# Chemical IR Track Prior Art (small) Task results — Bibliomics and Text Mining Group
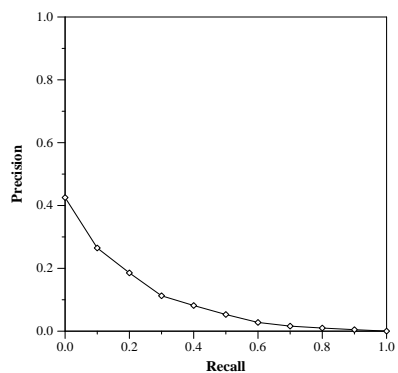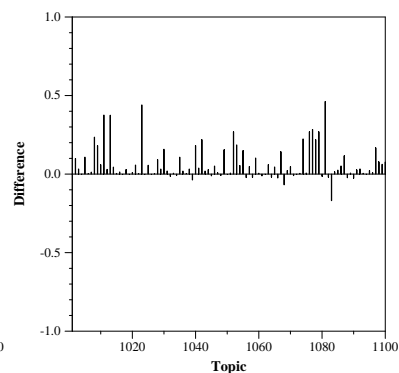
| Description and Summary Statistics | |
| --- | --- |
| Run ID: | BiTeMPAcitFB |
| Fields of topic patent used: | title, abstract, claims |
| Fields of collection patents used: | title, abstract, claims |
| Number of Topics: | 100 |
| Total number of documents over all topics | |
| Retrieved: | 93964 |
| Relevant: | 2875 |
| Relevant and retrieved: | 1385 |

| Recall Level Averages | |
| --- | --- |
| Recall | Precision |
| 0.00 | 0.4253 |
| 0.10 | 0.2648 |
| 0.20 | 0.1855 |
| 0.30 | 0.1127 |
| 0.40 | 0.0817 |
| 0.50 | 0.0531 |
| 0.60 | 0.0278 |
| 0.70 | 0.0161 |
| 0.80 | 0.0100 |
| 0.90 | 0.0048 |
| 1.00 | 0.0002 |
| Mean average precision | |
| non-interpolated | 0.0906 |

| Document Level Averages | |
| --- | --- |
| | Precision |
| At 5 docs | 0.2360 |
| At 10 docs | 0.2170 |
| At 15 docs | 0.1860 |
| At 20 docs | 0.1625 |
| At 30 docs | 0.1353 |
| At 100 docs | 0.0662 |
| R-Precision: precision after R (number relevant) documents retrieved | |
| Exact | 0.1313 |



Recall-Precision Curve



Difference from median MAP per topic