

| Summary Statistics                           |                        |
|--|------------------------|
| Run ID:                                      | Brown.A1               |
| Feedback set used                            | A (baseline retrieval) |
| MAP on 31 terabyte topics                    | 0.2146                 |
| statMAP (NEU method)                         | 0.2800                 |
| statMAP topics used                          | 208                    |
| expectedMAP (UMass method)                   | 0.0564                 |
| expectedMAP topics used                      | 237                    |
| Everything below is for terabyte topics only |                        |
| Retrieved:                                   | 31000                  |
| Relevant:                                    | 1723                   |
| Relevant retrieved:                          | 1279                   |

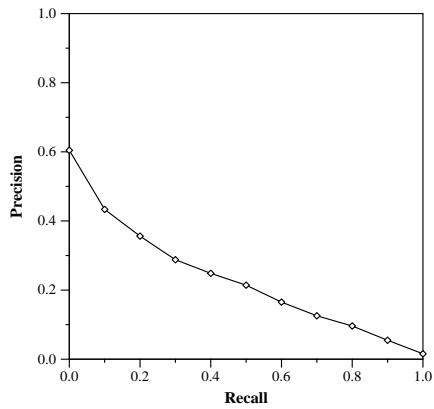
| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.6045    |
| 0.10                  | 0.4334    |
| 0.20                  | 0.3561    |
| 0.30                  | 0.2878    |
| 0.40                  | 0.2484    |
| 0.50                  | 0.2142    |
| 0.60                  | 0.1652    |
| 0.70                  | 0.1256    |
| 0.80                  | 0.0961    |
| 0.90                  | 0.0548    |
| 1.00                  | 0.0156    |

| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.3484    |
| At 10 docs              | 0.3290    |
| At 15 docs              | 0.3290    |
| At 20 docs              | 0.3290    |
| At 30 docs              | 0.3000    |
| At 100 docs             | 0.1955    |
| At 200 docs             | 0.1329    |
| At 500 docs             | 0.0708    |
| At 1000 docs            | 0.0413    |
| R-Precision             | 0.2515    |

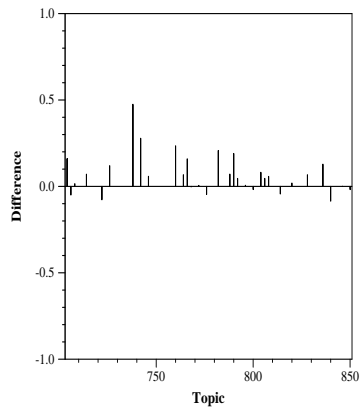
| Summary Statistics                           |                        |
|--|------------------------|
| Run ID:                                      | Brown.A2               |
| Feedback set used                            | A (baseline retrieval) |
| MAP on 31 terabyte topics                    | 0.1343                 |
| statMAP (NEU method)                         | 0.2291                 |
| statMAP topics used                          | 208                    |
| expectedMAP (UMass method)                   | 0.0490                 |
| expectedMAP topics used                      | 237                    |
| Everything below is for terabyte topics only |                        |
| Retrieved:                                   | 31000                  |
| Relevant:                                    | 1723                   |
| Relevant retrieved:                          | 1094                   |

| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.4453    |
| 0.10                  | 0.2958    |
| 0.20                  | 0.2384    |
| 0.30                  | 0.1712    |
| 0.40                  | 0.1347    |
| 0.50                  | 0.1243    |
| 0.60                  | 0.0933    |
| 0.70                  | 0.0704    |
| 0.80                  | 0.0519    |
| 0.90                  | 0.0333    |
| 1.00                  | 0.0096    |

