

OASIS12

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	OASIS12
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:	45000
Relevant:	521
Rel-ret:	261

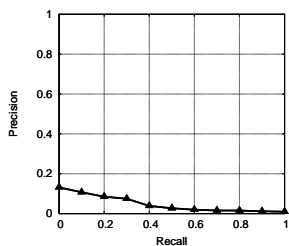
Summary Statistics	
Run ID	OASIS12
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	46000
Relevant:	812
Rel-ret:	398

Recall Level Precision Averages	
Recall	Precision
0.00	0.1316
0.10	0.1069
0.20	0.0849
0.30	0.0746
0.40	0.0387
0.50	0.0268
0.60	0.0195
0.70	0.0156
0.80	0.0152
0.90	0.0115
1.00	0.0095
Average precision over all relevant documents	
non-interpolated	0.0424

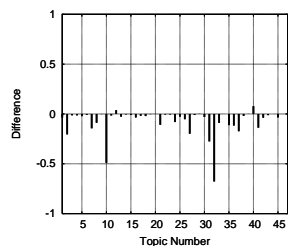
Document Level Averages	
	Precision
At 5 docs	0.0400
At 10 docs	0.0444
At 15 docs	0.0385
At 20 docs	0.0378
At 30 docs	0.0341
At 100 docs	0.0224
At 200 docs	0.0151
At 500 docs	0.0088
At 1000 docs	0.0058
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0383

Recall Level Precision Averages	
Recall	Precision
0.00	0.1620
0.10	0.1293
0.20	0.0870
0.30	0.0712
0.40	0.0624
0.50	0.0378
0.60	0.0290
0.70	0.0177
0.80	0.0154
0.90	0.0091
1.00	0.0059
Average precision over all relevant documents	
non-interpolated	0.0492

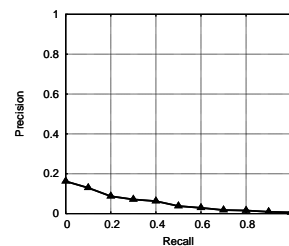
Document Level Averages	
	Precision
At 5 docs	0.0609
At 10 docs	0.0630
At 15 docs	0.0551
At 20 docs	0.0533
At 30 docs	0.0507
At 100 docs	0.0328
At 200 docs	0.0222
At 500 docs	0.0131
At 1000 docs	0.0087
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0490



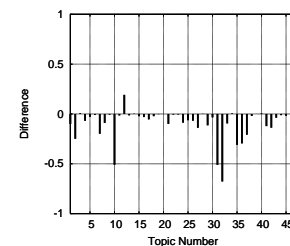
Recall-Precision Curve



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

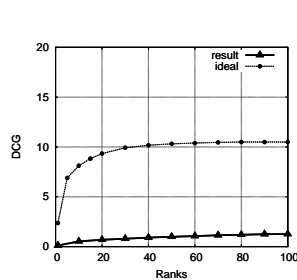


Recall-Precision Curve



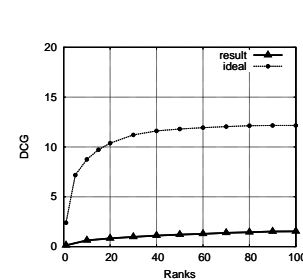
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.1087
At 10 docs	0.5266
At 20 docs	0.6860
At 30 docs	0.7929
At 40 docs	0.9027
At 50 docs	0.9860
At 60 docs	1.0538
At 70 docs	1.1363
At 80 docs	1.1884
At 90 docs	1.2460
At 100 docs	1.2559
At 200 docs	1.4693
At 500 docs	1.8123
At 1000 docs	2.1085



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	0.1304
At 10 docs	0.6264
At 20 docs	0.8253
At 30 docs	0.9744
At 40 docs	1.1050
At 50 docs	1.2041
At 60 docs	1.2794
At 70 docs	1.3799
At 80 docs	1.4425
At 90 docs	1.5172
At 100 docs	1.5304
At 200 docs	1.8045
At 500 docs	2.2342
At 1000 docs	2.6113



