Conversational Assistance Track results — (UMD) University of Maryland
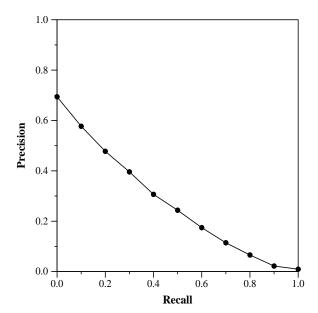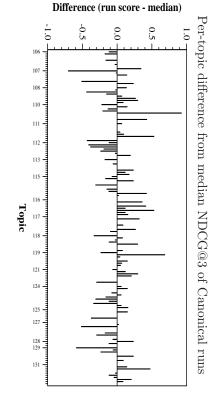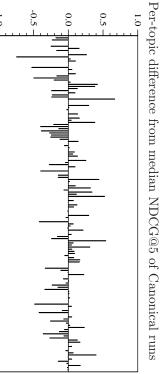
Run Description	
Run ID	umd2021_run1
Submission Category	Raw utterance and canonical responses
Query Method Features	method performs generative query rewriting
Query Data Features	method uses other external data
Passage Ranking Method Features	method uses a deep learning (neural) model; method uses a pre-trained neural language model
Passage Ranking Data Features	method is trained with TREC Deep Learning Track and/or MS MARCO dataset
Conversational Context Features	method uses previous raw utterances (queries) in the topic; method uses previous automatic canonical result for the topic

Overall measures	
Number of topics	158
Total number retrieved	125071
Total relevant	5505
Total relevant retrieved	3204
Mean NDCG @ 3	0.3875
Mean NDCG @ 5	0.3764
Mean NDCG @ 500	0.4625
MAP @ 500	0.2619

Document Level Averages	
	Precision
At 5 docs	0.4861
At 10 docs	0.4411
At 15 docs	0.4030
At 20 docs	0.3617
At 30 docs	0.2979

Per-topic difference from median NDCG@3 of Canonical runs

Difference (run score - median)

Topic

Per-topic difference from median NDCG@5 of Canonical runs

Difference (run score - median)

Topic

Per-topic difference from median NDCG@500 of Canonical runs

Difference (run score - median)

Topic

Per-topic difference from median Average Precision@500 of Canonical runs

Difference (run score - median)

Topic