

(1) Evaluation Result when Considering Links ('Survey'-type Evaluation)

Summary Statistics	
Run ID	TKB-tt-02
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34993
Relevant:	3893
Rel-ret:	2021

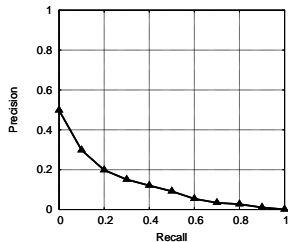
Summary Statistics	
Run ID	TKB-tt-02
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34993
Relevant:	5687
Rel-ret:	2737

Recall Level Precision Averages	
Recall	Precision
0.00	0.4980
0.10	0.2977
0.20	0.1980
0.30	0.1505
0.40	0.1205
0.50	0.0916
0.60	0.0539
0.70	0.0338
0.80	0.0268
0.90	0.0104
1.00	0.0005
Average precision over all relevant documents	
non-interpolated	0.1154

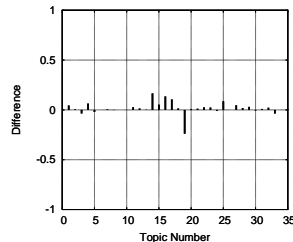
Document Level Averages	
	Precision
At 5 docs	0.2914
At 10 docs	0.2600
At 15 docs	0.2438
At 20 docs	0.2243
At 30 docs	0.2171
At 100 docs	0.1691
At 200 docs	0.1309
At 500 docs	0.0875
At 1000 docs	0.0577
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1522

Recall Level Precision Averages	
Recall	Precision
0.00	0.6140
0.10	0.3362
0.20	0.2542
0.30	0.1868
0.40	0.1457
0.50	0.1201
0.60	0.0788
0.70	0.0446
0.80	0.0263
0.90	0.0069
1.00	0.0007
Average precision over all relevant documents	
non-interpolated	0.1397

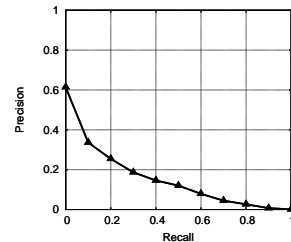
Document Level Averages	
	Precision
At 5 docs	0.3771
At 10 docs	0.3429
At 15 docs	0.3276
At 20 docs	0.3057
At 30 docs	0.2952
At 100 docs	0.2371
At 200 docs	0.1854
At 500 docs	0.1209
At 1000 docs	0.0782
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1966



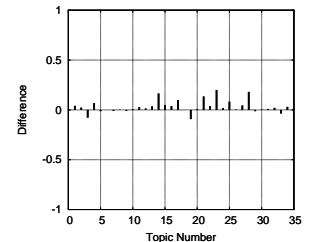
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)*

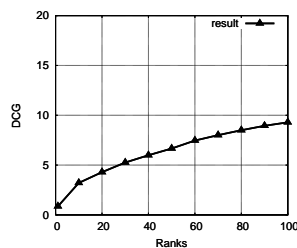


Recall-Precision Curve



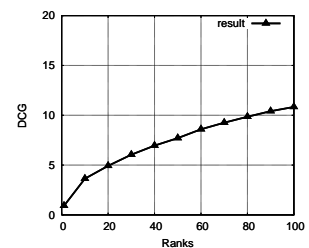
Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.8571
At 10 docs	3.2092
At 20 docs	4.2908
At 30 docs	5.2564
At 40 docs	5.9885
At 50 docs	6.6640
At 60 docs	7.4620
At 70 docs	8.0025
At 80 docs	8.4968
At 90 docs	8.9425
At 100 docs	9.2896
At 200 docs	12.0747
At 500 docs	16.5161
At 1000 docs	19.6625



Discounted Cumulative Gain Curve ($G_S = 3, G_A = 2, G_B = 0$)

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.9143
At 10 docs	3.6352
At 20 docs	4.9228
At 30 docs	6.0436
At 40 docs	6.9541
At 50 docs	7.7072
At 60 docs	8.5942
At 70 docs	9.2530
At 80 docs	9.8481
At 90 docs	10.4096
At 100 docs	10.8349
At 200 docs	14.1928
At 500 docs	19.3351
At 1000 docs	22.8807



Discounted Cumulative 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)
 Topic IDs: (1,3,4,6,19,21,22,23,28,29,34,44,45,55,58,61,62,63,65,68,70,71,73,74,76,80,82,84,86,88,91,95,97,98,99)

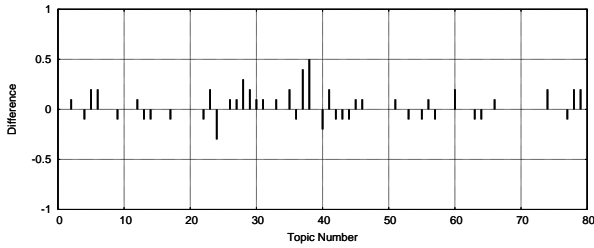
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	TKB-tt-02
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	80

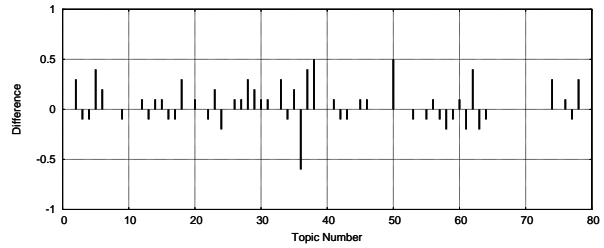
Summary Statistics	
Run ID	TKB-tt-02
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	80

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level1) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.2825	0.3971	36	0.4500
At 10 docs	0.2600	0.4148	25	0.3125
At 15 docs	0.2500	0.4207	19	0.2375
At 20 docs	0.2400	0.4220	17	0.2125

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.3725	0.5019	23	0.2875
At 10 docs	0.3500	0.5161	15	0.1875
At 15 docs	0.3325	0.5211	10	0.1250
At 20 docs	0.3194	0.5217	9	0.1125

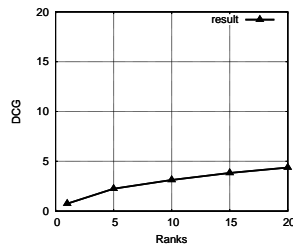


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)*



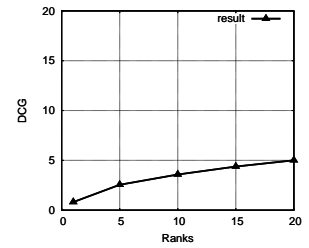
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.7500
At 5 doc	2.2469
At 10 docs	3.1257
At 15 docs	3.8318
At 20 docs	4.3741



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	0.8125
At 5 doc	2.5493
At 10 docs	3.5799
At 15 docs	4.3773
At 20 docs	5.0038



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, 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80)
Topic IDs: (1, 2, 3, 4, 5, 6, 7, 9,11,14,15,19,21,22,23,24,25,26,28,29, 30, 31, 34, 38, 43, 44, 45, 46, 55, 57, 58, 60, 61, 62, 63, 65, 66, 67, 68, 70, 71,72,73,74,76,77,80,81,82,84,86,88,89,91,94,95,97,98,99,108,110,111,112,116,117,119,120,122,123,127,129,132,133,143,145,146,149,150,151,152)