|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| System | #Bugs | Approach | Hit@1 | Hit@5 | Hit@10 | MRR | MAP |
| AspectJ | 244 | VSM | 29.10% | 52.45% | 61.06% | 0.38 | 0.22 |
| BLuAMIR | **33.20%** | **54.92%** | **66.39%** | **0.43** | **0.23** |
| SWT | 98 | VSM | 42.71% | 73.96% | 86.46% | 0.57 | 0.49 |
| BLuAMIR | **45.93%** | **75.00%** | 82.29% | **0.58** | **0.50** |
| ZXing | 20 | VSM | 55.00% | 75.00% | 80.00% | 0.65 | 0.56 |
| BLuAMIR | 55.00% | **80.00%** | **85.00%** | **0.67** | **0.62** |