

UAIFI9

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	UAIFI9
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:	390

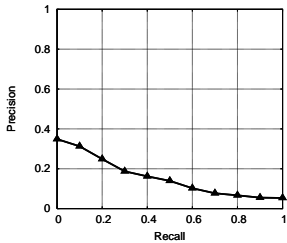
Summary Statistics	
Run ID	UAIFI9
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	46000
Relevant:	812
Rel-ret:	610

Recall Level Precision Averages	
Recall	Precision
0.00	0.3488
0.10	0.3127
0.20	0.2486
0.30	0.1869
0.40	0.1620
0.50	0.1391
0.60	0.1022
0.70	0.0768
0.80	0.0666
0.90	0.0550
1.00	0.0533
Average precision over all relevant documents	
non-interpolated	0.1470

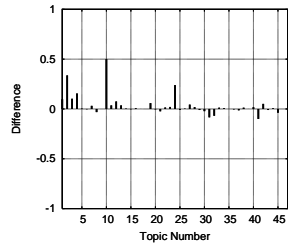
Document Level Averages	
	Precision
At 5 docs	0.1244
At 10 docs	0.1111
At 15 docs	0.0904
At 20 docs	0.0856
At 30 docs	0.0770
At 100 docs	0.0444
At 200 docs	0.0290
At 500 docs	0.0151
At 1000 docs	0.0087
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1429

Recall Level Precision Averages	
Recall	Precision
0.00	0.4031
0.10	0.3486
0.20	0.2726
0.30	0.2310
0.40	0.1997
0.50	0.1634
0.60	0.1300
0.70	0.0765
0.80	0.0558
0.90	0.0302
1.00	0.0229
Average precision over all relevant documents	
non-interpolated	0.1612

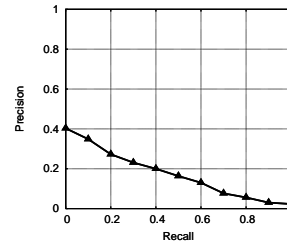
Document Level Averages	
	Precision
At 5 docs	0.1870
At 10 docs	0.1717
At 15 docs	0.1449
At 20 docs	0.1402
At 30 docs	0.1239
At 100 docs	0.0698
At 200 docs	0.0453
At 500 docs	0.0233
At 1000 docs	0.0133
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1640



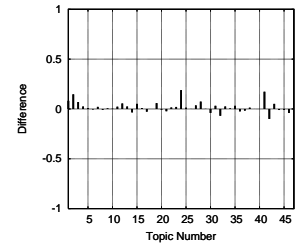
Recall-Precision Curve



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

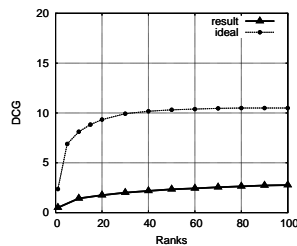


Recall-Precision Curve



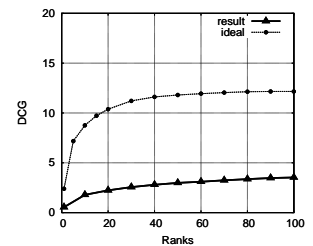
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.5000
At 10 docs	1.4244
At 20 docs	1.7487
At 30 docs	2.0013
At 40 docs	2.1775
At 50 docs	2.3392
At 60 docs	2.4297
At 70 docs	2.5453
At 80 docs	2.6323
At 90 docs	2.7239
At 100 docs	2.7636
At 200 docs	3.1506
At 500 docs	3.5726
At 1000 docs	3.8140



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	0.5435
At 10 docs	1.7812
At 20 docs	2.2341
At 30 docs	2.5581
At 40 docs	2.7945
At 50 docs	2.9843
At 60 docs	3.0970
At 70 docs	3.2415
At 80 docs	3.3598
At 90 docs	3.4683
At 100 docs	3.5246
At 200 docs	4.0189
At 500 docs	4.5457
At 1000 docs	4.8424



