Conversational Assistance Track results — (h2oloo) University of Waterloo

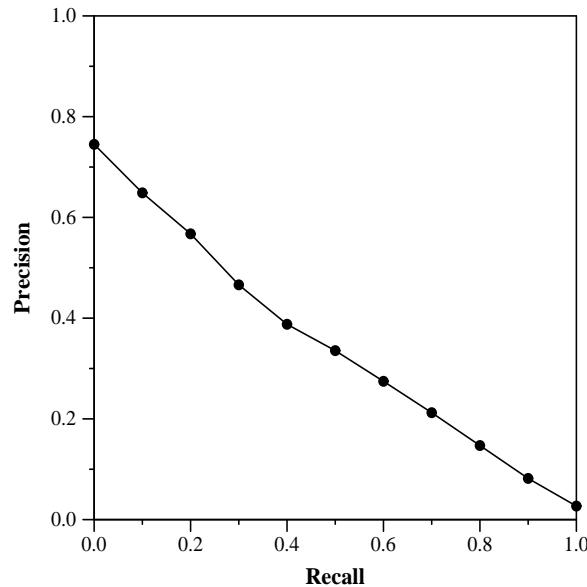| Run Description	
Run ID	h2oloo_RUN1
Submission Category	Raw utterance and canonical responses
Query Method Features	method uses heuristic rules; method uses a standard NLP toolkit; method performs generative query rewriting
Query Data Features	method uses other external data
Passage Ranking Method Features	method uses only unsupervised retrieval; 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 manual canonical result for the topic

Overall measures	
Number of topics	208
Total number retrieved	208000
Total relevant	6670
Total relevant retrieved	4937
Mean NDCG @ 3	0.4435
Mean NDCG @ 5	0.4392
Mean NDCG @ 1000	0.5491
MAP	0.3388

Document Level Averages	
	Precision
At 5 docs	0.5548
At 10 docs	0.5101
At 15 docs	0.4519
At 20 docs	0.4115
At 30 docs	0.3506

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

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

Per-topic difference from median NDCG@1000 of Canonical runs

Per-topic difference from median Average Precision of Canonical runs