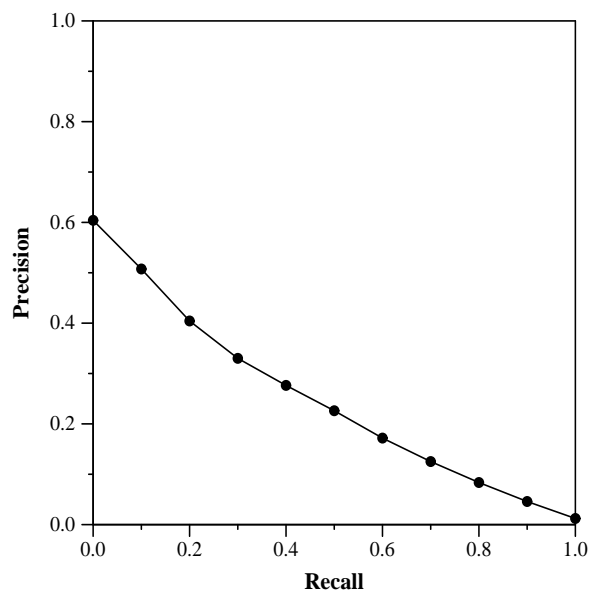


## Conversational Assistance Track results — (WaterlooClarke) University of Waterloo (Clarke)

Run Description	
Run ID	WatACReAll
Submission Category	Raw utterance only
Query Method Features	no method is used (raw utterances are used); method performs generative query rewriting
Query Data Features	
Passage Ranking Method Features	method uses only unsupervised retrieval; method uses a pre-trained neural language model
Passage Ranking Data Features	
Conversational Context Features	method uses previous raw utterances (queries) in the topic; method uses previous automatically rewritten utterances (queries) in the topic

Overall measures		Document Level Averages	
Number of topics	208		Precision
Total number retrieved	208000	At 5 docs	0.4144
Total relevant	6670	At 10 docs	0.3726
Total relevant retrieved	4263	At 15 docs	0.3372
Mean NDCG @ 3	0.3372	At 20 docs	0.3118
Mean NDCG @ 5	0.3265	At 30 docs	0.2691
Mean NDCG @ 1000	0.4350		
MAP	0.2384		



Conversational Assistance Track results — (WaterlooClarke) University of Waterloo (Clarke)

---

