

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

Summary Statistics	
Run ID	TKB-tt-03
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	c-discription-l
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34997
Relevant:	3893
Rel-ret:	1718

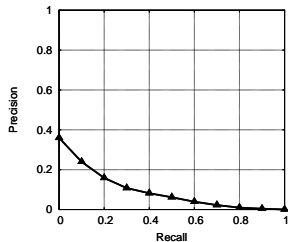
Summary Statistics	
Run ID	TKB-tt-03
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	d-discription-l
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34997
Relevant:	5687
Rel-ret:	2422

Recall Level Precision Averages	
Recall	Precision
0.00	0.3597
0.10	0.2396
0.20	0.1586
0.30	0.1076
0.40	0.0817
0.50	0.0614
0.60	0.0392
0.70	0.0223
0.80	0.0094
0.90	0.0041
1.00	0.0002
Average precision over all relevant documents	
non-interpolated	0.0838

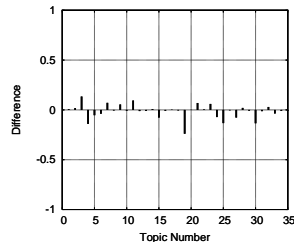
Document Level Averages	
	Precision
At 5 docs	0.2286
At 10 docs	0.1886
At 15 docs	0.1981
At 20 docs	0.1886
At 30 docs	0.1676
At 100 docs	0.1300
At 200 docs	0.0963
At 500 docs	0.0695
At 1000 docs	0.0491
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1194

Recall Level Precision Averages	
Recall	Precision
0.00	0.4398
0.10	0.2920
0.20	0.2140
0.30	0.1528
0.40	0.1192
0.50	0.0940
0.60	0.0665
0.70	0.0382
0.80	0.0116
0.90	0.0006
1.00	0.0003
Average precision over all relevant documents	
non-interpolated	0.1120

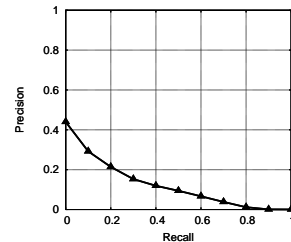
Document Level Averages	
	Precision
At 5 docs	0.2800
At 10 docs	0.2457
At 15 docs	0.2514
At 20 docs	0.2471
At 30 docs	0.2286
At 100 docs	0.1891
At 200 docs	0.1443
At 500 docs	0.1010
At 1000 docs	0.0692
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1556



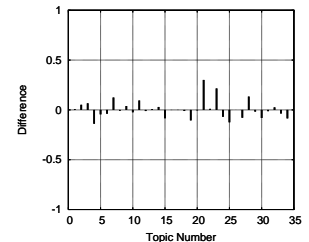
Recall-Precision Curve



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

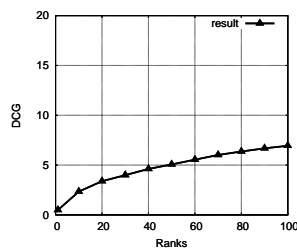


Recall-Precision Curve



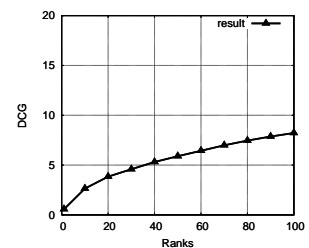
Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.4857
At 10 docs	2.3381
At 20 docs	3.3835
At 30 docs	3.9879
At 40 docs	4.6125
At 50 docs	5.0636
At 60 docs	5.5410
At 70 docs	6.0104
At 80 docs	6.3631
At 90 docs	6.6794
At 100 docs	6.9355
At 200 docs	8.7766
At 500 docs	12.7690
At 1000 docs	16.0628



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	0.5714
At 10 docs	2.6422
At 20 docs	3.8383
At 30 docs	4.5842
At 40 docs	5.3084
At 50 docs	5.8897
At 60 docs	6.4364
At 70 docs	6.9863
At 80 docs	7.4584
At 90 docs	7.8638
At 100 docs	8.2200
At 200 docs	10.5764
At 500 docs	15.3175
At 1000 docs	19.0702



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)

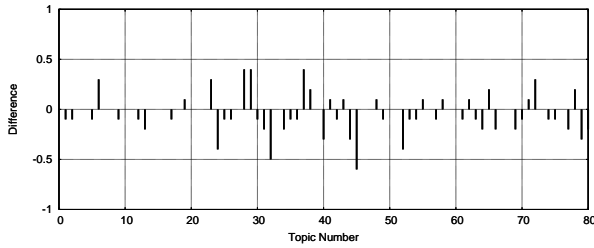
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	TKB-tt-03
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	c-discription-l
Number of Topics	80

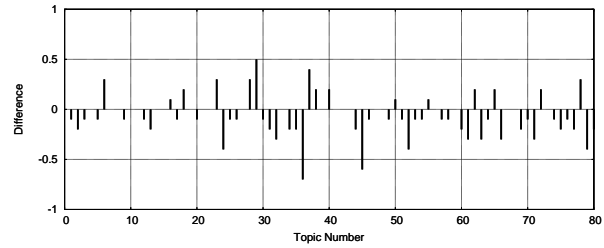
Summary Statistics	
Run ID	TKB-tt-03
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	d-discription-l
Number of Topics	80

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	0.2025	0.2652	46	0.5750
At 10 docs	0.1938	0.2785	38	0.4750
At 15 docs	0.1917	0.2843	32	0.4000
At 20 docs	0.1863	0.2906	23	0.2875

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	0.2600	0.3517	39	0.4875
At 10 docs	0.2513	0.3668	30	0.3750
At 15 docs	0.2458	0.3697	27	0.3375
At 20 docs	0.2456	0.3761	18	0.2250

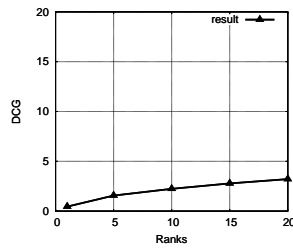


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)*



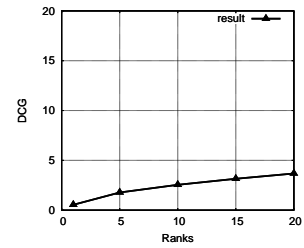
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.4500
At 5 doc	1.5629
At 10 docs	2.2374
At 15 docs	2.7799
At 20 docs	3.2156



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	0.5375
At 5 doc	1.7739
At 10 docs	2.5467
At 15 docs	3.1530
At 20 docs	3.6790



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, 78, 79, 80)