

(1) Evaluation Result when Considering Links ('Survey'-type Evaluation)

Summary Statistics	
Run ID	oksat-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	interactive
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34536
Relevant:	3893
Rel-ret:	894

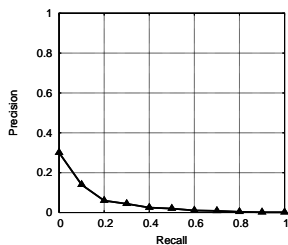
Summary Statistics	
Run ID	oksat-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	interactive
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34536
Relevant:	5687
Rel-ret:	1333

Recall Level Precision Averages	
Recall	Precision
0.00	0.3004
0.10	0.1396
0.20	0.0597
0.30	0.0437
0.40	0.0248
0.50	0.0199
0.60	0.0103
0.70	0.0082
0.80	0.0035
0.90	0.0013
1.00	0.0013
Average precision over all relevant documents	
non-interpolated	0.0400

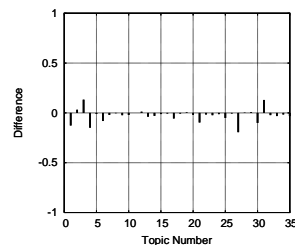
Document Level Averages	
	Precision
At 5 docs	0.1486
At 10 docs	0.1429
At 15 docs	0.1238
At 20 docs	0.1186
At 30 docs	0.1133
At 100 docs	0.0734
At 200 docs	0.0576
At 500 docs	0.0379
At 1000 docs	0.0255
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0675

Recall Level Precision Averages	
Recall	Precision
0.00	0.3603
0.10	0.1393
0.20	0.0839
0.30	0.0598
0.40	0.0415
0.50	0.0319
0.60	0.0187
0.70	0.0140
0.80	0.0023
0.90	0.0015
1.00	0.0015
Average precision over all relevant documents	
non-interpolated	0.0511

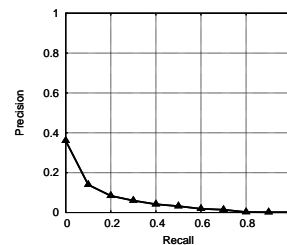
Document Level Averages	
	Precision
At 5 docs	0.1943
At 10 docs	0.1829
At 15 docs	0.1676
At 20 docs	0.1571
At 30 docs	0.1476
At 100 docs	0.1077
At 200 docs	0.0846
At 500 docs	0.0562
At 1000 docs	0.0381
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0871



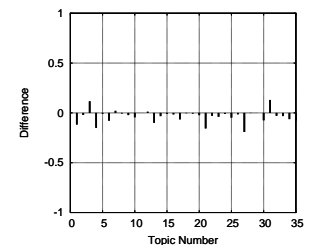
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 16 'interactive' and 'DISC only' runs)*

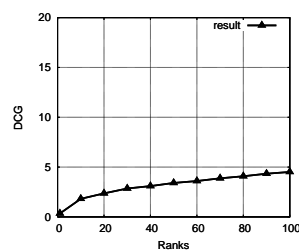


Recall-Precision Curve



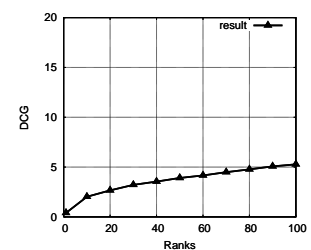
Difference from Median in Average Precision per Topic (over 16 'interactive' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.3429
At 10 docs	1.8130
At 20 docs	2.3600
At 30 docs	2.8508
At 40 docs	3.0902
At 50 docs	3.4085
At 60 docs	3.6007
At 70 docs	3.8709
At 80 docs	4.0778
At 90 docs	4.3364
At 100 docs	4.5103
At 200 docs	5.7243
At 500 docs	7.6077
At 1000 docs	9.1623



Discounted Cumulative Gain Curve ($G_S = 3, G_A = 2, G_B = 0$)

