UAIFI4

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	UAIFI4
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	2492
Rel-ret:	1415

Summary Statistics	
Run ID	UAIFI4
Subtask	I-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:	47000
Relevant:	3706
Rel-ret:	2171

Recall Level Precision Averages	
Recall	Precision
0.00	0.3302
0.10	0.1642
0.20	0.1364
0.30	0.1119
0.40	0.0936
0.50	0.0758
0.60	0.0566
0.70	0.0408
0.80	0.0306
0.90	0.0152
1.00	0.0115
Average precision over all relevant documents	
non-interpolated	0.0808

Document Level Averages	
	Precision
At 5 docs	0.1872
At 10 docs	0.1468
At 15 docs	0.1418
At 20 docs	0.1394
At 30 docs	0.1220
At 100 docs	0.0947
At 200 docs	0.0746
At 500 docs	0.0477
At 1000 docs	0.0301
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1128

Recall Level Precision Averages	
Recall	Precision
0.00	0.4853
0.10	0.2858
0.20	0.2228
0.30	0.1890
0.40	0.1568
0.50	0.1189
0.60	0.0845
0.70	0.0562
0.80	0.0236
0.90	0.0011
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1280

| Document Level Averages	
	Precision
At 5 docs	0.3191
At 10 docs	0.2702
At 15 docs	0.2539
At 20 docs	0.2457
At 30 docs	0.2191
At 100 docs	0.1594
At 200 docs	0.1222
At 500 docs	0.0754
At 1000 docs	0.0462
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1837

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)*
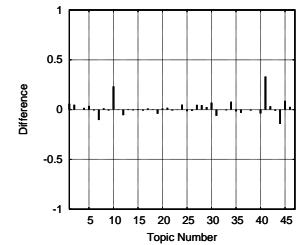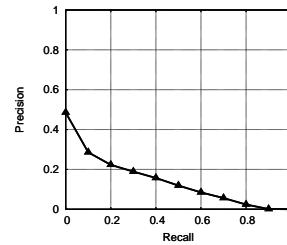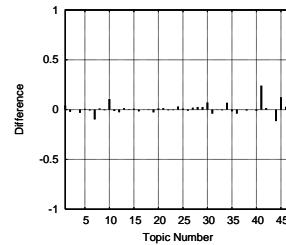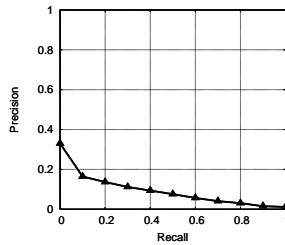
Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.2553
At 10 docs	1.6883
At 20 docs	2.4413
At 30 docs	2.8535
At 40 docs	3.2564
At 50 docs	3.6353
At 60 docs	3.9880
At 70 docs	4.2246
At 80 docs	4.5388
At 90 docs	4.7546
At 100 docs	4.9741
At 200 docs	6.5886
At 500 docs	8.8243
At 1000 docs	10.2023

Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)
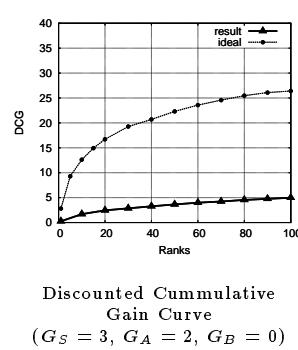
Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.4043
At 10 docs	2.3850
At 20 docs	3.3672
At 30 docs	3.9473
At 40 docs	4.4660
At 50 docs	4.9374
At 60 docs	5.3928
At 70 docs	5.7137
At 80 docs	6.0723
At 90 docs	6.3743
At 100 docs	6.6714
At 200 docs	8.7147
At 500 docs	11.4724
At 1000 docs	13.0869
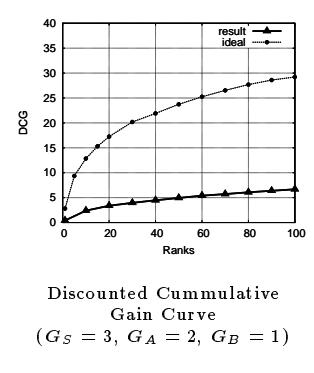
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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	UAIFI4
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47

