GRACE-LA1-3

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	GRACE-LA1-3
Subtask	I-A1
Relevant Level	Level1 (H or A)
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:	2492
Rel-ret:	1772

Summary Statistics	
Run ID	GRACE-LA1-3
Subtask	I-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:	3706
Rel-ret:	2576

Recall Level Precision Averages	
Recall	Precision
0.00	0.4807
0.10	0.2823
0.20	0.2331
0.30	0.2116
0.40	0.1813
0.50	0.1529
0.60	0.1281
0.70	0.1049
0.80	0.0846
0.90	0.0442
1.00	0.0172
Average precision over all relevant documents	
non-interpolated	0.1548

Document Level Averages	
	Precision
At 5 docs	0.2553
At 10 docs	0.2340
At 15 docs	0.2099
At 20 docs	0.2138
At 30 docs	0.1979
At 100 docs	0.1477
At 200 docs	0.1086
At 500 docs	0.0626
At 1000 docs	0.0377
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1799

Recall Level Precision Averages	
Recall	Precision
0.00	0.5809
0.10	0.3723
0.20	0.3076
0.30	0.2748
0.40	0.2432
0.50	0.2133
0.60	0.1754
0.70	0.1474
0.80	0.1028
0.90	0.0578
1.00	0.0105
Average precision over all relevant documents	
non-interpolated	0.2082

| Document Level Averages	
	Precision
At 5 docs	0.3872
At 10 docs	0.3298
At 15 docs	0.3177
At 20 docs	0.3106
At 30 docs	0.2908
At 100 docs	0.2206
At 200 docs	0.1624
At 500 docs	0.0917
At 1000 docs	0.0548
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.2302
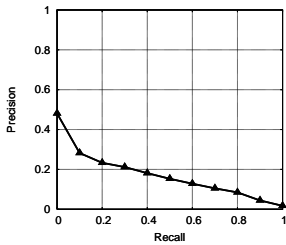
Recall-Precision Curve
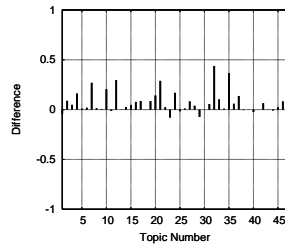
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*
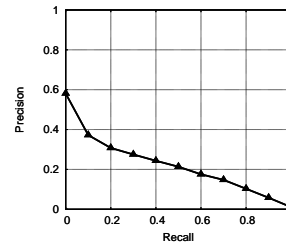

Recall-Precision Curve
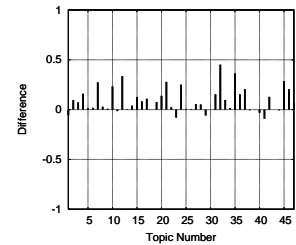
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted (log$_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.8085
At 10 docs	2.9707
At 20 docs	4.0696
At 30 docs	4.8631
At 40 docs	5.5704
At 50 docs	6.2235
At 60 docs	6.5616
At 70 docs	6.9886
At 80 docs	7.3576
At 90 docs	7.6830
At 100 docs	8.0356
At 200 docs	10.0350
At 500 docs	12.3982
At 1000 docs	13.7948
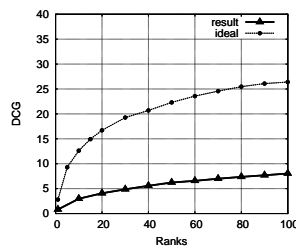
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted (log$_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.8723
At 10 docs	3.5222
At 20 docs	4.8760
At 30 docs	5.8514
At 40 docs	6.6920
At 50 docs	7.4458
At 60 docs	7.9235
At 70 docs	8.4669
At 80 docs	8.9348
At 90 docs	9.3500
At 100 docs	9.7899
At 200 docs	12.2733
At 500 docs	15.0922
At 1000 docs	16.7633
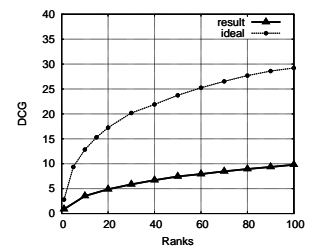
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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)
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)

