959	At 15 docs	0.4210
MAP	0.4265	At 20 docs	0.3796
Mean NDCG@10	0.6648	At 30 docs	0.3049
Mean NDCG@1000	0.6435	R-Precision	
Mean Reciprocal Rank	0.8603	Exact	0.4213