Total number of documents over all topics	
Retrieved:	47000
Relevant:	3558
Rel-ret:	1911

Summary Statistics	
Run ID	UAIFI4
Subtask	I-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:	47000
Relevant:	4928
Rel-ret:	2710

Recall Level Precision Averages	
Recall	Precision
0.00	0.4342
0.10	0.2087
0.20	0.1588
0.30	0.1304
0.40	0.1042
0.50	0.0850
0.60	0.0575
0.70	0.0430
0.80	0.0273
0.90	0.0143
1.00	0.0071

Average precision over all relevant documents	
non-interpolated	0.0938

Document Level Averages	
	Precision
At 5 docs	0.2426
At 10 docs	0.1979
At 15 docs	0.1929
At 20 docs	0.1872
At 30 docs	0.1631
At 100 docs	0.1253
At 200 docs	0.0988
At 500 docs	0.0642
At 1000 docs	0.0407

R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1432

Recall Level Precision Averages	
Recall	Precision
0.00	0.5723
0.10	0.3073
0.20	0.2444
0.30	0.1961
0.40	0.1517
0.50	0.1086
0.60	0.0666
0.70	0.0422
0.80	0.0108
0.90	0
1.00	0

Average precision over all relevant documents	
non-interpolated	0.1299

Document Level Averages	
	Precision
At 5 docs	0.3702
At 10 docs	0.3213
At 15 docs	0.3064
At 20 docs	0.2936
At 30 docs	0.2610
At 100 docs	0.1904
At 200 docs	0.1480
At 500 docs	0.0928
At 1000 docs	0.0577

| R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.2027

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)*
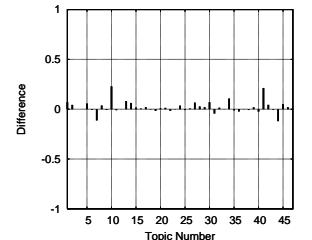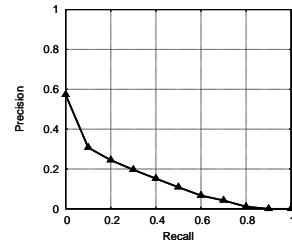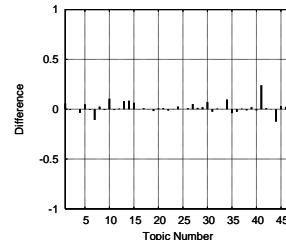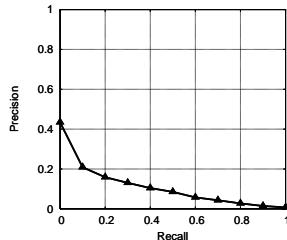
Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.4681
At 10 docs	2.3787
At 20 docs	3.3831
At 30 docs	3.9279
At 40 docs	4.4459
At 50 docs	5.0143
At 60 docs	5.4628
At 70 docs	5.8054
At 80 docs	6.1808
At 90 docs	6.4795
At 100 docs	6.7929
At 200 docs	8.9398
At 500 docs	12.0717
At 1000 docs	13.9697

Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)
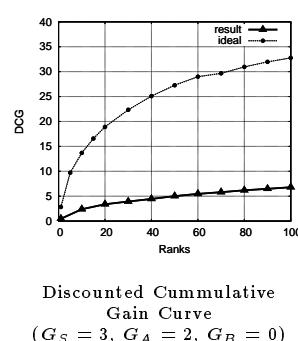
Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.5957
At 10 docs	3.0590
At 20 docs	4.2933
At 30 docs	5.0113
At 40 docs	5.6496
At 50 docs	6.3223
At 60 docs	6.8588
At 70 docs	7.2893
At 80 docs	7.7159
At 90 docs	8.0974
At 100 docs	8.4852
At 200 docs	11.0962
At 500 docs	14.7683
At 1000 docs	16.9515

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)