

UAIFI10

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	UAIFI10
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:	389

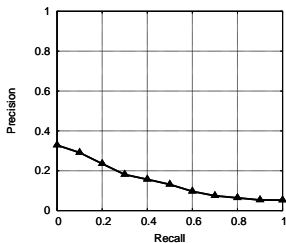
Summary Statistics	
Run ID	UAIFI10
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	46000
Relevant:	812
Rel-ret:	608

Recall Level Precision Averages	
Recall	Precision
0.00	0.3284
0.10	0.2909
0.20	0.2351
0.30	0.1810
0.40	0.1567
0.50	0.1313
0.60	0.0964
0.70	0.0744
0.80	0.0639
0.90	0.0533
1.00	0.0526
Average precision over all relevant documents	
non-interpolated	0.1389

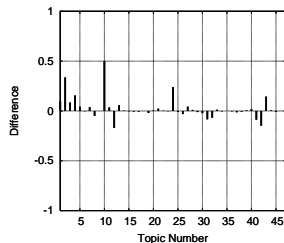
Document Level Averages	
	Precision
At 5 docs	0.1244
At 10 docs	0.0956
At 15 docs	0.0859
At 20 docs	0.0833
At 30 docs	0.0793
At 100 docs	0.0431
At 200 docs	0.0299
At 500 docs	0.0152
At 1000 docs	0.0086
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1303

Recall Level Precision Averages	
Recall	Precision
0.00	0.3990
0.10	0.3257
0.20	0.2641
0.30	0.2365
0.40	0.1947
0.50	0.1645
0.60	0.1286
0.70	0.0678
0.80	0.0474
0.90	0.0275
1.00	0.0212
Average precision over all relevant documents	
non-interpolated	0.1563

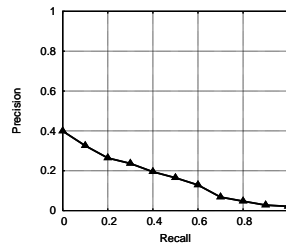
Document Level Averages	
	Precision
At 5 docs	0.2000
At 10 docs	0.1543
At 15 docs	0.1406
At 20 docs	0.1391
At 30 docs	0.1268
At 100 docs	0.0700
At 200 docs	0.0470
At 500 docs	0.0233
At 1000 docs	0.0132
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1608



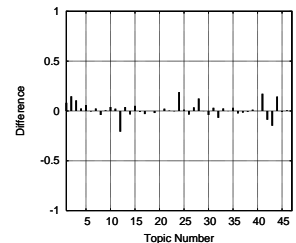
Recall-Precision Curve



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

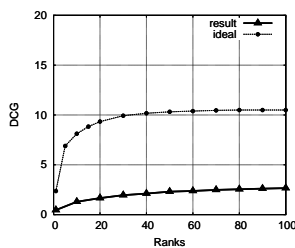


Recall-Precision Curve



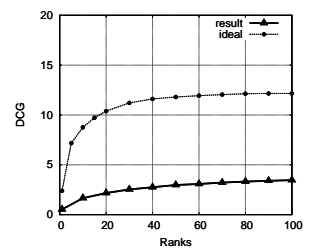
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.4565
At 10 docs	1.2874
At 20 docs	1.6553
At 30 docs	1.9514
At 40 docs	2.1112
At 50 docs	2.3038
At 60 docs	2.3749
At 70 docs	2.4799
At 80 docs	2.5461
At 90 docs	2.6039
At 100 docs	2.6568
At 200 docs	3.1307
At 500 docs	3.5260
At 1000 docs	3.7464



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	0.5217
At 10 docs	1.6542
At 20 docs	2.1624
At 30 docs	2.5296
At 40 docs	2.7453
At 50 docs	2.9696
At 60 docs	3.0741
At 70 docs	3.2152
At 80 docs	3.3162
At 90 docs	3.3944
At 100 docs	3.4605
At 200 docs	4.0412
At 500 docs	4.5210
At 1000 docs	4.7971



