

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

Summary Statistics	
Run ID	sstut-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:	35000
Relevant:	3893
Rel-ret:	2010

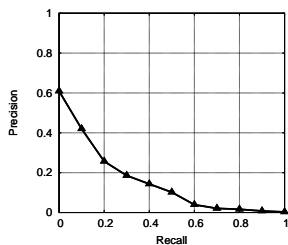
Summary Statistics	
Run ID	sstut-tt-02
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	5687
Rel-ret:	2822

Recall Level Precision Averages	
Recall	Precision
0.00	0.6094
0.10	0.4199
0.20	0.2568
0.30	0.1855
0.40	0.1432
0.50	0.1018
0.60	0.0393
0.70	0.0206
0.80	0.0163
0.90	0.0078
1.00	0.0028
Average precision over all relevant documents	
non-interpolated	0.1439

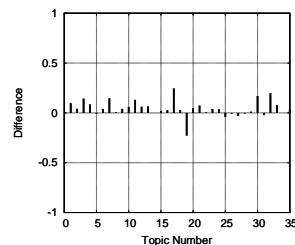
Document Level Averages	
	Precision
At 5 docs	0.3657
At 10 docs	0.3057
At 15 docs	0.2857
At 20 docs	0.2871
At 30 docs	0.2581
At 100 docs	0.1837
At 200 docs	0.1391
At 500 docs	0.0879
At 1000 docs	0.0574
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1813

Recall Level Precision Averages	
Recall	Precision
0.00	0.6828
0.10	0.4703
0.20	0.2985
0.30	0.2308
0.40	0.1715
0.50	0.1243
0.60	0.0488
0.70	0.0225
0.80	0.0185
0.90	0.0103
1.00	0.0010
Average precision over all relevant documents	
non-interpolated	0.1672

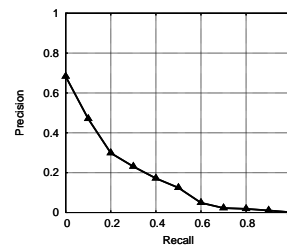
Document Level Averages	
	Precision
At 5 docs	0.4571
At 10 docs	0.3914
At 15 docs	0.3752
At 20 docs	0.3786
At 30 docs	0.3467
At 100 docs	0.2551
At 200 docs	0.1949
At 500 docs	0.1243
At 1000 docs	0.0806
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2199



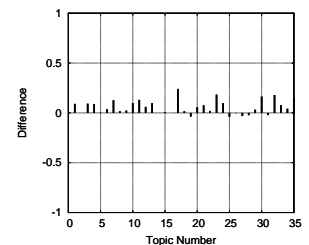
Recall-Precision Curve



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

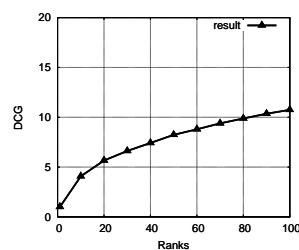


Recall-Precision Curve



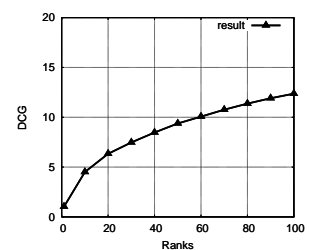
Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cumulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 1$ )	
	DCG
At 1 doc	1
At 10 docs	4.0757
At 20 docs	5.6571
At 30 docs	6.6172
At 40 docs	7.4195
At 50 docs	8.2336
At 60 docs	8.7922
At 70 docs	9.3881
At 80 docs	9.8788
At 90 docs	10.3554
At 100 docs	10.7419
At 200 docs	13.6027
At 500 docs	17.7398
At 1000 docs	20.7585



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	1.0286
At 10 docs	4.5046
At 20 docs	6.3341
At 30 docs	7.4729
At 40 docs	8.4697
At 50 docs	9.3768
At 60 docs	10.0634
At 70 docs	10.7589
At 80 docs	11.3687
At 90 docs	11.9076
At 100 docs	12.3679
At 200 docs	15.7900
At 500 docs	20.7690
At 1000 docs	24.3188



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 )

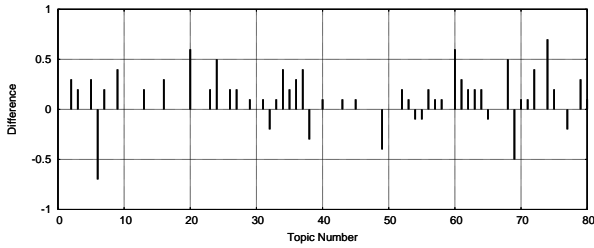
## (2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	sstut-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

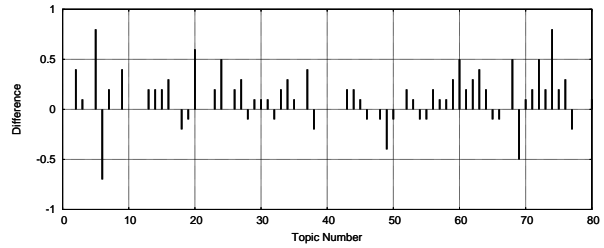
Summary Statistics	
Run ID	sstut-tt-02
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	80

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	0.3600	0.5077	27	0.3375
At 10 docs	0.3250	0.5207	20	0.2500
At 15 docs	0.3083	0.5273	13	0.1625
At 20 docs	0.3019	0.5295	10	0.1250

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	0.4600	0.5848	19	0.2375
At 10 docs	0.4188	0.5916	15	0.1875
At 15 docs	0.3967	0.5972	9	0.1125
At 20 docs	0.3863	0.5994	6	0.0750

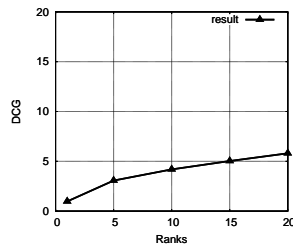


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)\*



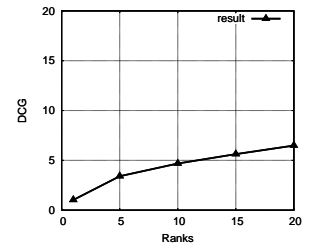
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cummulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 0$ )	
	DCG
At 1 doc	0.9750
At 5 doc	3.0655
At 10 docs	4.1890
At 15 docs	5.0281
At 20 docs	5.8025



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	1.0250
At 5 doc	3.4076
At 10 docs	4.6798
At 15 docs	5.6244
At 20 docs	6.4855



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 )