NAICR-II-A1-2

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	NAICR-II-A1-2
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:	351

Summary Statistics	
Run ID	NAICR-II-A1-2
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:	535

Recall Level Precision Averages	
Recall	Precision
0.00	0.3169
0.10	0.3094
0.20	0.2526
0.30	0.1858
0.40	0.1476
0.50	0.1418
0.60	0.0802
0.70	0.0484
0.80	0.0446
0.90	0.0368
1.00	0.0344
Average precision over all relevant documents	
non-interpolated	0.1343

Document Level Averages	
	Precision
At 5 docs	0.1333
At 10 docs	0.0978
At 15 docs	0.0844
At 20 docs	0.0711
At 30 docs	0.0585
At 100 docs	0.0296
At 200 docs	0.0202
At 500 docs	0.0116
At 1000 docs	0.0078
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1133

Recall Level Precision Averages	
Recall	Precision
0.00	0.3836
0.10	0.3453
0.20	0.2759
0.30	0.2547
0.40	0.1775
0.50	0.1472
0.60	0.0950
0.70	0.0437
0.80	0.0372
0.90	0.0214
1.00	0.0180
Average precision over all relevant documents	
non-interpolated	0.1491

| Document Level Averages	
	Precision
At 5 docs	0.1739
At 10 docs	0.1457
At 15 docs	0.1290
At 20 docs	0.1109
At 30 docs	0.0913
At 100 docs	0.0437
At 200 docs	0.0288
At 500 docs	0.0171
At 1000 docs	0.0116
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1631
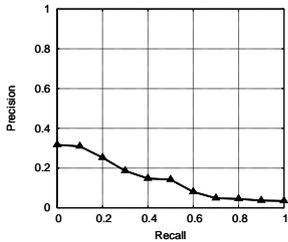
Recall-Precision Curve
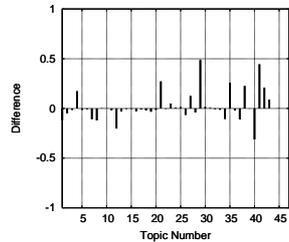
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)*
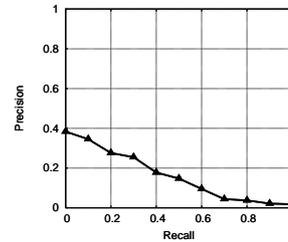

Recall-Precision Curve
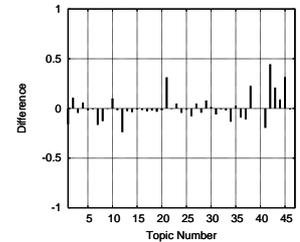
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.4130
At 10 docs	1.3317
At 20 docs	1.5685
At 30 docs	1.7206
At 40 docs	1.8603
At 50 docs	1.9233
At 60 docs	1.9681
At 70 docs	2.0114
At 80 docs	2.0602
At 90 docs	2.0939
At 100 docs	2.1336
At 200 docs	2.4533
At 500 docs	2.8848
At 1000 docs	3.3212
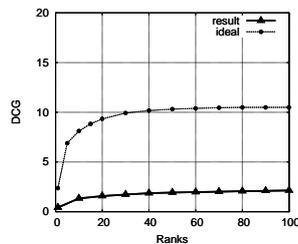
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.4783
At 10 docs	1.6130
At 20 docs	1.9355
At 30 docs	2.1307
At 40 docs	2.2917
At 50 docs	2.3702
At 60 docs	2.4337
At 70 docs	2.4914
At 80 docs	2.5437
At 90 docs	2.5842
At 100 docs	2.6238
At 200 docs	2.9887
At 500 docs	3.5539
At 1000 docs	4.1045
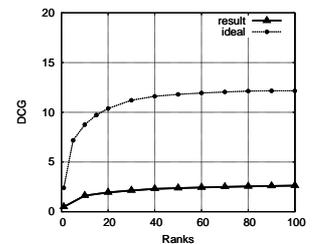
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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	NAICR-II-A1-2
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:	568

