

GRACE-LB-3

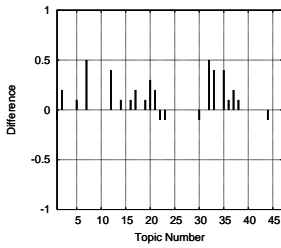
(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	GRACE-LB-3
Subtask	I-B
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

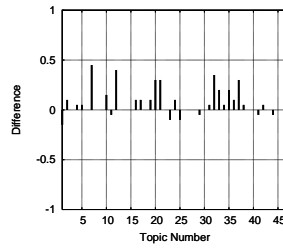
Summary Statistics	
Run ID	GRACE-LB-3
Subtask	I-B
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

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	0.2553	0.3908	24	0.5106
At 10 docs	0.2340	0.4186	17	0.3617
At 15 docs	0.2099	0.4130	15	0.3191
At 20 docs	0.2138	0.4082	12	0.2553

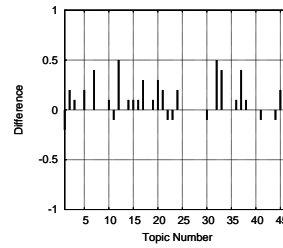
Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.3872	0.4677	18	0.3830
At 10 docs	0.3298	0.4812	15	0.3191
At 15 docs	0.3177	0.4849	12	0.2553
At 20 docs	0.3106	0.4966	11	0.2340



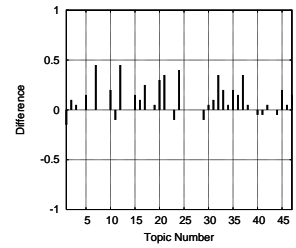
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*



Difference from Median in Precision at Top-ranked 20 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*

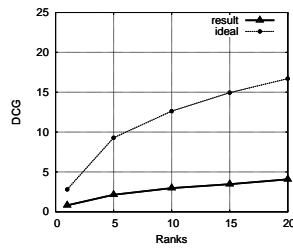


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*



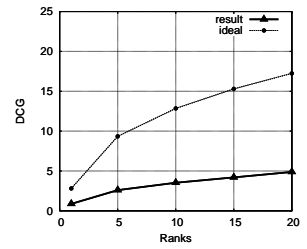
Difference from Median in Precision at Top-ranked 20 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.8085
At 5 doc	2.1367
At 10 docs	2.9707
At 15 docs	3.4608
At 20 docs	4.0696



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	0.8723
At 5 doc	2.5940
At 10 docs	3.5222
At 15 docs	4.1913
At 20 docs	4.8760



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)
Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,57,58,59,60,61,62,63)

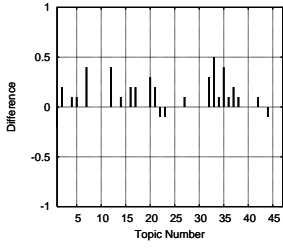
(2) Evaluation Result with Considering Links

Summary Statistics	
Run ID	GRACE-LB-3
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Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

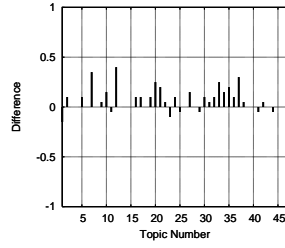
Summary Statistics	
Run ID	GRACE-LB-3
Subtask	I-B
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

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	0.2723	0.4270	22	0.4681
At 10 docs	0.2681	0.4572	14	0.2979
At 15 docs	0.2482	0.4542	10	0.2128
At 20 docs	0.2457	0.4477	9	0.1915

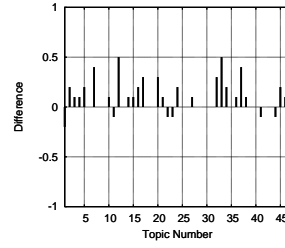
Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.4043	0.4996	17	0.3617
At 10 docs	0.3638	0.5167	13	0.2766
At 15 docs	0.3546	0.5209	10	0.2128
At 20 docs	0.3426	0.5326	9	0.1915



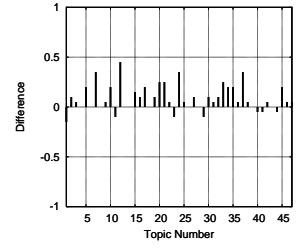
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*



Difference from Median in Precision at Top-ranked 20 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*

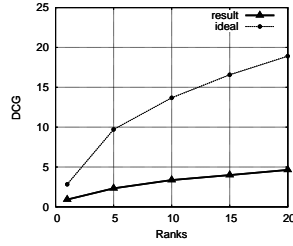


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*



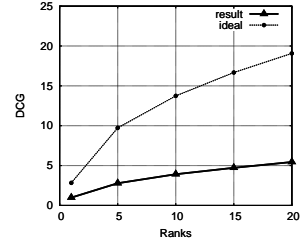
Difference from Median in Precision at Top-ranked 20 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.9149
At 5 doc	2.3221
At 10 docs	3.3602
At 15 docs	3.9890
At 20 docs	4.6340



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	0.9787
At 5 doc	2.7837
At 10 docs	3.9147
At 15 docs	4.7171
At 20 docs	5.4434



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)
Topic IDs: (8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 56, 57, 58, 59, 60, 61, 62, 63)