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.4000
At 10 docs	2.0195
At 20 docs	2.6611
At 30 docs	3.2137
At 40 docs	3.5420
At 50 docs	3.9068
At 60 docs	4.1583
At 70 docs	4.4901
At 80 docs	4.7701
At 90 docs	5.0687
At 100 docs	5.2731
At 200 docs	6.7610
At 500 docs	9.0922
At 1000 docs	11.0081



Discounted Cumulative Gain Curve ($G_S = 3, G_A = 2, G_B = 1$)

* Topic Numbers: (1,2,3,4, 5, 6, 7, 8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35)
 Topic IDs: (1,3,4,6,19,21,22,23,28,29,34,44,45,55,58,61,62,63,65,68,70,71,73,74,76,80,82,84,86,88,91,95,97,98,99)

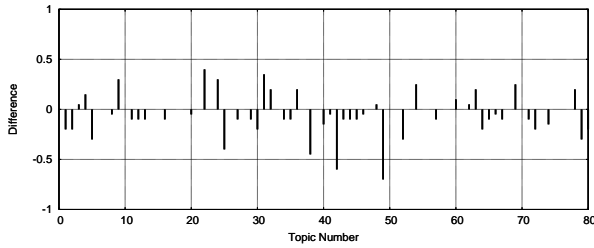
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	oksat-ds-01
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	interactive
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	80

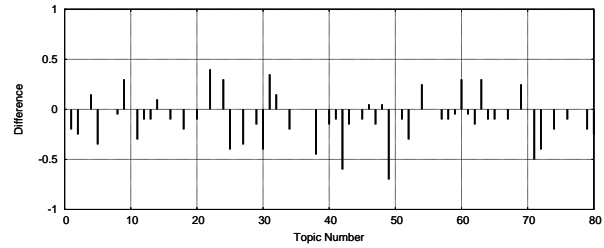
Summary Statistics	
Run ID	oksat-ds-01
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	interactive
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	80

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level1) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.1725	0.2644	53	0.6625
At 10 docs	0.1688	0.2841	42	0.5250
At 15 docs	0.1500	0.2870	39	0.4875
At 20 docs	0.1406	0.2876	38	0.4750

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.2150	0.3098	50	0.6250
At 10 docs	0.2088	0.3309	38	0.4750
At 15 docs	0.1908	0.3338	35	0.4375
At 20 docs	0.1775	0.3345	34	0.4250

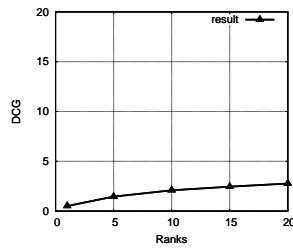


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'interactive' and 'DISC only' runs) *



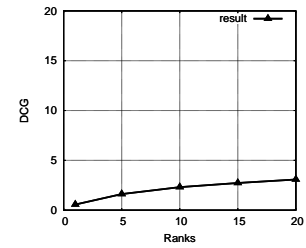
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'interactive' and 'DISC only' runs) *

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.5125
At 5 doc	1.4578
At 10 docs	2.0893
At 15 docs	2.4561
At 20 docs	2.7711



Discounted Cummulative Gain Curve
($G_S = 3, G_A = 2, G_B = 0$)

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.5625
At 5 doc	1.6126
At 10 docs	2.3122
At 15 docs	2.7269
At 20 docs	3.0781



Discounted Cummulative Gain Curve
($G_S = 3, G_A = 2, G_B = 1$)

* Topic Numbers: (1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12,13,14,15,16,17,18,19,20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80)
Topic IDs: (1, 2, 3, 4, 5, 6, 7, 9,11,14,15,19,21,22,23,24,25,26,28,29, 30, 31, 34, 38, 43, 44, 45, 46, 55, 57, 58, 60, 61, 62, 63, 65, 66, 67, 68, 70, 71,72,73,74,76,77,80,81,82,84,86,88,89,91,94,95,97,98,99,108,110,111,112,116,117,119,120,122,123,127,129,132,133,143,145,146,149,150,151,152)