

NAICR-II-B-3

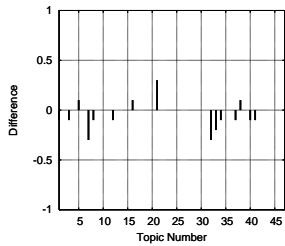
(1) Evaluation Result without Considering Links

| Summary Statistics | |
|---------------------|-----------------|
| Run ID | NAICR-II-B-3 |
| Subtask | II-B |
| Relevant Level | Level1 (H or A) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents only |
| Number of Topics | 45 |

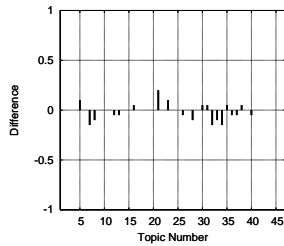
| Summary Statistics | |
|---------------------|--------------------|
| Run ID | NAICR-II-B-3 |
| Subtask | II-B |
| Relevant Level | Level2 (H, A or B) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents only |
| Number of Topics | 46 |

| 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 | 0.0933 | 0.1518 | 34 | 0.7391 |
| At 10 docs | 0.0822 | 0.1854 | 29 | 0.6304 |
| At 15 docs | 0.0844 | 0.1924 | 25 | 0.5435 |
| At 20 docs | 0.0678 | 0.1636 | 25 | 0.5435 |

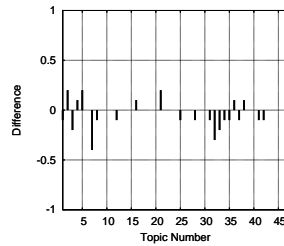
| Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved | | | | |
|---|-----------|--------|----|--------|
| | Precision | MRR | # | % |
| At 5 docs | 0.1522 | 0.1964 | 33 | 0.7174 |
| At 10 docs | 0.1370 | 0.2425 | 26 | 0.5652 |
| At 15 docs | 0.1362 | 0.2504 | 21 | 0.4565 |
| At 20 docs | 0.1174 | 0.2213 | 22 | 0.4783 |



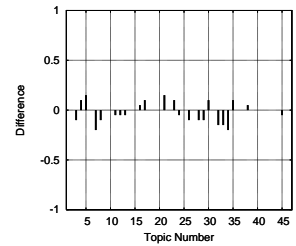
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*



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

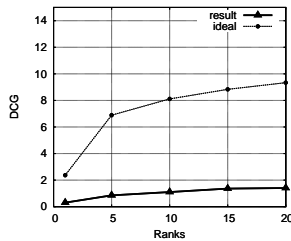


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)**



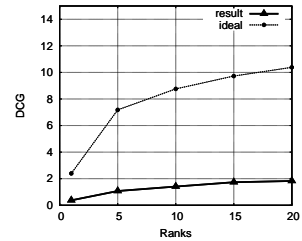
Difference from Median in Precision at Top-ranked 20 Documents per Topic (over 9 'automatic' and 'DISC only' runs)**

| Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$) | |
|---|--------|
| | DCG |
| At 1 doc | 0.3043 |
| At 5 docs | 0.8530 |
| At 10 docs | 1.1042 |
| At 15 docs | 1.3626 |
| At 20 docs | 1.4046 |



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 | 0.3696 |
| At 5 docs | 1.0708 |
| At 10 docs | 1.4083 |
| At 15 docs | 1.7323 |
| At 20 docs | 1.8266 |



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)
 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, 58, 59, 60, 61, 62, 63)

** 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)
 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, 57, 58, 59, 60, 61, 62, 63)

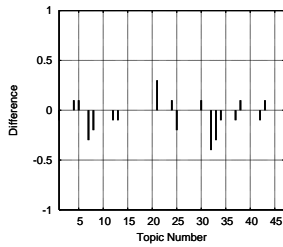
(2) Evaluation Result with Considering Links

| Summary Statistics | |
|---------------------|-----------------|
| Run ID | NAICR-II-B-3 |
| Subtask | II-B |
| Relevant Level | Level1 (H or A) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents only |
| Number of Topics | 46 |

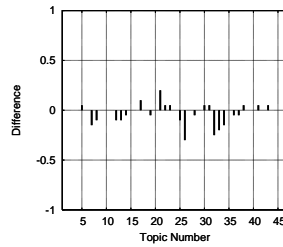
| Summary Statistics | |
|---------------------|--------------------|
| Run ID | NAICR-II-B-3 |
| Subtask | II-B |
| Relevant Level | Level2 (H, A or B) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents only |
| Number of Topics | 47 |

| 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 | 0.1087 | 0.1965 | 32 | 0.6809 |
| At 10 docs | 0.1152 | 0.2097 | 27 | 0.5745 |
| At 15 docs | 0.1101 | 0.2201 | 22 | 0.4681 |
| At 20 docs | 0.0967 | 0.1901 | 22 | 0.4681 |

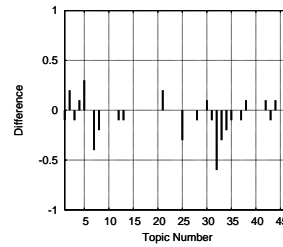
| Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved | | | | |
|---|-----------|--------|----|--------|
| | Precision | MRR | # | % |
| At 5 docs | 0.1702 | 0.2401 | 31 | 0.6596 |
| At 10 docs | 0.1745 | 0.2655 | 24 | 0.5106 |
| At 15 docs | 0.1660 | 0.2747 | 19 | 0.4043 |
| At 20 docs | 0.1500 | 0.2489 | 18 | 0.3830 |



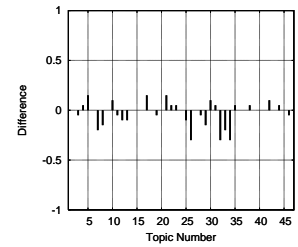
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)*



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

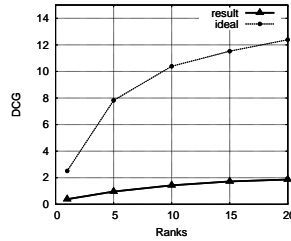


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 9 'automatic' and 'DISC only' runs)**



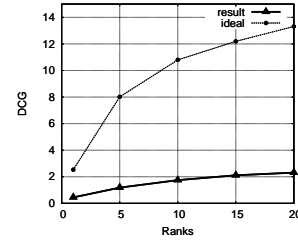
Difference from Median in Precision at Top-ranked 20 Documents per Topic (over 9 'automatic' and 'DISC only' runs)**

| Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$) | |
|---|--------|
| | DCG |
| At 1 doc | 0.3830 |
| At 5 doc | 0.9596 |
| At 10 docs | 1.4262 |
| At 15 docs | 1.7206 |
| At 20 docs | 1.8637 |



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 | 0.4468 |
| At 5 doc | 1.1818 |
| At 10 docs | 1.7459 |
| At 15 docs | 2.1103 |
| At 20 docs | 2.3099 |



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)
 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, 58, 59, 60, 61, 62, 63)
 ** 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)