

4. Table comparing the total number of documents retrieved per query using Lucene's scoring function vs. using BM25 :

| query | total#_docs_retrieved_using_Lucene-hw4 | total#_docs_retrieved_using_BM25-hw3 |
|--------------|-----------------------------------------------|---------------------------------------------|
| q1 | 440 | 871 |
| q2 | 1579 | 1632 |
| q3 | 272 | 1386 |
| q4 | 1529 | 1540 |