NAICR-I-A1-3

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	NAICR-I-A1-3
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:	1457

Summary Statistics	
Run ID	NAICR-I-A1-3
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:	2115

Recall Level Precision Averages	
Recall	Precision
0.00	0.3963
0.10	0.2177
0.20	0.1682
0.30	0.1373
0.40	0.0960
0.50	0.0733
0.60	0.0502
0.70	0.0297
0.80	0.0160
0.90	0.0076
1.00	0.0056
Average precision over all relevant documents	
non-interpolated	0.0907

Document Level Averages	
	Precision
At 5 docs	0.1362
At 10 docs	0.1489
At 15 docs	0.1546
At 20 docs	0.1553
At 30 docs	0.1532
At 100 docs	0.1102
At 200 docs	0.0829
At 500 docs	0.0494
At 1000 docs	0.0310
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1363

Recall Level Precision Averages	
Recall	Precision
0.00	0.4966
0.10	0.2829
0.20	0.2096
0.30	0.1610
0.40	0.1243
0.50	0.0975
0.60	0.0671
0.70	0.0330
0.80	0.0145
0.90	0.0046
1.00	0.0002
Average precision over all relevant documents	
non-interpolated	0.1148

| Document Level Averages	
	Precision
At 5 docs	0.2298
At 10 docs	0.2362
At 15 docs	0.2340
At 20 docs	0.2223
At 30 docs	0.2213
At 100 docs	0.1677
At 200 docs	0.1252
At 500 docs	0.0730
At 1000 docs	0.0450
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1798
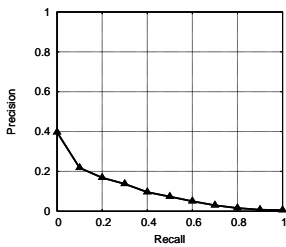
Recall-Precision Curve
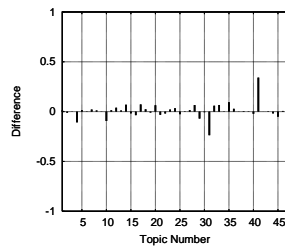
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*
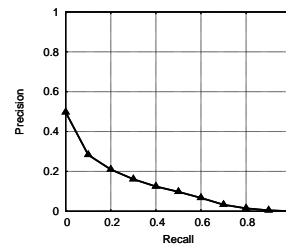

Recall-Precision Curve
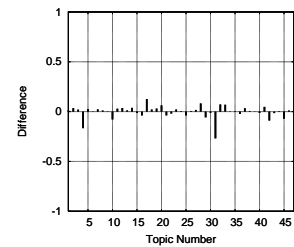
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.5319
At 10 docs	1.8167
At 20 docs	2.7122
At 30 docs	3.4188
At 40 docs	3.7677
At 50 docs	4.1715
At 60 docs	4.4035
At 70 docs	4.9023
At 80 docs	5.1545
At 90 docs	5.5461
At 100 docs	5.7470
At 200 docs	7.3863
At 500 docs	9.4246
At 1000 docs	10.7955
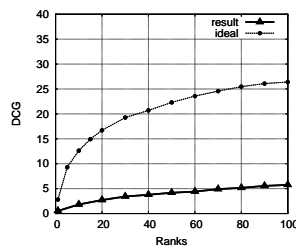
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.5957
At 10 docs	2.2637
At 20 docs	3.2809
At 30 docs	4.1387
At 40 docs	4.6042
At 50 docs	5.1509
At 60 docs	5.4970
At 70 docs	6.0700
At 80 docs	6.3908
At 90 docs	6.8554
At 100 docs	7.1050
At 200 docs	9.1286
At 500 docs	11.5627
At 1000 docs	13.1694
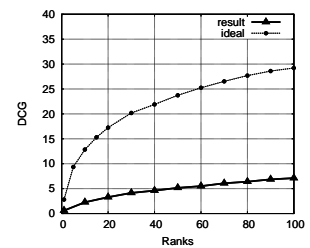
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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	NAICR-I-A1-3
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:	1896

