

OKSAT-WEB-F-03

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	OKSAT-WEB-F-03
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	45
Total number of documents over all topics	
Retrieved:	42752
Relevant:	521
Rel-ret:	347

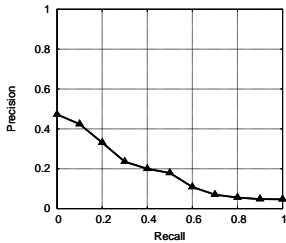
Summary Statistics	
Run ID	OKSAT-WEB-F-03
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	43752
Relevant:	812
Rel-ret:	572

Recall Level Precision Averages	
Recall	Precision
0.00	0.4725
0.10	0.4240
0.20	0.3313
0.30	0.2357
0.40	0.1996
0.50	0.1789
0.60	0.1084
0.70	0.0701
0.80	0.0554
0.90	0.0476
1.00	0.0466
Average precision over all relevant documents	
non-interpolated	0.1827

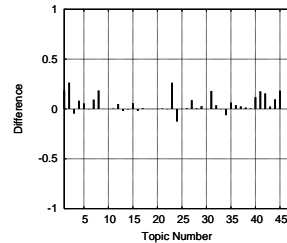
Document Level Averages	
	Precision
At 5 docs	0.1644
At 10 docs	0.1400
At 15 docs	0.1081
At 20 docs	0.0922
At 30 docs	0.0778
At 100 docs	0.0444
At 200 docs	0.0273
At 500 docs	0.0140
At 1000 docs	0.0077
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1777

Recall Level Precision Averages	
Recall	Precision
0.00	0.5531
0.10	0.4501
0.20	0.3812
0.30	0.2995
0.40	0.2269
0.50	0.1830
0.60	0.1497
0.70	0.0583
0.80	0.0431
0.90	0.0245
1.00	0.0212
Average precision over all relevant documents	
non-interpolated	0.1979

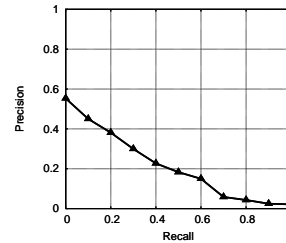
Document Level Averages	
	Precision
At 5 docs	0.2783
At 10 docs	0.2109
At 15 docs	0.1696
At 20 docs	0.1489
At 30 docs	0.1268
At 100 docs	0.0680
At 200 docs	0.0424
At 500 docs	0.0224
At 1000 docs	0.0124
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2114



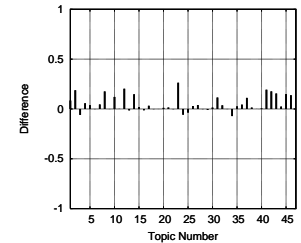
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

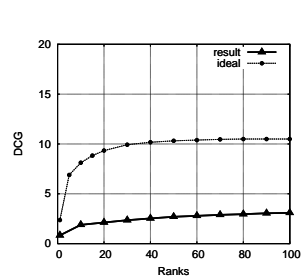


Recall-Precision Curve



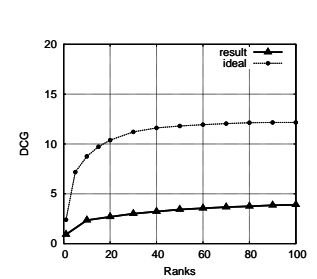
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.8261
At 10 docs	1.8830
At 20 docs	2.1174
At 30 docs	2.3486
At 40 docs	2.5272
At 50 docs	2.6932
At 60 docs	2.7870
At 70 docs	2.8843
At 80 docs	2.9539
At 90 docs	3.0451
At 100 docs	3.0849
At 200 docs	3.3738
At 500 docs	3.7419
At 1000 docs	3.9024



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	0.9130
At 10 docs	2.3497
At 20 docs	2.6859
At 30 docs	3.0017
At 40 docs	3.2142
At 50 docs	3.4236
At 60 docs	3.5476
At 70 docs	3.6629
At 80 docs	3.7430
At 90 docs	3.8478
At 100 docs	3.8976
At 200 docs	4.2828
At 500 docs	4.7939
At 1000 docs	5.0145