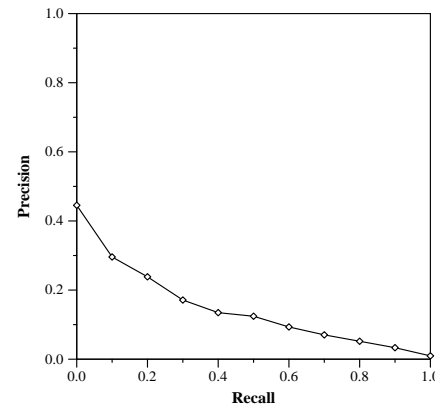
| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.2387    |
| At 10 docs              | 0.2419    |
| At 15 docs              | 0.2280    |
| At 20 docs              | 0.2194    |
| At 30 docs              | 0.1978    |
| At 100 docs             | 0.1487    |
| At 200 docs             | 0.1082    |
| At 500 docs             | 0.0590    |
| At 1000 docs            | 0.0353    |
| R-Precision             | 0.1648    |



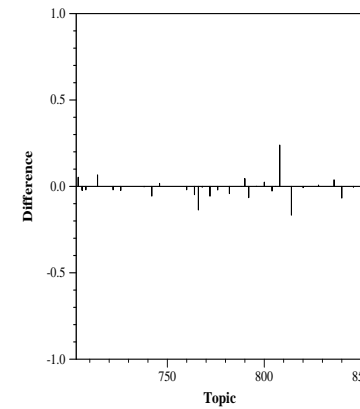
Recall-Precision Curve



Difference from Median AP (terabyte topics) per Topic



Recall-Precision Curve



Difference from Median AP (terabyte topics) per Topic

| Summary Statistics                           |                         |
|--|-------------------------|
| Run ID:                                      | Brown.B1                |
| Feedback set used                            | B (1 relevant document) |
| MAP on 31 terabyte topics                    | 0.2096                  |
| statMAP (NEU method)                         | 0.2959                  |
| statMAP topics used                          | 208                     |
| expectedMAP (UMass method)                   | 0.0604                  |
| expectedMAP topics used                      | 237                     |
| Everything below is for terabyte topics only |                         |
| Retrieved:                                   | 31000                   |
| Relevant:                                    | 1723                    |
| Relevant retrieved:                          | 1291                    |

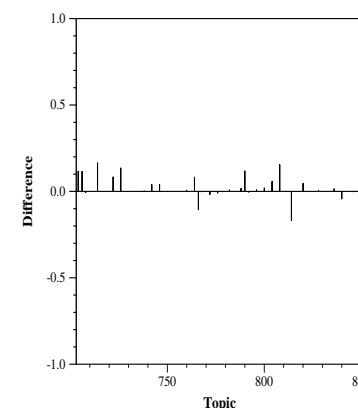
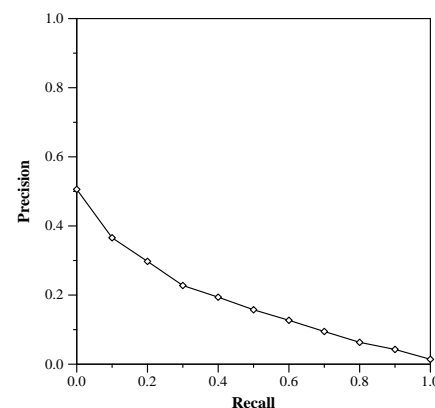
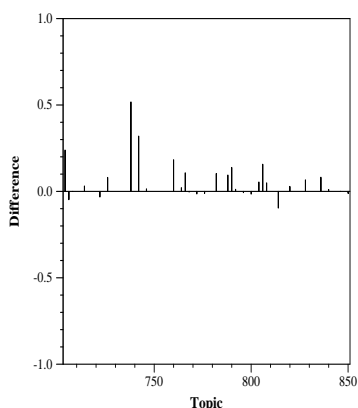
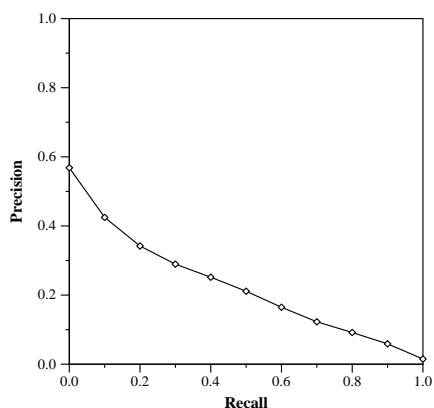
| Summary Statistics                           |                         |
|--|-------------------------|
| Run ID:                                      | Brown.B2                |
| Feedback set used                            | B (1 relevant document) |
| MAP on 31 terabyte topics                    | 0.1709                  |
| statMAP (NEU method)                         | 0.2907                  |
| statMAP topics used                          | 208                     |
| expectedMAP (UMass method)                   | 0.0622                  |
| expectedMAP topics used                      | 237                     |
| Everything below is for terabyte topics only |                         |
| Retrieved:                                   | 31000                   |
| Relevant:                                    | 1723                    |
| Relevant retrieved:                          | 1267                    |

| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.5683    |
| 0.10                  | 0.4247    |
| 0.20                  | 0.3420    |
| 0.30                  | 0.2895    |
| 0.40                  | 0.2517    |
| 0.50                  | 0.2111    |
| 0.60                  | 0.1647    |
| 0.70                  | 0.1227    |
| 0.80                  | 0.0917    |
| 0.90                  | 0.0589    |
| 1.00                  | 0.0150    |

| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.2968    |
| At 10 docs              | 0.3387    |
| At 15 docs              | 0.3441    |
| At 20 docs              | 0.3258    |
| At 30 docs              | 0.3032    |
| At 100 docs             | 0.1935    |
| At 200 docs             | 0.1340    |
| At 500 docs             | 0.0703    |
| At 1000 docs            | 0.0416    |
| R-Precision             | 0.2356    |

| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.5059    |
| 0.10                  | 0.3658    |
| 0.20                  | 0.2975    |
| 0.30                  | 0.2277    |
| 0.40                  | 0.1939    |
| 0.50                  | 0.1575    |
| 0.60                  | 0.1270    |
| 0.70                  | 0.0947    |
| 0.80                  | 0.0632    |
| 0.90                  | 0.0427    |
| 1.00                  | 0.0141    |

| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.2968    |
| At 10 docs              | 0.2968    |
| At 15 docs              | 0.3075    |
| At 20 docs              | 0.2855    |
| At 30 docs              | 0.2731    |
| At 100 docs             | 0.1816    |
| At 200 docs             | 0.1287    |
| At 500 docs             | 0.0675    |
| At 1000 docs            | 0.0409    |
| R-Precision             | 0.2109    |



Recall-Precision Curve

Difference from Median AP (terabyte topics) per Topic

Recall-Precision Curve

Difference from Median AP (terabyte topics) per Topic

| Summary Statistics                           |                        |
|--|------------------------|
| Run ID:                                      | Brown.C1               |
| Feedback set used                            | C (3 rel and 3 nonrel) |
| MAP on 31 terabyte topics                    | 0.2296                 |
| statMAP (NEU method)                         | 0.3387                 |
| statMAP topics used                          | 208                    |
| expectedMAP (UMass method)                   | 0.0702                 |
| expectedMAP topics used                      | 237                    |
| Everything below is for terabyte topics only |                        |
| Retrieved:                                   | 31000                  |
| Relevant:                                    | 1723                   |
| Relevant retrieved:                          | 1350                   |

