

OASIS11

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	OASIS11
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:	254

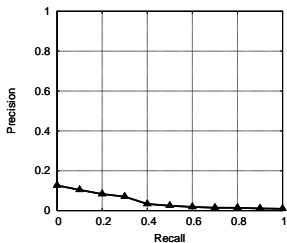
Summary Statistics	
Run ID	OASIS11
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	46000
Relevant:	812
Rel-ret:	389

Recall Level Precision Averages	
Recall	Precision
0.00	0.1263
0.10	0.1039
0.20	0.0830
0.30	0.0700
0.40	0.0332
0.50	0.0244
0.60	0.0184
0.70	0.0144
0.80	0.0139
0.90	0.0107
1.00	0.0089
Average precision over all relevant documents	
non-interpolated	0.0402

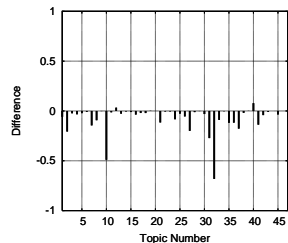
Document Level Averages	
	Precision
At 5 docs	0.0400
At 10 docs	0.0400
At 15 docs	0.0356
At 20 docs	0.0367
At 30 docs	0.0333
At 100 docs	0.0218
At 200 docs	0.0144
At 500 docs	0.0084
At 1000 docs	0.0056
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0383

Recall Level Precision Averages	
Recall	Precision
0.00	0.1510
0.10	0.1226
0.20	0.0813
0.30	0.0679
0.40	0.0599
0.50	0.0346
0.60	0.0275
0.70	0.0161
0.80	0.0144
0.90	0.0084
1.00	0.0054
Average precision over all relevant documents	
non-interpolated	0.0463

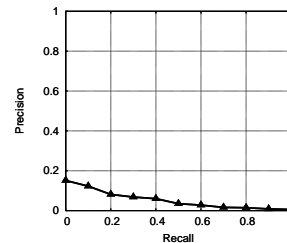
Document Level Averages	
	Precision
At 5 docs	0.0565
At 10 docs	0.0565
At 15 docs	0.0507
At 20 docs	0.0500
At 30 docs	0.0485
At 100 docs	0.0317
At 200 docs	0.0210
At 500 docs	0.0124
At 1000 docs	0.0085
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0444



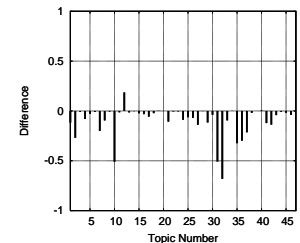
Recall-Precision Curve



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

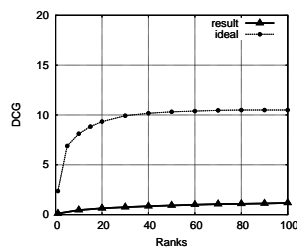


Recall-Precision Curve



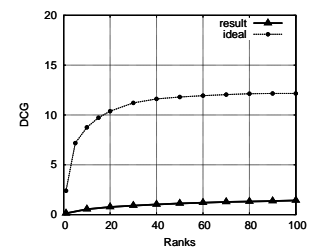
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.1087
At 10 docs	0.4515
At 20 docs	0.6351
At 30 docs	0.7459
At 40 docs	0.8427
At 50 docs	0.9181
At 60 docs	0.9894
At 70 docs	1.0542
At 80 docs	1.0785
At 90 docs	1.1159
At 100 docs	1.1721
At 200 docs	1.3805
At 500 docs	1.7123
At 1000 docs	2.0148



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	0.5423
At 20 docs	0.7635
At 30 docs	0.9020
At 40 docs	1.0201
At 50 docs	1.1195
At 60 docs	1.1946
At 70 docs	1.2702
At 80 docs	1.3120
At 90 docs	1.3629
At 100 docs	1.4224
At 200 docs	1.6855
At 500 docs	2.1015
At 1000 docs	2.4932



