SCORES USING NDCG@10:

|  |  |  |  |
| --- | --- | --- | --- |
|  | JavaScript | Java | Python |
| BM25 | 0.41296886175138970 | 0.408383745914525 | 0.40210624468793493 |
| TF-IDF | 0.40663221942529293 | 0.39672140247152077 | 0.38979878533421364 |
| Dirichlet-LM | 0.40721171335880756 | 0.4068119482228195 | 0.39464808917661276 |

What are the performance comparisons between Dirichlet-LM, TF-IDF and BM25?

The BM25 algorithm is still the most superior as it’s evaluation score is greater than the other two and the Tf-Idf score is still the least efficient as it lags behind the other two matching patterns.