

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

Summary Statistics	
Run ID	TKB-tt-01
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:	34997
Relevant:	3893
Rel-ret:	1998

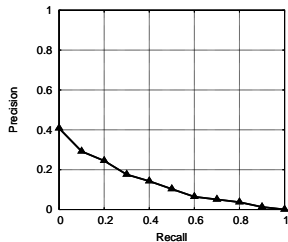
Summary Statistics	
Run ID	TKB-tt-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34997
Relevant:	5687
Rel-ret:	2802

Recall Level Precision Averages	
Recall	Precision
0.00	0.4079
0.10	0.2919
0.20	0.2446
0.30	0.1757
0.40	0.1426
0.50	0.1029
0.60	0.0642
0.70	0.0506
0.80	0.0370
0.90	0.0128
1.00	0.0003
Average precision over all relevant documents	
non-interpolated	0.1255

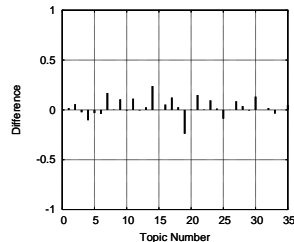
Document Level Averages	
	Precision
At 5 docs	0.2971
At 10 docs	0.2657
At 15 docs	0.2552
At 20 docs	0.2400
At 30 docs	0.2133
At 100 docs	0.1651
At 200 docs	0.1306
At 500 docs	0.0869
At 1000 docs	0.0571
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1671

Recall Level Precision Averages	
Recall	Precision
0.00	0.5064
0.10	0.3674
0.20	0.2917
0.30	0.2313
0.40	0.1918
0.50	0.1527
0.60	0.1073
0.70	0.0759
0.80	0.0434
0.90	0.0075
1.00	0.0004
Average precision over all relevant documents	
non-interpolated	0.1635

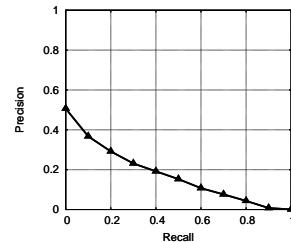
Document Level Averages	
	Precision
At 5 docs	0.3886
At 10 docs	0.3429
At 15 docs	0.3314
At 20 docs	0.3200
At 30 docs	0.2905
At 100 docs	0.2409
At 200 docs	0.1890
At 500 docs	0.1244
At 1000 docs	0.0801
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.2083



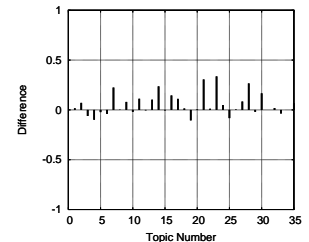
Recall-Precision Curve



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

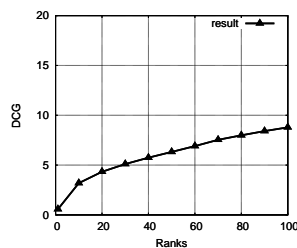


Recall-Precision Curve



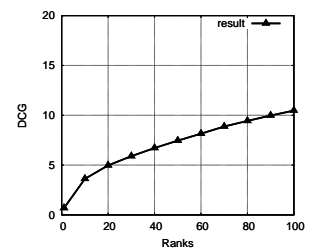
Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.5714
At 10 docs	3.1905
At 20 docs	4.3293
At 30 docs	5.1014
At 40 docs	5.7425
At 50 docs	6.3201
At 60 docs	6.9037
At 70 docs	7.5344
At 80 docs	7.9883
At 90 docs	8.4110
At 100 docs	8.7843
At 200 docs	11.6290
At 500 docs	16.0847
At 1000 docs	19.1973



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	0.6857
At 10 docs	3.6172
At 20 docs	4.9668
At 30 docs	5.8924
At 40 docs	6.7115
At 50 docs	7.4543
At 60 docs	8.1516
At 70 docs	8.8720
At 80 docs	9.4313
At 90 docs	9.9740
At 100 docs	10.4688
At 200 docs	13.8879
At 500 docs	19.2000
At 1000 docs	22.7578



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)

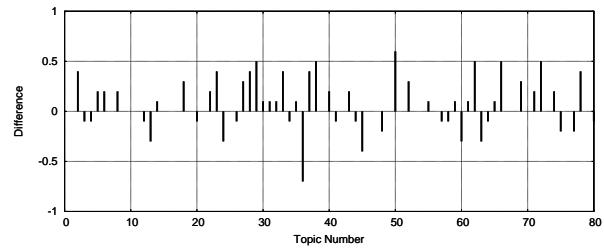
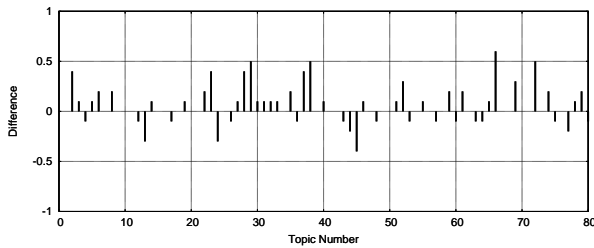
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	TKB-tt-01
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-01
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	0.3050	0.3688	39	0.4875
At 10 docs	0.2888	0.3807	31	0.3875
At 15 docs	0.2750	0.3884	23	0.2875
At 20 docs	0.2663	0.3920	18	0.2250

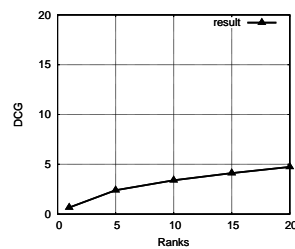
Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.3975	0.4650	31	0.3875
At 10 docs	0.3738	0.4772	23	0.2875
At 15 docs	0.3583	0.4857	14	0.1750
At 20 docs	0.3488	0.4900	8	0.1000



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

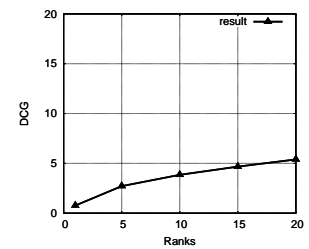
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.6625
At 5 doc	2.3985
At 10 docs	3.3980
At 15 docs	4.1152
At 20 docs	4.7388



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

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.7625
At 5 doc	2.7146
At 10 docs	3.8465
At 15 docs	4.6714
At 20 docs	5.3914



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, 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, 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)