

UAIFI12

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	UAIFI12
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	45
Total number of documents over all topics	
Retrieved:	44479
Relevant:	521
Rel-ret:	362

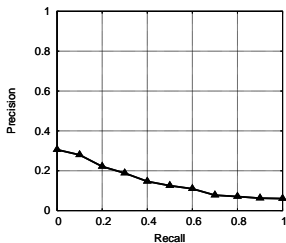
Summary Statistics	
Run ID	UAIFI12
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	45479
Relevant:	812
Rel-ret:	582

Recall Level Precision Averages	
Recall	Precision
0.00	0.3056
0.10	0.2797
0.20	0.2212
0.30	0.1881
0.40	0.1465
0.50	0.1252
0.60	0.1097
0.70	0.0774
0.80	0.0705
0.90	0.0624
1.00	0.0603
Average precision over all relevant documents	
non-interpolated	0.1402

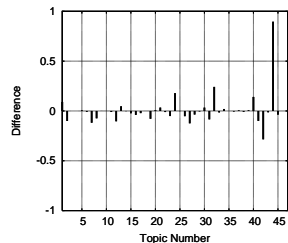
Document Level Averages	
	Precision
At 5 docs	0.1067
At 10 docs	0.0889
At 15 docs	0.0845
At 20 docs	0.0767
At 30 docs	0.0719
At 100 docs	0.0422
At 200 docs	0.0264
At 500 docs	0.0136
At 1000 docs	0.0080
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1338

Recall Level Precision Averages	
Recall	Precision
0.00	0.3842
0.10	0.3202
0.20	0.2661
0.30	0.2399
0.40	0.1843
0.50	0.1382
0.60	0.0930
0.70	0.0551
0.80	0.0367
0.90	0.0182
1.00	0.0105
Average precision over all relevant documents	
non-interpolated	0.1437

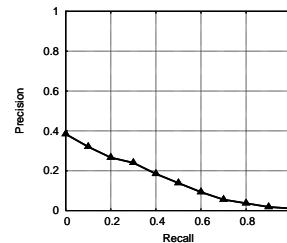
Document Level Averages	
	Precision
At 5 docs	0.1870
At 10 docs	0.1565
At 15 docs	0.1420
At 20 docs	0.1348
At 30 docs	0.1210
At 100 docs	0.0691
At 200 docs	0.0433
At 500 docs	0.0221
At 1000 docs	0.0127
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1600



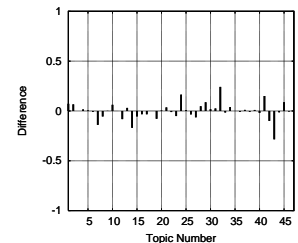
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

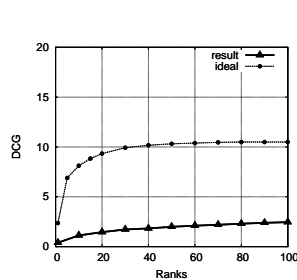


Recall-Precision Curve



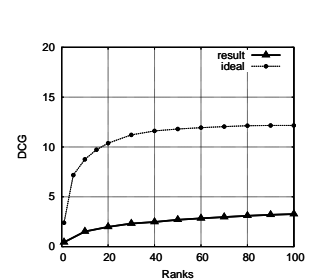
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.3913
At 10 docs	1.1188
At 20 docs	1.4530
At 30 docs	1.7207
At 40 docs	1.8225
At 50 docs	1.9881
At 60 docs	2.1010
At 70 docs	2.1910
At 80 docs	2.2991
At 90 docs	2.3870
At 100 docs	2.4532
At 200 docs	2.7633
At 500 docs	3.1202
At 1000 docs	3.3816



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	0.4348
At 10 docs	1.5153
At 20 docs	1.9775
At 30 docs	2.3143
At 40 docs	2.4717
At 50 docs	2.6927
At 60 docs	2.8357
At 70 docs	2.9654
At 80 docs	3.0910
At 90 docs	3.1889
At 100 docs	3.2684
At 200 docs	3.6755
At 500 docs	4.1416
At 1000 docs	4.4447