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	UAIFI10
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:	671

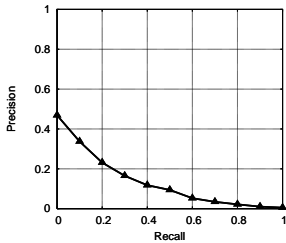
Summary Statistics	
Run ID	UAIFI10
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	1381
Rel-ret:	943

Recall Level Precision Averages	
Recall	Precision
0.00	0.4686
0.10	0.3371
0.20	0.2312
0.30	0.1649
0.40	0.1178
0.50	0.0940
0.60	0.0525
0.70	0.0344
0.80	0.0217
0.90	0.0102
1.00	0.0053
Average precision over all relevant documents	
non-interpolated	0.1187

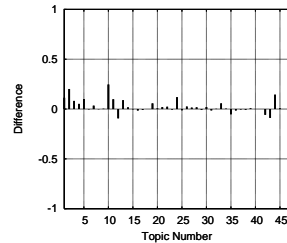
Document Level Averages	
	Precision
At 5 docs	0.1739
At 10 docs	0.1457
At 15 docs	0.1377
At 20 docs	0.1272
At 30 docs	0.1196
At 100 docs	0.0720
At 200 docs	0.0496
At 500 docs	0.0255
At 1000 docs	0.0146
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1457

Recall Level Precision Averages	
Recall	Precision
0.00	0.5356
0.10	0.3441
0.20	0.2829
0.30	0.2045
0.40	0.1357
0.50	0.0965
0.60	0.0660
0.70	0.0439
0.80	0.0234
0.90	0.0067
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1375

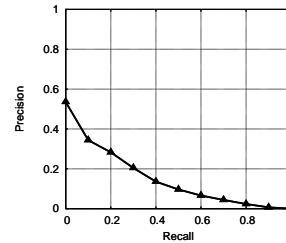
Document Level Averages	
	Precision
At 5 docs	0.2638
At 10 docs	0.2213
At 15 docs	0.2057
At 20 docs	0.1904
At 30 docs	0.1738
At 100 docs	0.1023
At 200 docs	0.0693
At 500 docs	0.0352
At 1000 docs	0.0201
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1767



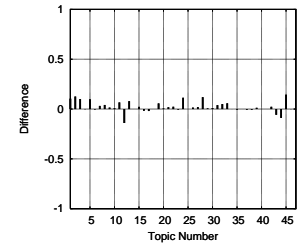
Recall-Precision Curve



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

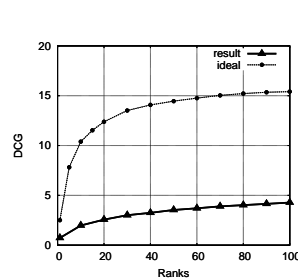


Recall-Precision Curve



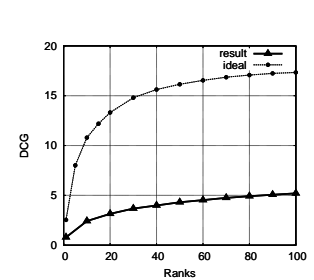
Difference from Median in Average Precision per Topic (over 12 'automatic' and 'DISC only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.7234
At 10 docs	1.9731
At 20 docs	2.5618
At 30 docs	3.0062
At 40 docs	3.2459
At 50 docs	3.5346
At 60 docs	3.6994
At 70 docs	3.8939
At 80 docs	4.0202
At 90 docs	4.1465
At 100 docs	4.2757
At 200 docs	5.0781
At 500 docs	5.7655
At 1000 docs	6.1605



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	2.4181
At 20 docs	3.1449
At 30 docs	3.6722
At 40 docs	3.9829
At 50 docs	4.3064
At 60 docs	4.5225
At 70 docs	4.7488
At 80 docs	4.9127
At 90 docs	5.0622
At 100 docs	5.2012
At 200 docs	6.1376
At 500 docs	6.9413
At 1000 docs	7.4091



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)