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	UAIFI9
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:	682

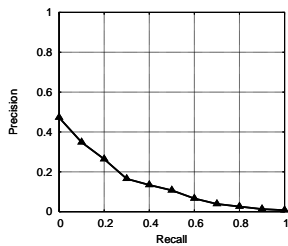
Summary Statistics	
Run ID	UAIFI9
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	1381
Rel-ret:	956

Recall Level Precision Averages	
Recall	Precision
0.00	0.4723
0.10	0.3483
0.20	0.2638
0.30	0.1650
0.40	0.1341
0.50	0.1071
0.60	0.0662
0.70	0.0387
0.80	0.0258
0.90	0.0130
1.00	0.0074
Average precision over all relevant documents	
non-interpolated	0.1286

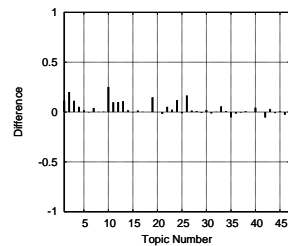
Document Level Averages	
	Precision
At 5 docs	0.1783
At 10 docs	0.1652
At 15 docs	0.1420
At 20 docs	0.1304
At 30 docs	0.1225
At 100 docs	0.0746
At 200 docs	0.0502
At 500 docs	0.0260
At 1000 docs	0.0148
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1536

Recall Level Precision Averages	
Recall	Precision
0.00	0.5333
0.10	0.3619
0.20	0.3061
0.30	0.2054
0.40	0.1536
0.50	0.1087
0.60	0.0794
0.70	0.0533
0.80	0.0272
0.90	0.0125
1.00	0.0023
Average precision over all relevant documents	
non-interpolated	0.1476

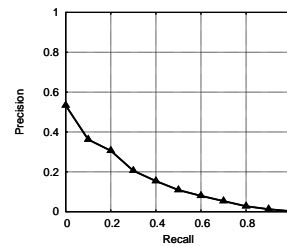
Document Level Averages	
	Precision
At 5 docs	0.2596
At 10 docs	0.2447
At 15 docs	0.2113
At 20 docs	0.1968
At 30 docs	0.1787
At 100 docs	0.1043
At 200 docs	0.0691
At 500 docs	0.0359
At 1000 docs	0.0203
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1846



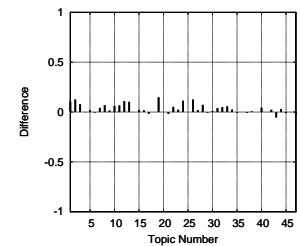
Recall-Precision Curve



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

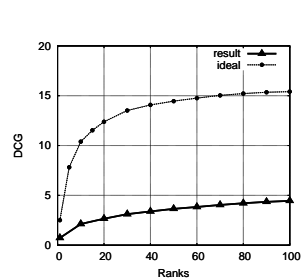


Recall-Precision Curve



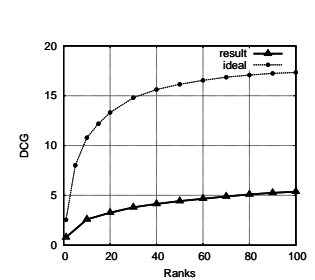
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.7234
At 10 docs	2.1268
At 20 docs	2.6536
At 30 docs	3.1141
At 40 docs	3.3863
At 50 docs	3.6460
At 60 docs	3.8336
At 70 docs	4.0388
At 80 docs	4.2096
At 90 docs	4.3489
At 100 docs	4.4458
At 200 docs	5.1996
At 500 docs	5.9315
At 1000 docs	6.3179



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	0.7872
At 10 docs	2.5885
At 20 docs	3.2565
At 30 docs	3.8001
At 40 docs	4.1395
At 50 docs	4.4265
At 60 docs	4.6580
At 70 docs	4.8880
At 80 docs	5.0894
At 90 docs	5.2521
At 100 docs	5.3684
At 200 docs	6.2453
At 500 docs	7.1210
At 1000 docs	7.5753



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)