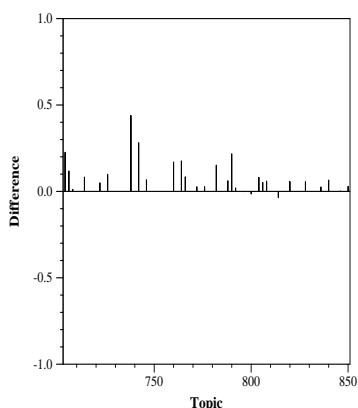
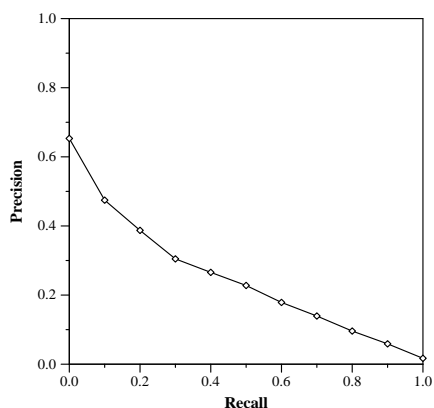
| Summary Statistics                           |                        |
|--|------------------------|
| Run ID:                                      | Brown.C2               |
| Feedback set used                            | C (3 rel and 3 nonrel) |
| MAP on 31 terabyte topics                    | 0.1950                 |
| statMAP (NEU method)                         | 0.3227                 |
| statMAP topics used                          | 208                    |
| expectedMAP (UMass method)                   | 0.0703                 |
| expectedMAP topics used                      | 237                    |
| Everything below is for terabyte topics only |                        |
| Retrieved:                                   | 31000                  |
| Relevant:                                    | 1723                   |
| Relevant retrieved:                          | 1332                   |

| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.6532    |
| 0.10                  | 0.4746    |
| 0.20                  | 0.3872    |
| 0.30                  | 0.3047    |
| 0.40                  | 0.2657    |
| 0.50                  | 0.2278    |
| 0.60                  | 0.1787    |
| 0.70                  | 0.1394    |
| 0.80                  | 0.0959    |
| 0.90                  | 0.0589    |
| 1.00                  | 0.0170    |

| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.3935    |
| At 10 docs              | 0.3774    |
| At 15 docs              | 0.3591    |
| At 20 docs              | 0.3613    |
| At 30 docs              | 0.3269    |
| At 100 docs             | 0.2100    |
| At 200 docs             | 0.1450    |
| At 500 docs             | 0.0752    |
| At 1000 docs            | 0.0435    |
| R-Precision             | 0.2575    |

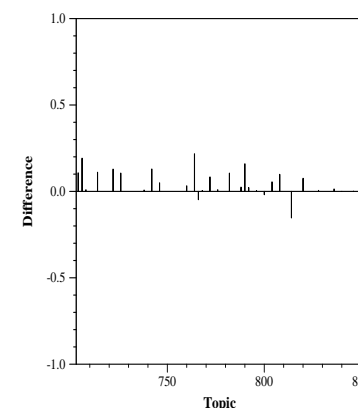
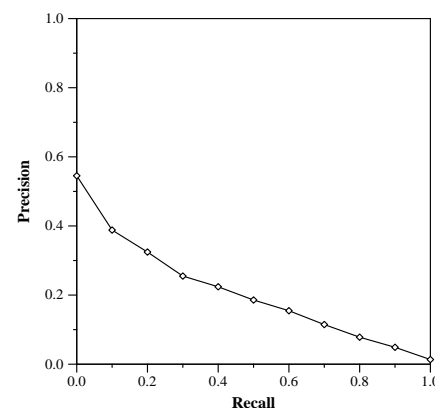
| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.5452    |
| 0.10                  | 0.3881    |
| 0.20                  | 0.3245    |
| 0.30                  | 0.2550    |
| 0.40                  | 0.2240    |
| 0.50                  | 0.1857    |
| 0.60                  | 0.1547    |
| 0.70                  | 0.1147    |
| 0.80                  | 0.0781    |
| 0.90                  | 0.0489    |
| 1.00                  | 0.0134    |

| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.3613    |
| At 10 docs              | 0.3258    |
| At 15 docs              | 0.3118    |
| At 20 docs              | 0.3194    |
| At 30 docs              | 0.3000    |
| At 100 docs             | 0.1990    |
| At 200 docs             | 0.1377    |
| At 500 docs             | 0.0743    |
| At 1000 docs            | 0.0430    |
| R-Precision             | 0.2266    |



