

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

Summary Statistics	
Run ID	oksat-tt-01
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	interactive
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	12839
Relevant:	3893
Rel-ret:	1661

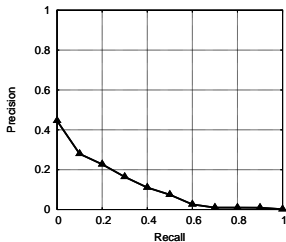
Summary Statistics	
Run ID	oksat-tt-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	interactive
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	12839
Relevant:	5687
Rel-ret:	1922

Recall Level Precision Averages	
Recall	Precision
0.00	0.4452
0.10	0.2795
0.20	0.2269
0.30	0.1639
0.40	0.1103
0.50	0.0743
0.60	0.0258
0.70	0.0097
0.80	0.0097
0.90	0.0090
1.00	0.0015
Average precision over all relevant documents	
non-interpolated	0.1075

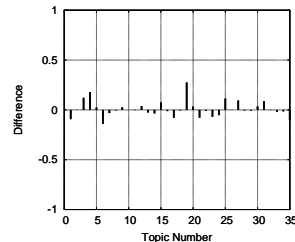
Document Level Averages	
	Precision
At 5 docs	0.2971
At 10 docs	0.2571
At 15 docs	0.2457
At 20 docs	0.2314
At 30 docs	0.2143
At 100 docs	0.1780
At 200 docs	0.1383
At 500 docs	0.0811
At 1000 docs	0.0475
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1502

Recall Level Precision Averages	
Recall	Precision
0.00	0.4879
0.10	0.3060
0.20	0.2112
0.30	0.1042
0.40	0.0860
0.50	0.0456
0.60	0.0257
0.70	0.0103
0.80	0.0102
0.90	0.0018
1.00	0.0018
Average precision over all relevant documents	
non-interpolated	0.1007

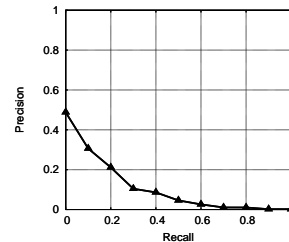
Document Level Averages	
	Precision
At 5 docs	0.3429
At 10 docs	0.3114
At 15 docs	0.2933
At 20 docs	0.2771
At 30 docs	0.2562
At 100 docs	0.2100
At 200 docs	0.1627
At 500 docs	0.0934
At 1000 docs	0.0549
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1542



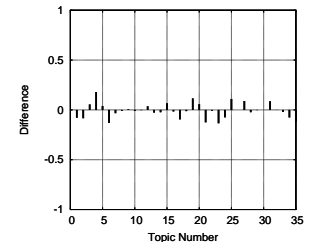
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 23 'interactive' and 'TITLE only' runs)\*

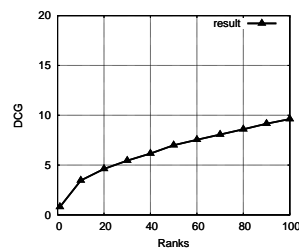


Recall-Precision Curve



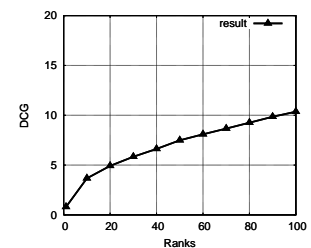
Difference from Median in Average Precision per Topic (over 23 'interactive' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cumulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 1$ )	
	DCG
At 1 doc	0.8000
At 10 docs	3.4561
At 20 docs	4.6152
At 30 docs	5.4474
At 40 docs	6.1605
At 50 docs	6.9908
At 60 docs	7.5390
At 70 docs	8.0648
At 80 docs	8.5915
At 90 docs	9.1528
At 100 docs	9.6178
At 200 docs	12.5787
At 500 docs	15.8691
At 1000 docs	17.4799



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	0.8000
At 10 docs	3.6706
At 20 docs	4.9190
At 30 docs	5.8357
At 40 docs	6.6202
At 50 docs	7.4868
At 60 docs	8.0891
At 70 docs	8.6622
At 80 docs	9.2529
At 90 docs	9.8500
At 100 docs	10.3583
At 200 docs	13.5085
At 500 docs	16.9632
At 1000 docs	18.7156



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 )

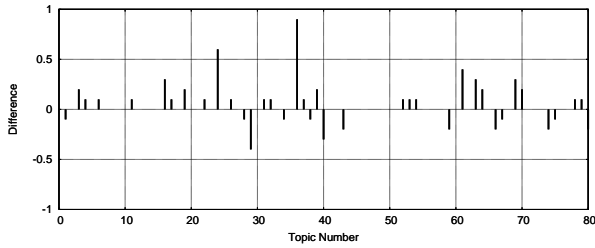
## (2) Evaluation Result when Considering Links ('Target'-type Evaluation)

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

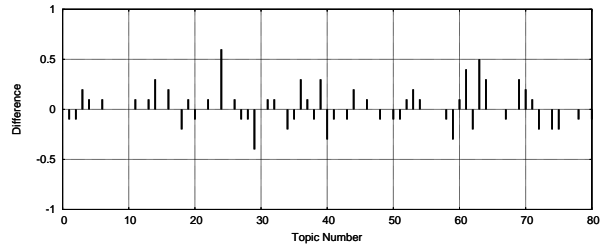
Summary Statistics	
Run ID	oksat-tt-01
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	interactive
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	80

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	0.2875	0.3763	38	0.4750
At 10 docs	0.2675	0.3930	27	0.3375
At 15 docs	0.2567	0.3982	22	0.2750
At 20 docs	0.2550	0.3990	21	0.2625

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	0.3525	0.4492	30	0.3750
At 10 docs	0.3313	0.4633	21	0.2625
At 15 docs	0.3150	0.4677	17	0.2125
At 20 docs	0.3063	0.4684	16	0.2000

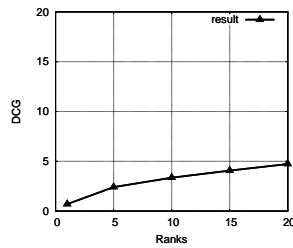


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'interactive' and 'TITLE only' runs)\*



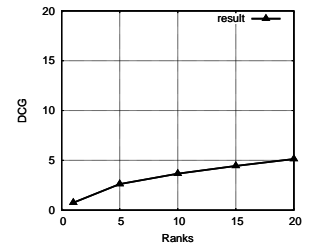
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'interactive' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cummulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 0$ )	
	DCG
At 1 doc	0.7000
At 5 doc	2.4094
At 10 docs	3.3531
At 15 docs	4.0694
At 20 docs	4.7262



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	0.7500
At 5 doc	2.6178
At 10 docs	3.6628
At 15 docs	4.4398
At 20 docs	5.1333



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 )