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	OASIS12
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:	46000
Relevant:	966
Rel-ret:	405

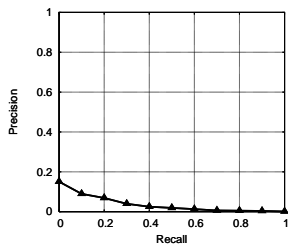
Summary Statistics	
Run ID	OASIS12
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	1381
Rel-ret:	571

Recall Level Precision Averages	
Recall	Precision
0.00	0.1506
0.10	0.0895
0.20	0.0688
0.30	0.0396
0.40	0.0248
0.50	0.0189
0.60	0.0128
0.70	0.0060
0.80	0.0049
0.90	0.0036
1.00	0.0009
Average precision over all relevant documents	
non-interpolated	0.0302

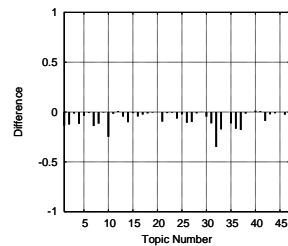
Document Level Averages	
	Precision
At 5 docs	0.0522
At 10 docs	0.0587
At 15 docs	0.0493
At 20 docs	0.0457
At 30 docs	0.0420
At 100 docs	0.0304
At 200 docs	0.0215
At 500 docs	0.0130
At 1000 docs	0.0088
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0398

Recall Level Precision Averages	
Recall	Precision
0.00	0.1949
0.10	0.1123
0.20	0.0767
0.30	0.0473
0.40	0.0288
0.50	0.0200
0.60	0.0141
0.70	0.0080
0.80	0.0067
0.90	0.0043
1.00	0.0003
Average precision over all relevant documents	
non-interpolated	0.0373

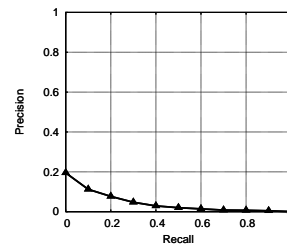
Document Level Averages	
	Precision
At 5 docs	0.0809
At 10 docs	0.0851
At 15 docs	0.0723
At 20 docs	0.0660
At 30 docs	0.0610
At 100 docs	0.0426
At 200 docs	0.0297
At 500 docs	0.0181
At 1000 docs	0.0121
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0585



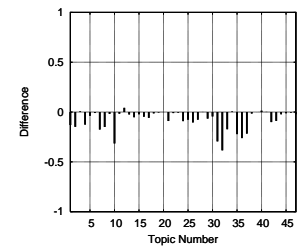
Recall-Precision Curve



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

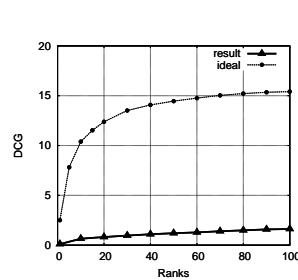


Recall-Precision Curve



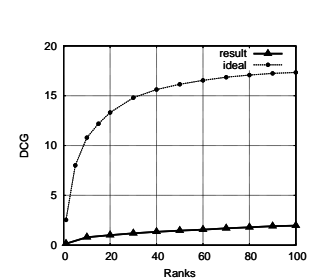
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.1064
At 10 docs	0.6470
At 20 docs	0.8149
At 30 docs	0.9643
At 40 docs	1.0970
At 50 docs	1.2018
At 60 docs	1.2829
At 70 docs	1.3955
At 80 docs	1.4873
At 90 docs	1.5835
At 100 docs	1.6223
At 200 docs	1.9714
At 500 docs	2.4924
At 1000 docs	3.0087



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	0.1489
At 10 docs	0.7937
At 20 docs	1.0059
At 30 docs	1.1922
At 40 docs	1.3410
At 50 docs	1.4612
At 60 docs	1.5570
At 70 docs	1.6908
At 80 docs	1.7929
At 90 docs	1.9058
At 100 docs	1.9608
At 200 docs	2.3781
At 500 docs	3.0107
At 1000 docs	3.6195



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)