| Instance 842341 - 0.72 | Rank Position | SHAP (weight) | LIME (weight) | Anchors(weight) | Our Approach (weight - agreement index) |
|---------------------------|------------------|---------------------------------|---------------------------------|----------------------------------|--|
| | 1 | methodRfc (24.9%) | methodRfc (28.7%) | bugFixCount (46.9%) | methodLoc (16.9% - 100.0%) |
| | 2 | methodLoc (18.8%) | methodUniqueWordsQty (23.5%) | methodAssignmentsQty (16.4%) | methodRfc (26.1% - 50.0%) |
| | 3 | methodUniqueWordsQty (18.4%) | methodLoc (15.5%) | methodLoc (16.0%) | methodAssignmentsQty (12.9% - 83.3%) |
| | 4 | methodAssignmentsQty (7.7%) | methodSubClassesQty (13.3%) | methodMaxNestedBlocks (12.3%) | methodUniqueWordsQty (20.1% - 50.0%) |

methodParenthesizedExpsQty

(10.9%)

refactoringsInvolved (5.4%)

methodMaxNestedBlocks (8.8%

- 83.3%)

refactoringsInvolved (6.5%)

5

| Instance 3435338 - 0.93 | Rank Position | SHAP (weight) | LIME (weight) | Anchors(weight) | Our Approach (weight - agreement index) |
|----------------------------|------------------|---------------------------------|---------------------------------|-----------------------------|--|
| | 1 | methodRfc (20.5%) | methodRfc (26.7%) | methodRfc (17.8%) | methodRfc (20.2% - 100.0%) |
| | 2 | methodUniqueWordsQty (16.5%) | methodSubClassesQty (24.3%) | methodVariablesQty (16.4%) | methodUniqueWordsQty (11.1% - 100.0%) |
| | 3 | methodLoc (16.4%) | methodLoc (19.4%) | refactoringsInvolved (7.8%) | methodAssignmentsQty (7.7% - 100.0%) |
| | 4 | methodVariablesQty (12.5%) | methodUniqueWordsQty (18.7%) | methodParametersQty (5.8%) | methodLoc (11.4% - 100.0%) |
| | 5 | methodAssignmentsQty (9.7%) | methodAssignmentsQty | methodUniqueWordsQty (5.1%) | methodSubClassesQty (6.7% - |

(10.9%)

100.0%)