NAICR-II-A2-4

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	NAICR-II-A2-4
Subtask	II-A2
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:	406
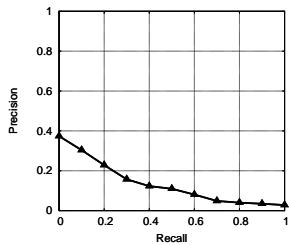
Summary Statistics	
Run ID	NAICR-II-A2-4
Subtask	II-A2
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	46000
Relevant:	812
Rel-ret:	631

Recall Level Precision Averages	
Recall	Precision
0.00	0.3738
0.10	0.3035
0.20	0.2283
0.30	0.1571
0.40	0.1226
0.50	0.1096
0.60	0.0804
0.70	0.0483
0.80	0.0399
0.90	0.0344
1.00	0.0278
Average precision over all relevant documents	
non-interpolated	0.1229
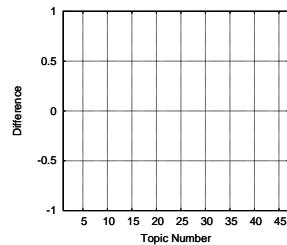
Document Level Averages	
	Precision
At 5 docs	0.1778
At 10 docs	0.1378
At 15 docs	0.1156
At 20 docs	0.1044
At 30 docs	0.0844
At 100 docs	0.0436
At 200 docs	0.0254
At 500 docs	0.0150
At 1000 docs	0.0090
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1303

Recall Level Precision Averages	
Recall	Precision
0.00	0.4527
0.10	0.3765
0.20	0.2440
0.30	0.1897
0.40	0.1547
0.50	0.1257
0.60	0.0961
0.70	0.0577
0.80	0.0402
0.90	0.0251
1.00	0.0181
Average precision over all relevant documents	
non-interpolated	0.1408
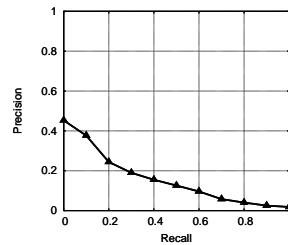
| Document Level Averages	
	Precision
At 5 docs	0.2261
At 10 docs	0.1848
At 15 docs	0.1551
At 20 docs	0.1402
At 30 docs	0.1188
At 100 docs	0.0617
At 200 docs	0.0370
At 500 docs	0.0225
At 1000 docs	0.0137
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1679
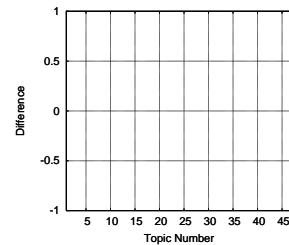
Recall-Precision Curve

Difference from Median in
Average Precision per Topic
(over 1 'automatic' and
'DISC only' runs)*
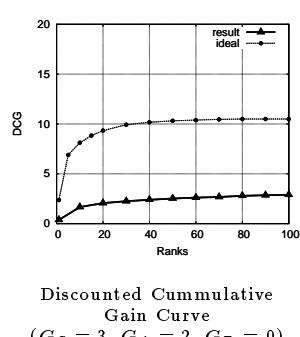
Recall-Precision Curve
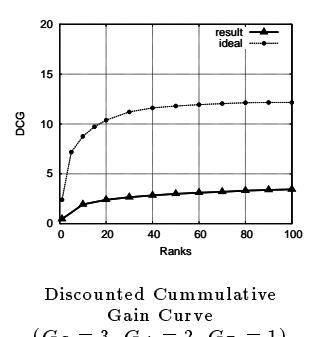
Difference from Median in
Average Precision per Topic
(over 1 'automatic' and
'DISC only' runs)**

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.3696
At 10 docs	1.6579
At 20 docs	2.0541
At 30 docs	2.2475
At 40 docs	2.3904
At 50 docs	2.5162
At 60 docs	2.6099
At 70 docs	2.6714
At 80 docs	2.7866
At 90 docs	2.8474
At 100 docs	2.8871
At 200 docs	3.0935
At 500 docs	3.6866
At 1000 docs	4.0045

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	0.4565
At 10 docs	1.9247
At 20 docs	2.3884
At 30 docs	2.6521
At 40 docs	2.8330
At 50 docs	2.9862
At 60 docs	3.1024
At 70 docs	3.1856
At 80 docs	3.3077
At 90 docs	3.3788
At 100 docs	3.4350
At 200 docs	3.7113
At 500 docs	4.4892
At 1000 docs	4.9082

