UAIFI1

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	UAIFI1
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:	1422

Summary Statistics	
Run ID	UAIFI1
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:	2132

Recall Level Precision Averages	
Recall	Precision
0.00	0.3315
0.10	0.2105
0.20	0.1635
0.30	0.1223
0.40	0.0951
0.50	0.0693
0.60	0.0507
0.70	0.0282
0.80	0.0144
0.90	0.0068
1.00	0.0055
Average precision over all relevant documents	
non-interpolated	0.0855

Document Level Averages	
	Precision
At 5 docs	0.1872
At 10 docs	0.1851
At 15 docs	0.1546
At 20 docs	0.1553
At 30 docs	0.1447
At 100 docs	0.1085
At 200 docs	0.0819
At 500 docs	0.0490
At 1000 docs	0.0303
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1247

Recall Level Precision Averages	
Recall	Precision
0.00	0.4664
0.10	0.3086
0.20	0.2408
0.30	0.1944
0.40	0.1460
0.50	0.1013
0.60	0.0685
0.70	0.0434
0.80	0.0124
0.90	0.0017
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1257

| Document Level Averages	
	Precision
At 5 docs	0.3021
At 10 docs	0.2894
At 15 docs	0.2539
At 20 docs	0.2436
At 30 docs	0.2255
At 100 docs	0.1672
At 200 docs	0.1252
At 500 docs	0.0738
At 1000 docs	0.0454
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1809
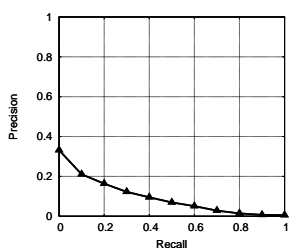
Recall-Precision Curve
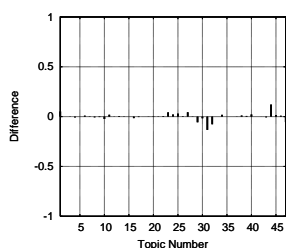
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*
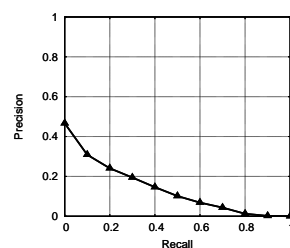

Recall-Precision Curve
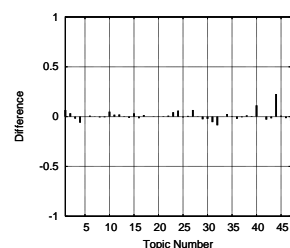
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted (log$_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.2553
At 10 docs	1.9955
At 20 docs	2.6911
At 30 docs	3.2536
At 40 docs	3.7512
At 50 docs	4.1090
At 60 docs	4.4064
At 70 docs	4.7675
At 80 docs	5.0610
At 90 docs	5.3194
At 100 docs	5.6399
At 200 docs	7.2726
At 500 docs	9.2984
At 1000 docs	10.5625
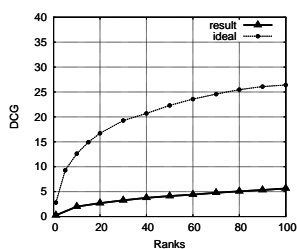
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted (log$_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.3830
At 10 docs	2.5765
At 20 docs	3.4586
At 30 docs	4.1627
At 40 docs	4.7469
At 50 docs	5.2089
At 60 docs	5.5947
At 70 docs	6.0405
At 80 docs	6.4294
At 90 docs	6.7442
At 100 docs	7.1328
At 200 docs	9.1540
At 500 docs	11.6303
At 1000 docs	13.1817
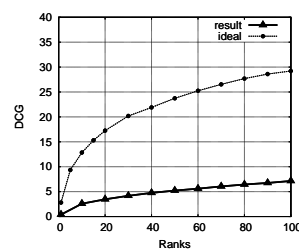
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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	UAIFI1
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:	1888