(2) Evaluation Result with Considering Links

Summary Statistics	
Run ID	GRACE-LA1-3
Subtask	I-A1
Relevant Level	Level1 (H or A)
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:	3558
Rel-ret:	2211

Summary Statistics	
Run ID	GRACE-LA1-3
Subtask	I-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:	4928
Rel-ret:	3090

Recall Level Precision Averages	
Recall	Precision
0.00	0.5144
0.10	0.2978
0.20	0.2416
0.30	0.2154
0.40	0.1754
0.50	0.1503
0.60	0.1211
0.70	0.0847
0.80	0.0442
0.90	0.0140
1.00	0.0009

Average precision over all relevant documents	
non-interpolated	0.1479

Document Level Averages	
	Precision
At 5 docs	0.2723
At 10 docs	0.2681
At 15 docs	0.2482
At 20 docs	0.2457
At 30 docs	0.2312
At 100 docs	0.1766
At 200 docs	0.1297
At 500 docs	0.0770
At 1000 docs	0.0470

R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1906

Recall Level Precision Averages	
Recall	Precision
0.00	0.6053
0.10	0.3757
0.20	0.3097
0.30	0.2743
0.40	0.2332
0.50	0.1940
0.60	0.1523
0.70	0.1007
0.80	0.0581
0.90	0.0061
1.00	0.0011

Average precision over all relevant documents	
non-interpolated	0.1895

Document Level Averages	
	Precision
At 5 docs	0.4043
At 10 docs	0.3638
At 15 docs	0.3546
At 20 docs	0.3426
At 30 docs	0.3227
At 100 docs	0.2491
At 200 docs	0.1853
At 500 docs	0.1080
At 1000 docs	0.0657

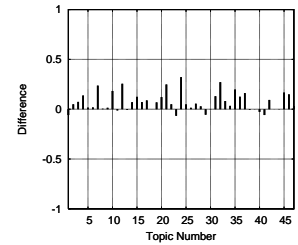| R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2318
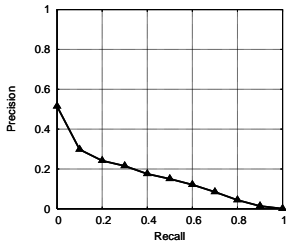
Recall-Precision Curve
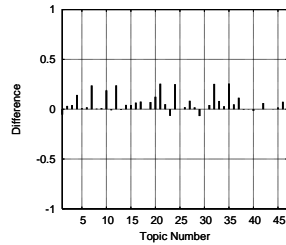
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*
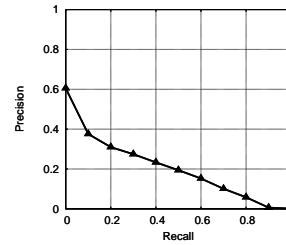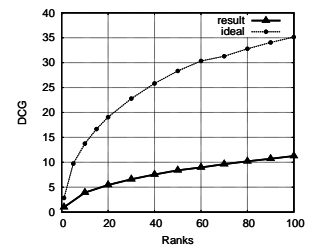

Recall-Precision Curve

Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.9149
At 10 docs	3.3602
At 20 docs	4.6340
At 30 docs	5.6099
At 40 docs	6.4261
At 50 docs	7.1986
At 60 docs	7.6325
At 70 docs	8.1763
At 80 docs	8.6480
At 90 docs	9.0565
At 100 docs	9.5193
At 200 docs	11.9290
At 500 docs	15.0731
At 1000 docs	16.9506
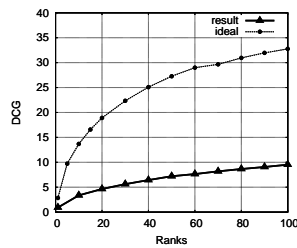
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.9787
At 10 docs	3.9147
At 20 docs	5.4434
At 30 docs	6.5919
At 40 docs	7.5412
At 50 docs	8.3912
At 60 docs	8.9610
At 70 docs	9.6249
At 80 docs	10.1955
At 90 docs	10.7069
At 100 docs	11.2635
At 200 docs	14.2150
At 500 docs	17.8913
At 1000 docs	20.1064

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)
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)