Recall-Precision Curve

Difference from Median AP (terabyte topics) per Topic



Recall-Precision Curve

Difference from Median AP (terabyte topics) per Topic

| Summary Statistics                           |                         |
|--|-------------------------|
| Run ID:                                      | Brown.D1                |
| Feedback set used                            | D (10 judged documents) |
| MAP on 31 terabyte topics                    | 0.2429                  |
| statMAP (NEU method)                         | 0.3391                  |
| statMAP topics used                          | 208                     |
| expectedMAP (UMass method)                   | 0.0703                  |
| expectedMAP topics used                      | 237                     |
| Everything below is for terabyte topics only |                         |
| Retrieved:                                   | 31000                   |
| Relevant:                                    | 1723                    |
| Relevant retrieved:                          | 1367                    |

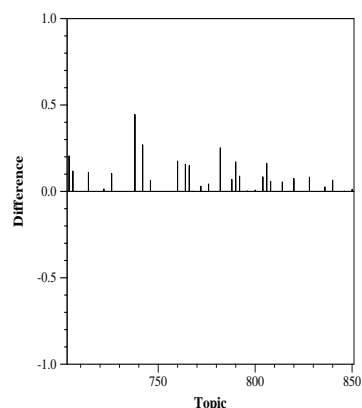
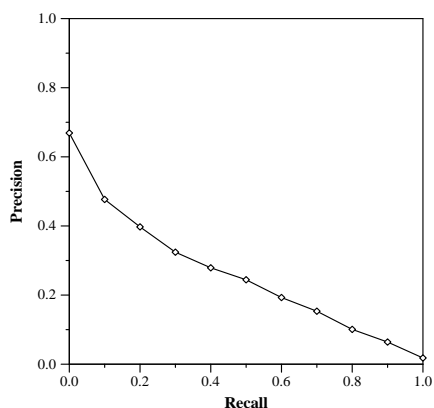
| Summary Statistics                           |                         |
|--|-------------------------|
| Run ID:                                      | Brown.D2                |
| Feedback set used                            | D (10 judged documents) |
| MAP on 31 terabyte topics                    | 0.2064                  |
| statMAP (NEU method)                         | 0.3216                  |
| statMAP topics used                          | 208                     |
| expectedMAP (UMass method)                   | 0.0706                  |
| expectedMAP topics used                      | 237                     |
| Everything below is for terabyte topics only |                         |
| Retrieved:                                   | 31000                   |
| Relevant:                                    | 1723                    |
| Relevant retrieved:                          | 1356                    |

| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.6690    |
| 0.10                  | 0.4767    |
| 0.20                  | 0.3973    |
| 0.30                  | 0.3241    |
| 0.40                  | 0.2789    |
| 0.50                  | 0.2443    |
| 0.60                  | 0.1929    |
| 0.70                  | 0.1533    |
| 0.80                  | 0.1007    |
| 0.90                  | 0.0641    |
| 1.00                  | 0.0180    |

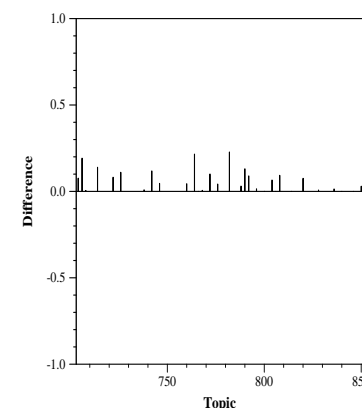
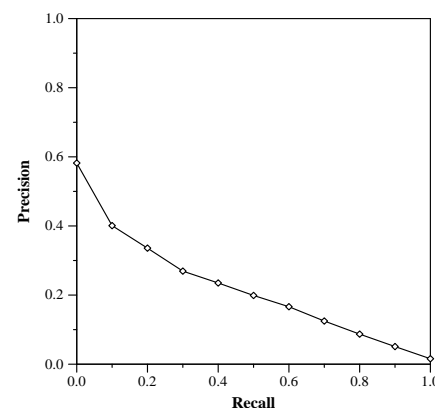
| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.4387    |
| At 10 docs              | 0.4065    |
| At 15 docs              | 0.3892    |
| At 20 docs              | 0.3806    |
| At 30 docs              | 0.3290    |
| At 100 docs             | 0.2100    |
| At 200 docs             | 0.1477    |
| At 500 docs             | 0.0771    |
| At 1000 docs            | 0.0441    |
| R-Precision             | 0.2742    |

| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.5820    |
| 0.10                  | 0.4009    |
| 0.20                  | 0.3358    |
| 0.30                  | 0.2693    |
| 0.40                  | 0.2350    |
| 0.50                  | 0.1989    |
| 0.60                  | 0.1663    |
| 0.70                  | 0.1249    |
| 0.80                  | 0.0870    |
| 0.90                  | 0.0510    |
| 1.00                  | 0.0158    |

| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.4000    |
| At 10 docs              | 0.3645    |
| At 15 docs              | 0.3419    |
| At 20 docs              | 0.3210    |
| At 30 docs              | 0.3054    |
| At 100 docs             | 0.2003    |
| At 200 docs             | 0.1408    |
| At 500 docs             | 0.0756    |
| At 1000 docs            | 0.0437    |
| R-Precision             | 0.2367    |



Difference from Median AP (terabyte topics) per Topic

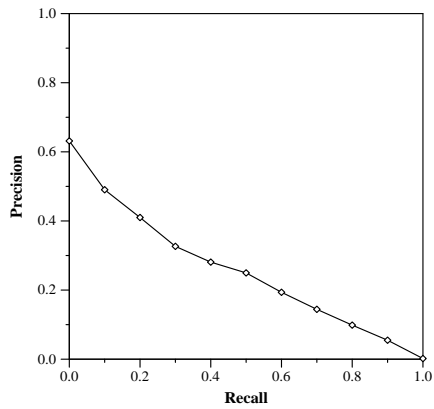


Difference from Median AP (terabyte topics) per Topic

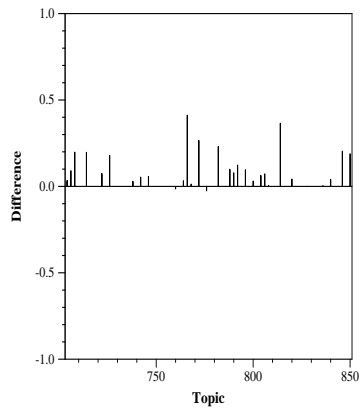
| Summary Statistics                           |                           |
|--|---------------------------|
| Run ID:                                      | Brown.E1                  |
| Feedback set used                            | E (many judged documents) |
| MAP on 31 terabyte topics                    | 0.2475                    |
| statMAP (NEU method)                         | 0.3500                    |
| statMAP topics used                          | 208                       |
| expectedMAP (UMass method)                   | 0.0732                    |
| expectedMAP topics used                      | 237                       |
| Everything below is for terabyte topics only |                           |
| Retrieved:                                   | 31000                     |
| Relevant:                                    | 1723                      |
| Relevant retrieved:                          | 1301                      |

| Recall Level Averages |           |
|-----------------------|-----------|
| Recall                | Precision |
| 0.00                  | 0.6315    |
| 0.10                  | 0.4903    |
| 0.20                  | 0.4100    |
| 0.30                  | 0.3265    |
| 0.40                  | 0.2809    |
| 0.50                  | 0.2497    |
| 0.60                  | 0.1936    |
| 0.70                  | 0.1443    |
| 0.80                  | 0.0986    |
| 0.90                  | 0.0549    |
| 1.00                  | 0.0019    |

| Document Level Averages |           |
|-------------------------|-----------|
|                         | Precision |
| At 5 docs               | 0.4710    |
| At 10 docs              | 0.4806    |
| At 15 docs              | 0.4258    |
| At 20 docs              | 0.3887    |
| At 30 docs              | 0.3570    |
| At 100 docs             | 0.2135    |
| At 200 docs             | 0.1385    |
| At 500 docs             | 0.0719    |
| At 1000 docs            | 0.0420    |
| R-Precision             | 0.2735    |



Recall-Precision Curve



Difference from Median AP (terabyte topics) per Topic