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-03
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	43752
Relevant:	966
Rel-ret:	605

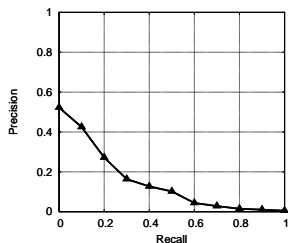
Summary Statistics	
Run ID	OKSAT-WEB-F-03
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	44752
Relevant:	1381
Rel-ret:	888

Recall Level Precision Averages	
Recall	Precision
0.00	0.5225
0.10	0.4249
0.20	0.2716
0.30	0.1635
0.40	0.1267
0.50	0.1018
0.60	0.0438
0.70	0.0280
0.80	0.0147
0.90	0.0100
1.00	0.0046
Average precision over all relevant documents	
non-interpolated	0.1299

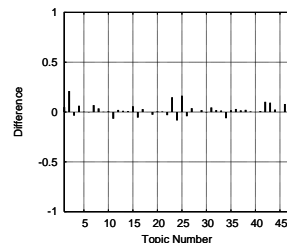
Document Level Averages	
	Precision
At 5 docs	0.2043
At 10 docs	0.1696
At 15 docs	0.1348
At 20 docs	0.1228
At 30 docs	0.1058
At 100 docs	0.0670
At 200 docs	0.0453
At 500 docs	0.0233
At 1000 docs	0.0132
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1528

Recall Level Precision Averages	
Recall	Precision
0.00	0.5847
0.10	0.3806
0.20	0.3197
0.30	0.2072
0.40	0.1336
0.50	0.0963
0.60	0.0667
0.70	0.0360
0.80	0.0186
0.90	0.0099
1.00	0.0024
Average precision over all relevant documents	
non-interpolated	0.1473

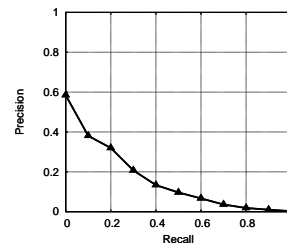
Document Level Averages	
	Precision
At 5 docs	0.3149
At 10 docs	0.2426
At 15 docs	0.2000
At 20 docs	0.1851
At 30 docs	0.1624
At 100 docs	0.0957
At 200 docs	0.0637
At 500 docs	0.0336
At 1000 docs	0.0189
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1825



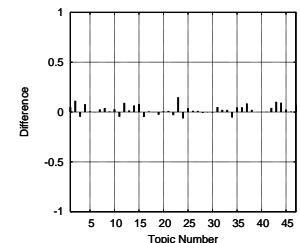
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

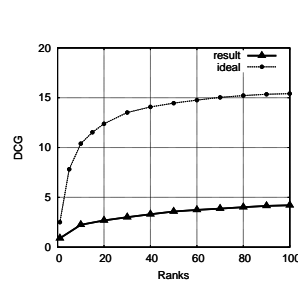


Recall-Precision Curve



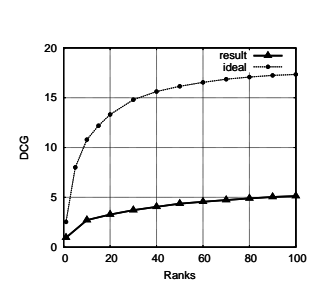
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.8936
At 10 docs	2.2456
At 20 docs	2.6811
At 30 docs	3.0086
At 40 docs	3.3021
At 50 docs	3.5768
At 60 docs	3.7379
At 70 docs	3.8683
At 80 docs	4.0117
At 90 docs	4.1409
At 100 docs	4.2058
At 200 docs	4.9337
At 500 docs	5.5422
At 1000 docs	5.8870



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	0.9574
At 10 docs	2.7170
At 20 docs	3.2736
At 30 docs	3.7153
At 40 docs	4.0464
At 50 docs	4.3675
At 60 docs	4.5544
At 70 docs	4.7307
At 80 docs	4.8912
At 90 docs	5.0369
At 100 docs	5.1310
At 200 docs	5.9727
At 500 docs	6.7667
At 1000 docs	7.1767



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)