

OKSAT-WEB-F-05

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	OKSAT-WEB-F-05
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	45
Total number of documents over all topics	
Retrieved:	28215
Relevant:	521
Rel-ret:	372

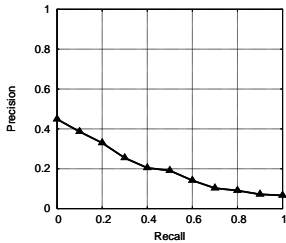
Summary Statistics	
Run ID	OKSAT-WEB-F-05
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	29215
Relevant:	812
Rel-ret:	610

Recall Level Precision Averages	
Recall	Precision
0.00	0.4487
0.10	0.3860
0.20	0.3294
0.30	0.2544
0.40	0.2043
0.50	0.1909
0.60	0.1413
0.70	0.1026
0.80	0.0905
0.90	0.0716
1.00	0.0659
Average precision over all relevant documents	
non-interpolated	0.1942

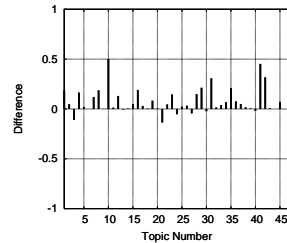
Document Level Averages	
	Precision
At 5 docs	0.1733
At 10 docs	0.1467
At 15 docs	0.1200
At 20 docs	0.1000
At 30 docs	0.0859
At 100 docs	0.0498
At 200 docs	0.0296
At 500 docs	0.0150
At 1000 docs	0.0083
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2021

Recall Level Precision Averages	
Recall	Precision
0.00	0.5609
0.10	0.4546
0.20	0.3943
0.30	0.3353
0.40	0.2542
0.50	0.2333
0.60	0.1750
0.70	0.1090
0.80	0.1014
0.90	0.0655
1.00	0.0488
Average precision over all relevant documents	
non-interpolated	0.2276

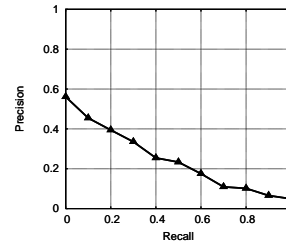
Document Level Averages	
	Precision
At 5 docs	0.2739
At 10 docs	0.2196
At 15 docs	0.1754
At 20 docs	0.1511
At 30 docs	0.1362
At 100 docs	0.0783
At 200 docs	0.0508
At 500 docs	0.0243
At 1000 docs	0.0133
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2228



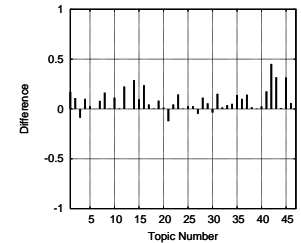
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)*

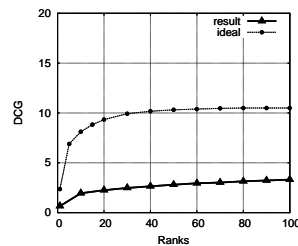


Recall-Precision Curve



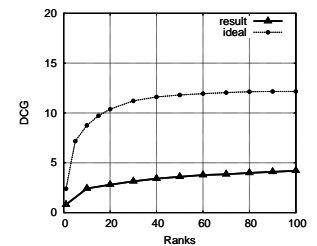
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.6522
At 10 docs	1.9422
At 20 docs	2.2462
At 30 docs	2.4768
At 40 docs	2.6407
At 50 docs	2.7996
At 60 docs	2.9458
At 70 docs	3.0182
At 80 docs	3.1403
At 90 docs	3.2249
At 100 docs	3.3076
At 200 docs	3.6004
At 500 docs	3.9790
At 1000 docs	4.1463



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	0.8043
At 10 docs	2.4211
At 20 docs	2.7966
At 30 docs	3.1395
At 40 docs	3.4089
At 50 docs	3.5954
At 60 docs	3.7716
At 70 docs	3.8476
At 80 docs	3.9837
At 90 docs	4.0886
At 100 docs	4.1978
At 200 docs	4.6961
At 500 docs	5.1377
At 1000 docs	5.3395



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)
Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,58,59,60,61,62,63)

** 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)
Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,57,58,59,60,61,62,63)