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	OASIS11
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:	391

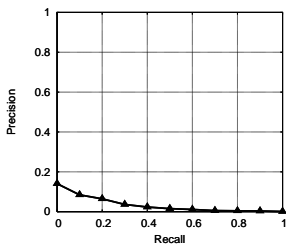
Summary Statistics	
Run ID	OASIS11
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	1381
Rel-ret:	554

Recall Level Precision Averages	
Recall	Precision
0.00	0.1406
0.10	0.0844
0.20	0.0644
0.30	0.0362
0.40	0.0233
0.50	0.0153
0.60	0.0110
0.70	0.0053
0.80	0.0042
0.90	0.0033
1.00	0.0007
Average precision over all relevant documents	
non-interpolated	0.0281

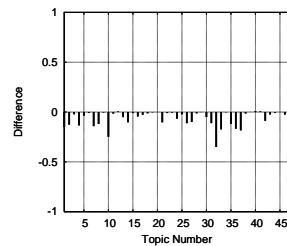
Document Level Averages	
	Precision
At 5 docs	0.0522
At 10 docs	0.0522
At 15 docs	0.0464
At 20 docs	0.0446
At 30 docs	0.0406
At 100 docs	0.0291
At 200 docs	0.0204
At 500 docs	0.0122
At 1000 docs	0.0085
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0386

Recall Level Precision Averages	
Recall	Precision
0.00	0.1802
0.10	0.1066
0.20	0.0726
0.30	0.0432
0.40	0.0271
0.50	0.0174
0.60	0.0122
0.70	0.0072
0.80	0.0053
0.90	0.0039
1.00	0.0002
Average precision over all relevant documents	
non-interpolated	0.0345

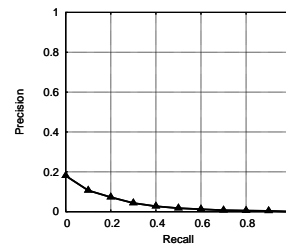
Document Level Averages	
	Precision
At 5 docs	0.0766
At 10 docs	0.0745
At 15 docs	0.0667
At 20 docs	0.0628
At 30 docs	0.0582
At 100 docs	0.0402
At 200 docs	0.0281
At 500 docs	0.0171
At 1000 docs	0.0118
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0575



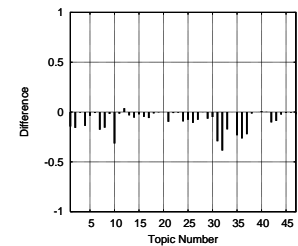
Recall-Precision Curve



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

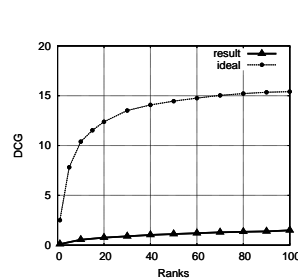


Recall-Precision Curve



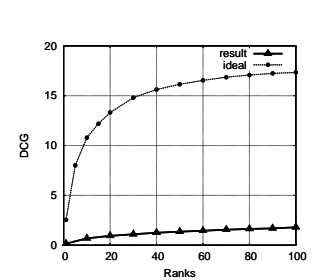
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.1064
At 10 docs	0.5476
At 20 docs	0.7554
At 30 docs	0.8908
At 40 docs	1.0273
At 50 docs	1.1165
At 60 docs	1.2008
At 70 docs	1.2888
At 80 docs	1.3400
At 90 docs	1.3832
At 100 docs	1.4870
At 200 docs	1.8190
At 500 docs	2.3516
At 1000 docs	2.8542



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	0.6843
At 20 docs	0.9342
At 30 docs	1.0966
At 40 docs	1.2457
At 50 docs	1.3545
At 60 docs	1.4460
At 70 docs	1.5553
At 80 docs	1.6270
At 90 docs	1.6834
At 100 docs	1.7936
At 200 docs	2.1944
At 500 docs	2.8355
At 1000 docs	3.4365



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)