Summary Statistics	
Run ID	NAICR-I-A1-3
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:	2599

Recall Level Precision Averages	
Recall	Precision
0.00	0.4589
0.10	0.2414
0.20	0.1816
0.30	0.1431
0.40	0.0978
0.50	0.0692
0.60	0.0456
0.70	0.0212
0.80	0.0090
0.90	0.0057
1.00	0.0030
Average precision over all relevant documents	
non-interpolated	0.0935

Document Level Averages	
	Precision
At 5 docs	0.1660
At 10 docs	0.1809
At 15 docs	0.1787
At 20 docs	0.1766
At 30 docs	0.1766
At 100 docs	0.1368
At 200 docs	0.1056
At 500 docs	0.0637
At 1000 docs	0.0403
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1529

Recall Level Precision Averages	
Recall	Precision
0.00	0.5362
0.10	0.2705
0.20	0.2123
0.30	0.1648
0.40	0.1313
0.50	0.0874
0.60	0.0522
0.70	0.0214
0.80	0.0054
0.90	0.0026
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1116

| Document Level Averages	
	Precision
At 5 docs	0.2468
At 10 docs	0.2617
At 15 docs	0.2511
At 20 docs	0.2404
At 30 docs	0.2418
At 100 docs	0.1949
At 200 docs	0.1496
At 500 docs	0.0886
At 1000 docs	0.0553
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1877
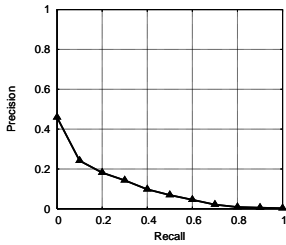
Recall-Precision Curve
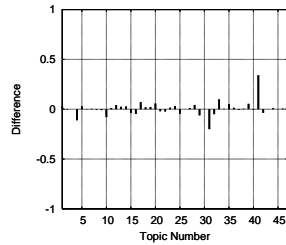
Difference from Median in
Average Precision per Topic
(over 10 'automatic' and
'DISC only' runs)*
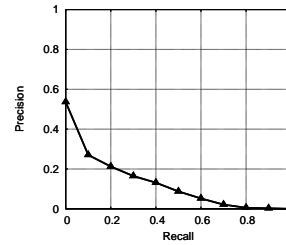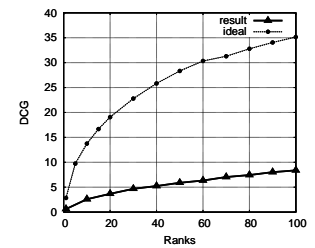

Recall-Precision Curve
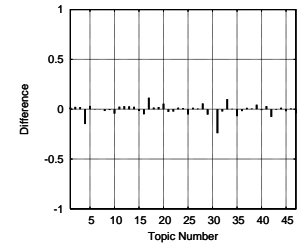
Difference from Median in
Average Precision per Topic
(over 10 'automatic' and
'DISC only' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.5745
At 10 docs	2.1742
At 20 docs	3.1389
At 30 docs	3.9969
At 40 docs	4.4288
At 50 docs	4.9455
At 60 docs	5.2951
At 70 docs	5.9071
At 80 docs	6.2209
At 90 docs	6.7387
At 100 docs	7.0400
At 200 docs	9.2790
At 500 docs	12.0337
At 1000 docs	13.9398
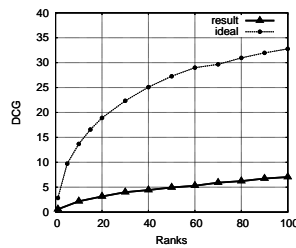
Discounted Cummulative
Gain Curve
($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.6170
At 10 docs	2.5829
At 20 docs	3.6680
At 30 docs	4.6725
At 40 docs	5.2292
At 50 docs	5.8848
At 60 docs	6.3377
At 70 docs	7.0344
At 80 docs	7.4339
At 90 docs	8.0215
At 100 docs	8.3779
At 200 docs	11.0368
At 500 docs	14.2324
At 1000 docs	16.4042

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)