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-A2-4
Subtask	II-A2
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:	688
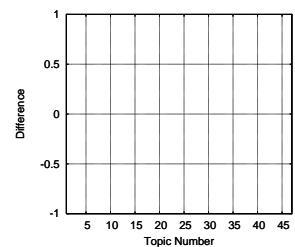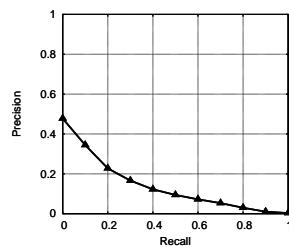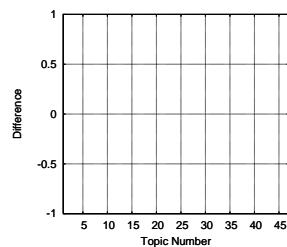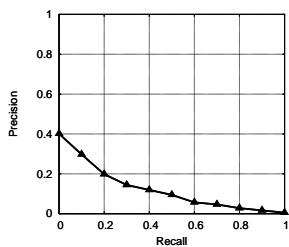
Summary Statistics	
Run ID	NAICR-II-A2-4
Subtask	II-A2
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	1381
Rel-ret:	980

Recall Level Precision Averages	
Recall	Precision
0.00	0.4008
0.10	0.2973
0.20	0.1981
0.30	0.1440
0.40	0.1191
0.50	0.0944
0.60	0.0568
0.70	0.0464
0.80	0.0277
0.90	0.0165
1.00	0.0050
Average precision over all relevant documents	
non-interpolated	0.1082
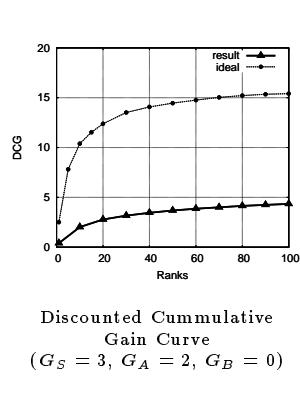
Document Level Averages	
	Precision
At 5 docs	0.2000
At 10 docs	0.1739
At 15 docs	0.1638
At 20 docs	0.1565
At 30 docs	0.1333
At 100 docs	0.0733
At 200 docs	0.0429
At 500 docs	0.0245
At 1000 docs	0.0150
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1394

Recall Level Precision Averages	
Recall	Precision
0.00	0.4775
0.10	0.3444
0.20	0.2273
0.30	0.1662
0.40	0.1222
0.50	0.0940
0.60	0.0719
0.70	0.0530
0.80	0.0297
0.90	0.0099
1.00	0.0030
Average precision over all relevant documents	
non-interpolated	0.1231
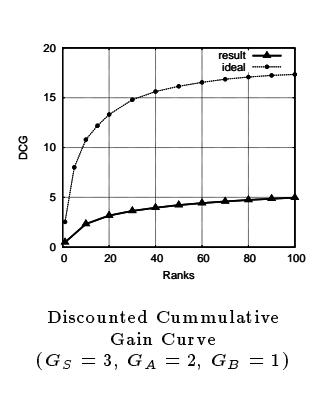
| Document Level Averages	
	Precision
At 5 docs	0.2553
At 10 docs	0.2255
At 15 docs	0.2099
At 20 docs	0.1968
At 30 docs	0.1716
At 100 docs	0.0928
At 200 docs	0.0552
At 500 docs	0.0335
At 1000 docs	0.0209
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1686

Recall-Precision Curve

Difference from Median in
Average Precision per Topic
(over 1 'automatic' and
'DISC only' runs)*

Recall-Precision Curve

Difference from Median in
Average Precision per Topic
(over 1 '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	2.0178
At 20 docs	2.7759
At 30 docs	3.1644
At 40 docs	3.4500
At 50 docs	3.6813
At 60 docs	3.8572
At 70 docs	3.9985
At 80 docs	4.1420
At 90 docs	4.2447
At 100 docs	4.3418
At 200 docs	4.7036
At 500 docs	5.6163
At 1000 docs	6.1920

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	0.4894
At 10 docs	2.3301
At 20 docs	3.1718
At 30 docs	3.6384
At 40 docs	3.9568
At 50 docs	4.2230
At 60 docs	4.4210
At 70 docs	4.5872
At 80 docs	4.7374
At 90 docs	4.8600
At 100 docs	4.9669
At 200 docs	5.4035
At 500 docs	6.5733
At 1000 docs	7.3019

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)