

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

Summary Statistics	
Run ID	sstut-ds-03
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	3893
Rel-ret:	1442

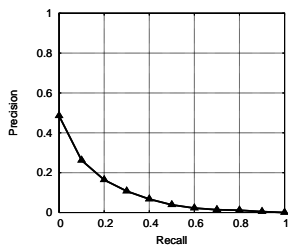
Summary Statistics	
Run ID	sstut-ds-03
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	5687
Rel-ret:	2078

Recall Level Precision Averages	
Recall	Precision
0.00	0.4851
0.10	0.2619
0.20	0.1639
0.30	0.1073
0.40	0.0674
0.50	0.0386
0.60	0.0222
0.70	0.0139
0.80	0.0114
0.90	0.0046
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0865

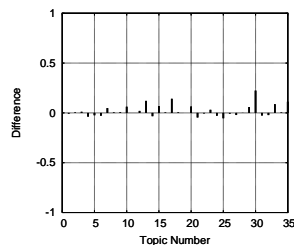
Document Level Averages	
	Precision
At 5 docs	0.3086
At 10 docs	0.2486
At 15 docs	0.2229
At 20 docs	0.2057
At 30 docs	0.1943
At 100 docs	0.1274
At 200 docs	0.1003
At 500 docs	0.0633
At 1000 docs	0.0412
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1289

Recall Level Precision Averages	
Recall	Precision
0.00	0.5404
0.10	0.2883
0.20	0.1979
0.30	0.1330
0.40	0.0850
0.50	0.0506
0.60	0.0236
0.70	0.0149
0.80	0.0118
0.90	0.0018
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1007

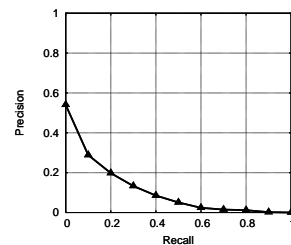
Document Level Averages	
	Precision
At 5 docs	0.3771
At 10 docs	0.3343
At 15 docs	0.2971
At 20 docs	0.2743
At 30 docs	0.2619
At 100 docs	0.1837
At 200 docs	0.1456
At 500 docs	0.0911
At 1000 docs	0.0594
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1482



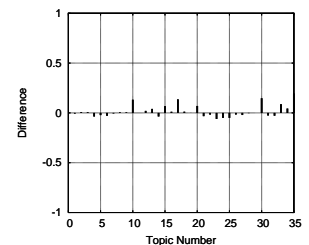
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

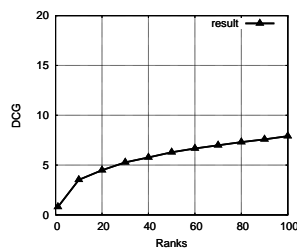


Recall-Precision Curve



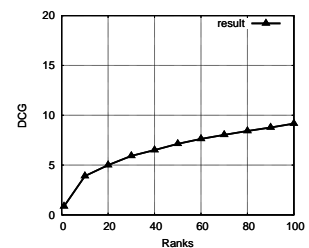
Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.8000
At 10 docs	3.5190
At 20 docs	4.4856
At 30 docs	5.2715
At 40 docs	5.7660
At 50 docs	6.2854
At 60 docs	6.6654
At 70 docs	6.9846
At 80 docs	7.3049
At 90 docs	7.5808
At 100 docs	7.9024
At 200 docs	10.1728
At 500 docs	13.2784
At 1000 docs	15.4373



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	0.8571
At 10 docs	3.8980
At 20 docs	4.9961
At 30 docs	5.9218
At 40 docs	6.5054
At 50 docs	7.1339
At 60 docs	7.6271
At 70 docs	8.0314
At 80 docs	8.4207
At 90 docs	8.7725
At 100 docs	9.1636
At 200 docs	11.9124
At 500 docs	15.6104
At 1000 docs	18.2146



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)

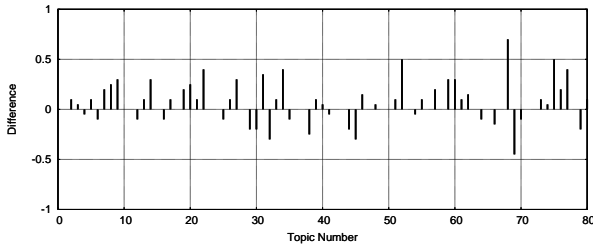
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	sstut-ds-03
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	80

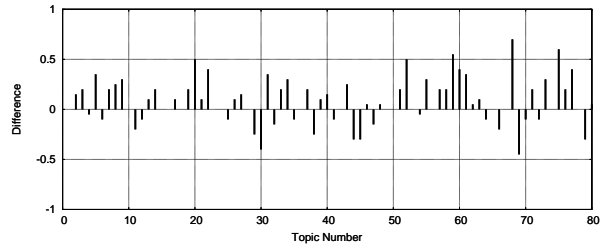
Summary Statistics	
Run ID	sstut-ds-03
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	80

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	0.3150	0.4529	30	0.3750
At 10 docs	0.2688	0.4681	21	0.2625
At 15 docs	0.2367	0.4700	19	0.2375
At 20 docs	0.2194	0.4720	16	0.2000

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	0.4000	0.5338	23	0.2875
At 10 docs	0.3575	0.5462	16	0.2000
At 15 docs	0.3150	0.5482	14	0.1750
At 20 docs	0.2913	0.5495	12	0.1500

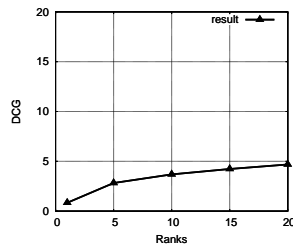


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*



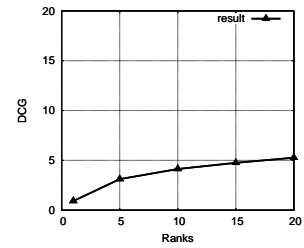
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.8375
At 5 doc	2.8233
At 10 docs	3.6874
At 15 docs	4.2284
At 20 docs	4.6808



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	0.9125
At 5 doc	3.1116
At 10 docs	4.1313
At 15 docs	4.7503
At 20 docs	5.2661



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)