(2) Evaluation Result with Considering Links

Summary Statistics	
Run ID	OKSAT-WEB-F-05
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	28268
Relevant:	966
Rel-ret:	653

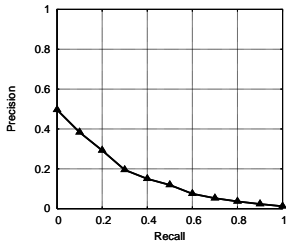
Summary Statistics	
Run ID	OKSAT-WEB-F-05
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	29268
Relevant:	1381
Rel-ret:	931

Recall Level Precision Averages	
Recall	Precision
0.00	0.4960
0.10	0.3832
0.20	0.2924
0.30	0.1946
0.40	0.1499
0.50	0.1191
0.60	0.0749
0.70	0.0525
0.80	0.0364
0.90	0.0233
1.00	0.0122
Average precision over all relevant documents	
non-interpolated	0.1427

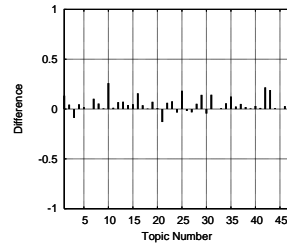
Document Level Averages	
	Precision
At 5 docs	0.2087
At 10 docs	0.1739
At 15 docs	0.1464
At 20 docs	0.1315
At 30 docs	0.1152
At 100 docs	0.0724
At 200 docs	0.0489
At 500 docs	0.0250
At 1000 docs	0.0142
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1626

Recall Level Precision Averages	
Recall	Precision
0.00	0.5836
0.10	0.3868
0.20	0.3322
0.30	0.2465
0.40	0.1759
0.50	0.1394
0.60	0.0999
0.70	0.0678
0.80	0.0473
0.90	0.0283
1.00	0.0079
Average precision over all relevant documents	
non-interpolated	0.1699

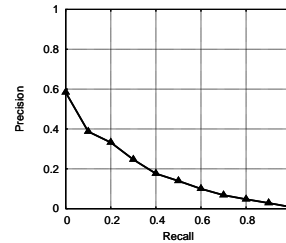
Document Level Averages	
	Precision
At 5 docs	0.3021
At 10 docs	0.2489
At 15 docs	0.2043
At 20 docs	0.1883
At 30 docs	0.1723
At 100 docs	0.1077
At 200 docs	0.0731
At 500 docs	0.0357
At 1000 docs	0.0198
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1946



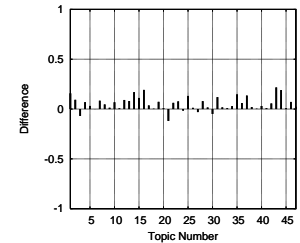
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)*

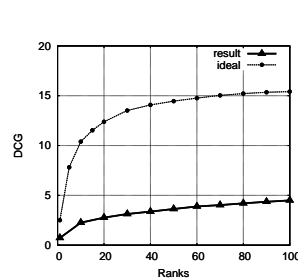


Recall-Precision Curve



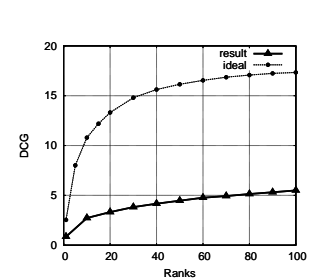
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.7234
At 10 docs	2.2581
At 20 docs	2.7623
At 30 docs	3.1256
At 40 docs	3.3677
At 50 docs	3.6315
At 60 docs	3.8845
At 70 docs	4.0223
At 80 docs	4.1999
At 90 docs	4.3557
At 100 docs	4.4914
At 200 docs	5.2042
At 500 docs	5.8874
At 1000 docs	6.2484



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

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.8511
At 10 docs	2.7254
At 20 docs	3.3208
At 30 docs	3.8207
At 40 docs	4.1622
At 50 docs	4.4647
At 60 docs	4.7618
At 70 docs	4.9312
At 80 docs	5.1326
At 90 docs	5.3117
At 100 docs	5.4928
At 200 docs	6.4096
At 500 docs	7.1629
At 1000 docs	7.5575



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)
 Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,58,59,60,61,62,63)

** 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)
 Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,57,58,59,60,61,62,63)