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	UAIFI12
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	45479
Relevant:	966
Rel-ret:	650

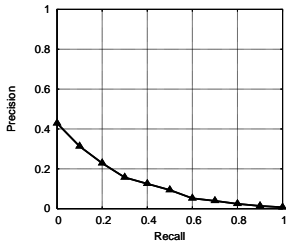
Summary Statistics	
Run ID	UAIFI12
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	46479
Relevant:	1381
Rel-ret:	931

Recall Level Precision Averages	
Recall	Precision
0.00	0.4285
0.10	0.3129
0.20	0.2283
0.30	0.1569
0.40	0.1250
0.50	0.0936
0.60	0.0520
0.70	0.0393
0.80	0.0243
0.90	0.0136
1.00	0.0070
Average precision over all relevant documents	
non-interpolated	0.1150

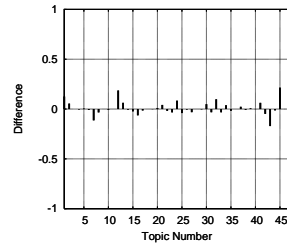
Document Level Averages	
	Precision
At 5 docs	0.1652
At 10 docs	0.1326
At 15 docs	0.1261
At 20 docs	0.1174
At 30 docs	0.1109
At 100 docs	0.0717
At 200 docs	0.0465
At 500 docs	0.0242
At 1000 docs	0.0141
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1331

Recall Level Precision Averages	
Recall	Precision
0.00	0.5024
0.10	0.3285
0.20	0.2567
0.30	0.1890
0.40	0.1374
0.50	0.1010
0.60	0.0710
0.70	0.0497
0.80	0.0247
0.90	0.0085
1.00	0.0016
Average precision over all relevant documents	
non-interpolated	0.1323

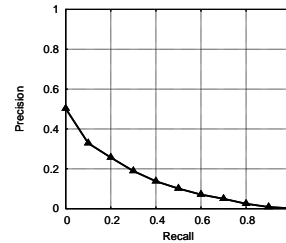
Document Level Averages	
	Precision
At 5 docs	0.2511
At 10 docs	0.2191
At 15 docs	0.1986
At 20 docs	0.1872
At 30 docs	0.1674
At 100 docs	0.1047
At 200 docs	0.0672
At 500 docs	0.0346
At 1000 docs	0.0198
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1643



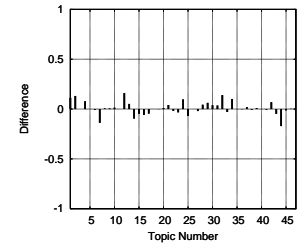
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

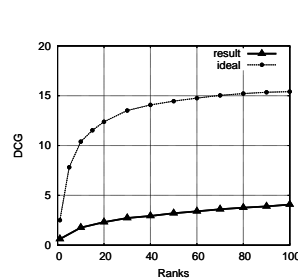


Recall-Precision Curve



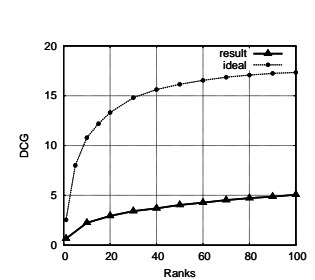
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.6170
At 10 docs	1.7622
At 20 docs	2.3101
At 30 docs	2.7257
At 40 docs	2.9323
At 50 docs	3.2023
At 60 docs	3.3969
At 70 docs	3.6047
At 80 docs	3.7653
At 90 docs	3.8912
At 100 docs	4.0756
At 200 docs	4.7120
At 500 docs	5.3763
At 1000 docs	5.8087



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	0.6596
At 10 docs	2.2439
At 20 docs	2.9326
At 30 docs	3.4160
At 40 docs	3.6934
At 50 docs	4.0333
At 60 docs	4.2685
At 70 docs	4.5223
At 80 docs	4.7205
At 90 docs	4.8694
At 100 docs	5.0603
At 200 docs	5.8216
At 500 docs	6.6168
At 1000 docs	7.1084



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)