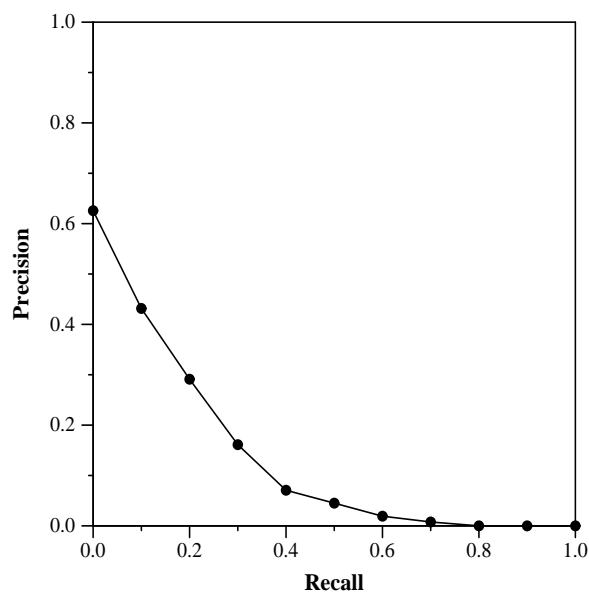


Conversational Assistance Track results — (CNR) CNR

Run Description	
Run ID	CNR-run4
Submission Category	Raw utterance and canonical responses
Query Method Features	method does not use any training data (i.e., unsupervised); method uses a standard NLP toolkit; method performs query expansion; method performs generative query rewriting
Query Data Features	method uses CAsT Y3 provided automatically rewritten utterances; 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 automatically rewritten utterances (queries) in the topic; method uses previous automatic canonical result for the topic

Overall measures		Document Level Averages	
Number of topics	158		Precision
Total number retrieved	22513	At 5 docs	0.4582
Total relevant	5505	At 10 docs	0.3791
Total relevant retrieved	1001	At 15 docs	0.3013
Mean NDCG @ 3	0.3327	At 20 docs	0.2522
Mean NDCG @ 5	0.3281	At 30 docs	0.1861
Mean NDCG @ 500	0.2201		
MAP @ 500	0.1279		



Conversational Assistance Track results — (CNR) CNR