Summary Statistics	
Run ID	NAICR-II-A1-2
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:	801

Recall Level Precision Averages	
Recall	Precision
0.00	0.3349
0.10	0.3040
0.20	0.2085
0.30	0.1502
0.40	0.0969
0.50	0.0725
0.60	0.0443
0.70	0.0293
0.80	0.0167
0.90	0.0082
1.00	0.0078
Average precision over all relevant documents	
non-interpolated	0.0992

Document Level Averages	
	Precision
At 5 docs	0.1478
At 10 docs	0.1348
At 15 docs	0.1159
At 20 docs	0.1022
At 30 docs	0.0833
At 100 docs	0.0443
At 200 docs	0.0317
At 500 docs	0.0181
At 1000 docs	0.0123
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1315

Recall Level Precision Averages	
Recall	Precision
0.00	0.3992
0.10	0.2980
0.20	0.2085
0.30	0.1571
0.40	0.1050
0.50	0.0720
0.60	0.0429
0.70	0.0246
0.80	0.0155
0.90	0.0073
1.00	0.0073
Average precision over all relevant documents	
non-interpolated	0.1061

| Document Level Averages	
	Precision
At 5 docs	0.1872
At 10 docs	0.1809
At 15 docs	0.1603
At 20 docs	0.1426
At 30 docs	0.1170
At 100 docs	0.0606
At 200 docs	0.0419
At 500 docs	0.0247
At 1000 docs	0.0170
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1357
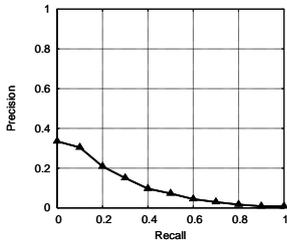
Recall-Precision Curve
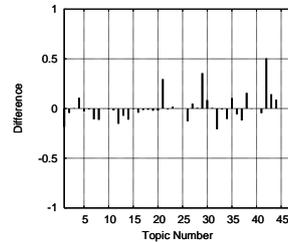
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)*
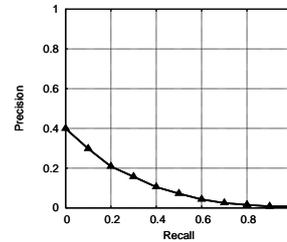

Recall-Precision Curve
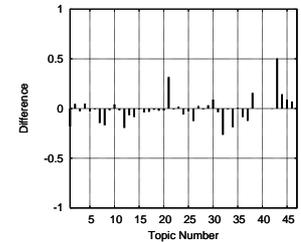
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.4043
At 10 docs	1.6615
At 20 docs	2.0344
At 30 docs	2.2383
At 40 docs	2.4295
At 50 docs	2.5223
At 60 docs	2.6028
At 70 docs	2.7011
At 80 docs	2.7761
At 90 docs	2.8524
At 100 docs	2.9105
At 200 docs	3.4769
At 500 docs	4.1492
At 1000 docs	4.8595
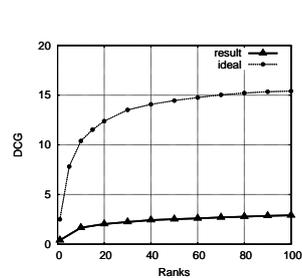
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.4681
At 10 docs	1.9377
At 20 docs	2.4053
At 30 docs	2.6561
At 40 docs	2.8681
At 50 docs	2.9800
At 60 docs	3.0934
At 70 docs	3.2093
At 80 docs	3.2912
At 90 docs	3.3840
At 100 docs	3.4422
At 200 docs	4.0705
At 500 docs	4.9017
At 1000 docs	5.7659
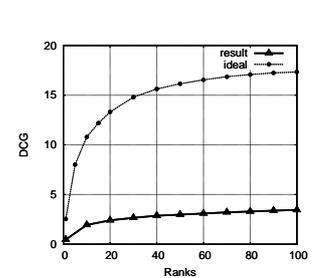
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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)