

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

Summary Statistics	
Run ID	r2d2-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:	34999
Relevant:	3893
Rel-ret:	2261

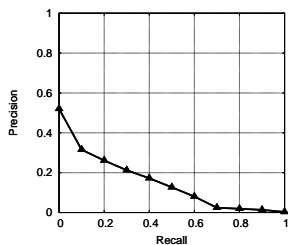
Summary Statistics	
Run ID	r2d2-tt-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34999
Relevant:	5687
Rel-ret:	2996

Recall Level Precision Averages	
Recall	Precision
0.00	0.5201
0.10	0.3153
0.20	0.2612
0.30	0.2122
0.40	0.1722
0.50	0.1266
0.60	0.0801
0.70	0.0241
0.80	0.0189
0.90	0.0132
1.00	0.0028
Average precision over all relevant documents	
non-interpolated	0.1417

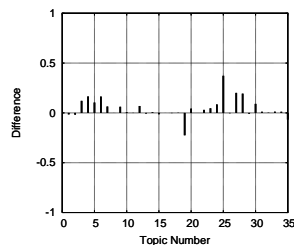
Document Level Averages	
	Precision
At 5 docs	0.3200
At 10 docs	0.3057
At 15 docs	0.2629
At 20 docs	0.2457
At 30 docs	0.2333
At 100 docs	0.1817
At 200 docs	0.1541
At 500 docs	0.0995
At 1000 docs	0.0646
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1698

Recall Level Precision Averages	
Recall	Precision
0.00	0.6019
0.10	0.3660
0.20	0.2923
0.30	0.2432
0.40	0.1846
0.50	0.1429
0.60	0.0850
0.70	0.0349
0.80	0.0245
0.90	0.0098
1.00	0.0034
Average precision over all relevant documents	
non-interpolated	0.1602

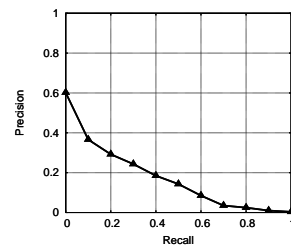
Document Level Averages	
	Precision
At 5 docs	0.4057
At 10 docs	0.3771
At 15 docs	0.3390
At 20 docs	0.3171
At 30 docs	0.3048
At 100 docs	0.2451
At 200 docs	0.2060
At 500 docs	0.1321
At 1000 docs	0.0856
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.2150



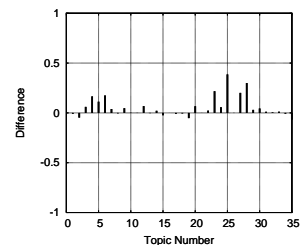
Recall-Precision Curve



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

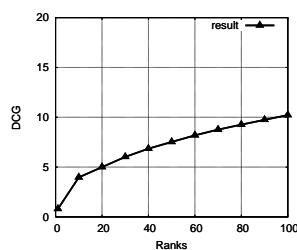


Recall-Precision Curve



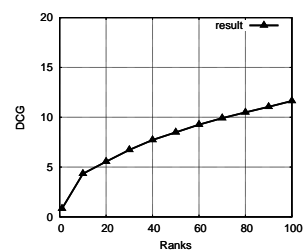
Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cumulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 1$ )	
	DCG
At 1 doc	0.8000
At 10 docs	3.9665
At 20 docs	4.9964
At 30 docs	6.0228
At 40 docs	6.8500
At 50 docs	7.5207
At 60 docs	8.1866
At 70 docs	8.7596
At 80 docs	9.2583
At 90 docs	9.7392
At 100 docs	10.2175
At 200 docs	14.0591
At 500 docs	18.9040
At 1000 docs	22.3168



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	0.8286
At 10 docs	4.3299
At 20 docs	5.5445
At 30 docs	6.7264
At 40 docs	7.7195
At 50 docs	8.4890
At 60 docs	9.2586
At 70 docs	9.9125
At 80 docs	10.4893
At 90 docs	11.0458
At 100 docs	11.6368
At 200 docs	16.0438
At 500 docs	21.5988
At 1000 docs	25.5065



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 )

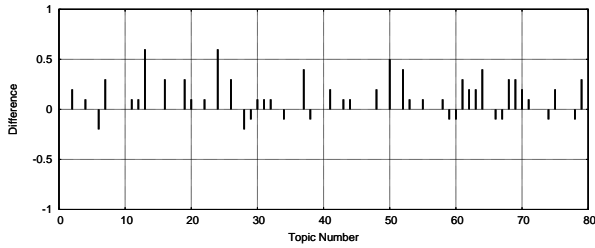
## (2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	r2d2-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

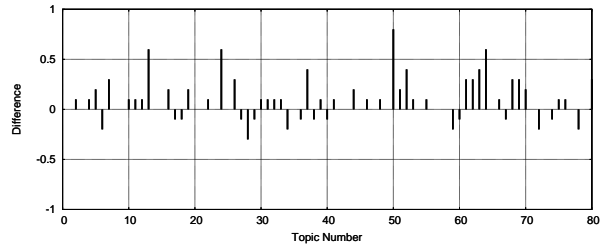
Summary Statistics	
Run ID	r2d2-tt-01
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	80

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	0.3225	0.4735	29	0.3625
At 10 docs	0.3163	0.4928	18	0.2250
At 15 docs	0.2842	0.4974	13	0.1625
At 20 docs	0.2656	0.4988	11	0.1375

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	0.4075	0.5771	19	0.2375
At 10 docs	0.3938	0.5932	10	0.1250
At 15 docs	0.3575	0.5958	7	0.0875
At 20 docs	0.3363	0.5973	5	0.0625

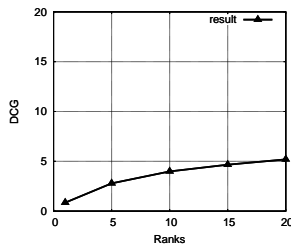


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)\*



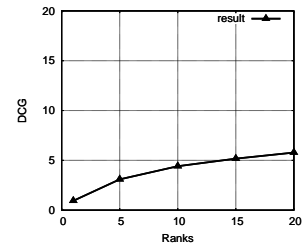
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cummulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 0$ )	
	DCG
At 1 doc	0.8500
At 5 doc	2.7857
At 10 docs	3.9861
At 15 docs	4.6592
At 20 docs	5.1935



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	0.9375
At 5 doc	3.0932
At 10 docs	4.4112
At 15 docs	5.1721
At 20 docs	5.7813



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 )