|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Recall** | **Precision** | **F-Measure** | **MAP** | **MRR** |
| ***VSM*** | | | | | |
| **ArgoSPL** | **0.001** | **0.014** | **0.014** | **0.003** | **0.019** |
| **Derby** | **0.000** | **0.001** | **0.000** | **0.000** | **0.000** |
| **Eclipse** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **ArgoUML** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **jEdit** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **Math** | **0.071** | **0.439** | **0.001** | **0.000** | **0.000** |
| **muComman** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **JabRef** | **0.002** | **0.001** | **0.001** | **0.000** | **0.000** |
| **Lang** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **Rhino** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **iBatis** | **0.006** | **0.010** | **0.010** | **0.000** | **0.000** |
| **Mylyn** | **0.192** | **0.337** | **0.492** | **0.462** | **0.478** |
| **LSI** | | | | | |
| **ArgoSPL** | **0.004** | **0.014** | **0.010** | **0.001** | **0.715** |
| **Derby** | **0.012** | **0.015** | **0.015** | **0.000** | **0.000** |
| **Eclipse** | **0.655** | **0.655** | **0.655** | **0.009** | **0.034** |
| **ArgoUML** | **0.052** | **0.042** | **0.038** | **0.002** | **0.005** |
| **jEdit** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **Math** | **0.440** | **0.767** | **0.678** | **0.671** | **0.516** |
| **muComman** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **JabRef** | **0.001** | **0.001** | **0.001** | **0.000** | **0.001** |
| **Lang** | **0.055** | **0.040** | **0.509** | **0.091** | **0.073** |
| **Rhino** | **0.000** | **0.000** | **0.000** | **0.000** | **1.000** |
| **iBatis** | **0.211** | **0.156** | **0.156** | **0.000** | **0.000** |
| **Mylyn** | **0.300** | **0.233** | **0.211** | **0.326** | **0.412** |
| **LDA** | | | | | |
| **ArgoSPL** | **0.006** | **0.014** | **0.014** | **0.000** | **0.000** |
| **Derby** | **0.001** | **0.000** | **0.001** | **0.000** | **0.000** |
| **Eclipse** | **0.044** | **0.687** | **0.368** | **0.110** | **0.028** |
| **ArgoUML** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **jEdit** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **Math** | **0.019** | **0.019** | **0.019** | **0.013** | **0.028** |
| **muComman** | **0.000** | **0.001** | **0.000** | **0.000** | **0.000** |
| **JabRef** | **0.001** | **0.001** | **0.001** | **0.000** | **0.000** |
| **Lang** | **0.527** | **0.527** | **0.044** | **0.000** | **0.000** |
| **Rhino** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |
| **iBatis** | **0.001** | **0.000** | **0.000** | **0.000** | **0.000** |
| **Mylyn** | **0.538** | **0.672** | **0.459** | **0.009** | **0.307** |