Summary Statistics	
Run ID	UAIFI1
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:	2636

Recall Level Precision Averages	
Recall	Precision
0.00	0.4282
0.10	0.2575
0.20	0.1905
0.30	0.1540
0.40	0.1143
0.50	0.0785
0.60	0.0503
0.70	0.0260
0.80	0.0121
0.90	0.0044
1.00	0.0010

Average precision over all relevant documents	
non-interpolated	0.0982

Document Level Averages	
	Precision
At 5 docs	0.2426
At 10 docs	0.2319
At 15 docs	0.1986
At 20 docs	0.1957
At 30 docs	0.1816
At 100 docs	0.1415
At 200 docs	0.1066
At 500 docs	0.0645
At 1000 docs	0.0402

R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1547

Recall Level Precision Averages	
Recall	Precision
0.00	0.5534
0.10	0.3182
0.20	0.2473
0.30	0.1981
0.40	0.1479
0.50	0.0955
0.60	0.0621
0.70	0.0320
0.80	0.0079
0.90	0
1.00	0

Average precision over all relevant documents	
non-interpolated	0.1274

Document Level Averages	
	Precision
At 5 docs	0.3532
At 10 docs	0.3319
At 15 docs	0.2965
At 20 docs	0.2840
At 30 docs	0.2631
At 100 docs	0.2004
At 200 docs	0.1507
At 500 docs	0.0909
At 1000 docs	0.0561

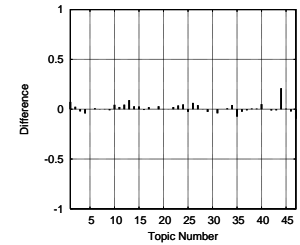| R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1967
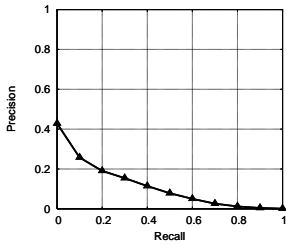
Recall-Precision Curve
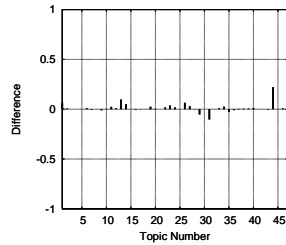
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*
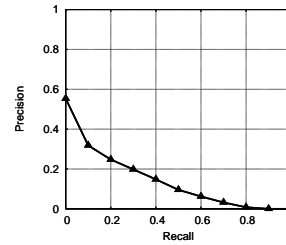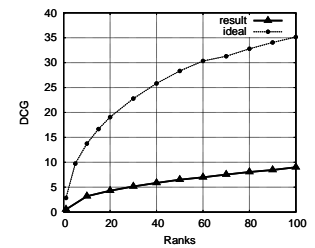

Recall-Precision Curve

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	0.4043
At 10 docs	2.6208
At 20 docs	3.5309
At 30 docs	4.2352
At 40 docs	4.8645
At 50 docs	5.4068
At 60 docs	5.7923
At 70 docs	6.2590
At 80 docs	6.6752
At 90 docs	7.0230
At 100 docs	7.5055
At 200 docs	9.6496
At 500 docs	12.4066
At 1000 docs	14.1661
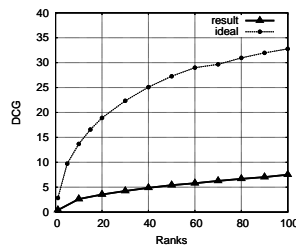
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.5319
At 10 docs	3.1869
At 20 docs	4.2939
At 30 docs	5.1444
At 40 docs	5.8563
At 50 docs	6.5064
At 60 docs	6.9841
At 70 docs	7.5356
At 80 docs	8.0472
At 90 docs	8.4512
At 100 docs	8.9984
At 200 docs	11.5517
At 500 docs	14.8328
At 1000 docs	16.8826

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)