

Query Reduction

	cosine similarity							
query term threshold	6	5	4	3				
map score	0.2717	0.2538	0.1641	0.1406				
# of relevant retrieved	86	85	82	72				
stats w/o reduction	rel_ret	73		w/o phrases	127			
	map	0.1523			0.33			
	bm25							
query term threshold	6	5	4	3				
map score	0.2301	0.2248	0.195	0.2007				
# of relevant retrieved	92	92	82	70				
stats w/o reduction	rel_ret	67		w/o phrases	129			
	map	0.1681			0.4765			
	kl divergence							
query term threshold	6	5	4	3				
map score	0.1956	0.2044	0.1688	0.1548				
# of relevant retrieved	92	93	91	79				
stats w/o reduction	rel_ret	63		w/o phrases	109			
	map	0.2567			0.3979			