

Instance 57203 - 0.54	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodLoc (21.0%)	methodRfc (23.4%)	refactoringsInvolved (33.3%)	refactoringsInvolved (21.6% - 100.0%)
	2	methodRfc (16.4%)	methodUniqueWordsQty (19.2%)	methodVariablesQty (8.6%)	methodUniqueWordsQty (11.9% - 100.0%)
	3	methodUniqueWordsQty (14.8%)	refactoringsInvolved (18.1%)	methodAnonymousClassesQty (7.8%)	methodLoc (13.3% - 100.0%)
	4	methodVariablesQty (9.3%)	methodLoc (14.9%)	methodUniqueWordsQty (7.6%)	methodAssignmentsQty (7.9% - 100.0%)
	5	methodWmc (8.6%)	methodSubClassesQty (14.5%)	methodMaxNestedBlocks (7.6%)	methodRfc (13.2% - 100.0%)

Instance 75146 - 0.79	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodLoc (19.2%)	bugFixCount (55.4%)	bugFixCount (76.6%)	bugFixCount (53.5% - 100.0%)
	2	bugFixCount (17.8%)	methodRfc (18.6%)	methodUniqueWordsQty (23.4%)	methodUniqueWordsQty (18.4% - 100.0%)
	3	methodRfc (17.7%)	methodUniqueWordsQty (15.0%)	null	methodLoc (16.4% - 50.0%)
	4	methodUniqueWordsQty (12.6%)	methodLoc (10.9%)	null	methodRfc (18.0% - 50.0%)
	5	methodVariablesQty (9.4%)	null	null	null

Instance 14644 - 0.89	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodRfc (19.7%)	methodRfc (36.2%)	refactoringsInvolved (57.5%)	methodRfc (23.0% - 100.0%)
	2	methodLoc (18.3%)	methodUniqueWordsQty (33.4%)	methodRfc (20.8%)	methodUniqueWordsQty (12.2% - 100.0%)
	3	methodUniqueWordsQty (14.4%)	methodLoc (30.3%)	methodParametersQty (12.1%)	refactoringsInvolved (36.0% - 83.3%)
	4	methodAssignmentsQty (9.0%)	null	methodLoopQty (6.1%)	methodLoc (22.3% - 50.0%)
	5	methodVariablesQty (8.7%)	null	methodUniqueWordsQty (3.6%)	methodParametersQty (9.6% - 83.3%)

Instance 86294 - 0.66	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodRfc (20.8%)	methodRfc (22.6%)	refactoringsInvolved (38.0%)	methodVariablesQty (9.6% - 100.0%)
	2	methodLoc (18.4%)	methodUniqueWordsQty (18.7%)	methodVariablesQty (10.6%)	methodRfc (13.8% - 100.0%)
	3	methodUniqueWordsQty (12.9%)	methodSubClassesQty (18.7%)	methodParametersQty (7.6%)	methodLoc (12.3% - 100.0%)
	4	methodAssignmentsQty (9.7%)	methodLoc (18.3%)	methodMaxNestedBlocks (6.3%)	methodUniqueWordsQty (10.5% - 100.0%)
	5	methodWmc (8.7%)	methodVariablesQty (11.1%)	methodRfc (6.2%)	methodSubClassesQty (6.2% - 100.0%)

Instance 28275 - 0.85	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodRfc (20.5%)	methodRfc (21.2%)	refactoringsInvolved (41.3%)	refactoringsInvolved (24.9% - 100.0%)
	2	methodLoc (20.2%)	methodLoc (18.3%)	methodRfc (13.2%)	methodRfc (17.0% - 100.0%)
	3	methodUniqueWordsQty (11.6%)	methodUniqueWordsQty (17.7%)	methodParametersQty (7.1%)	methodLoc (13.2% - 100.0%)
	4	methodAssignmentsQty (11.1%)	refactoringsInvolved (16.9%)	methodLoc (6.8%)	methodSubClassesQty (4.6% - 100.0%)
	5	methodVariablesQty (9.3%)	methodSubClassesQty (14.2%)	methodAssignmentsQty (4.9%)	methodUniqueWordsQty (9.0% - 100.0%)

Instance 64573 - 0.67	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodRfc (23.5%)	methodRfc (35.7%)	methodRfc (14.4%)	methodRfc (21.0% - 100.0%)
	2	methodLoc (20.9%)	methodUniqueWordsQty (26.9%)	methodUniqueWordsQty (14.4%)	methodUniqueWordsQty (18.0% - 100.0%)
	3	methodUniqueWordsQty (18.8%)	methodLoc (23.5%)	refactoringsInvolved (11.4%)	methodVariablesQty (7.5% - 100.0%)
	4	methodAssignmentsQty (13.1%)	methodVariablesQty (13.9%)	methodParametersQty (8.9%)	methodLoc (14.4% - 100.0%)
	5	refactoringsInvolved (5.2%)	null	methodCbo (7.9%)	refactoringsInvolved (8.9% - 83.3%)

Instance 16751 - 0.95	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodLoc (19.3%)	methodRfc (26.6%)	bugFixCount (56.3%)	methodRfc (20.5% - 100.0%)
	2	methodRfc (18.7%)	methodUniqueWordsQty (26.0%)	methodRfc (19.7%)	methodAssignmentsQty (9.2% - 100.0%)
	3	methodUniqueWordsQty (14.1%)	methodLoc (18.6%)	refactoringsInvolved (8.9%)	methodLoc (11.7% - 100.0%)
	4	methodVariablesQty (10.4%)	methodAssignmentsQty (16.2%)	methodAssignmentsQty (6.7%)	bugFixCount (34.8% - 83.3%)
	5	methodAssignmentsQty (9.4%)	methodVariablesQty (12.8%)	methodMaxNestedBlocks (4.2%)	methodUniqueWordsQty (18.1% - 50.0%)

Instance 73583 - 0.94	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodLoc (24.6%)	methodSubClassesQty (27.8%)	refactoringsInvolved (68.6%)	refactoringsInvolved (37.8% - 100.0%)
	2	methodRfc (18.9%)	methodRfc (17.9%)	methodRfc (22.4%)	methodRfc (20.5% - 100.0%)
	3	methodUniqueWordsQty (15.4%)	refactoringsInvolved (15.7%)	bugFixCount (9.0%)	methodLoc (20.1% - 50.0%)
	4	methodVariablesQty (9.5%)	methodUniqueWordsQty (13.7%)	null	methodUniqueWordsQty (14.8% - 50.0%)
	5	methodWmc (9.4%)	methodLoc (11.1%)	null	bugFixCount (5.7% - 83.3%)

Instance 14613 - 0.97	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodLoc (18.1%)	methodUniqueWordsQty (30.9%)	bugFixCount (60.1%)	methodRfc (19.6% - 100.0%)
	2	bugFixCount (14.4%)	methodRfc (25.9%)	methodRfc (21.8%)	bugFixCount (41.8% - 83.3%)
	3	methodRfc (13.3%)	methodLoc (20.0%)	refactoringsInvolved (9.5%)	methodLoc (18.8% - 50.0%)
	4	methodUniqueWordsQty (12.4%)	methodVariablesQty (13.0%)	methodMathOperationsQty (5.5%)	refactoringsInvolved (7.1% - 83.3%)
	5	methodVariablesQty (7.8%)	methodTryCatchQty (10.2%)	methodParametersQty (3.1%)	methodUniqueWordsQty (18.6% - 50.0%)

Instance 90639 - 0.94	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodLoc (19.2%)	methodUniqueWordsQty (19.2%)	bugFixCount (60.9%)	methodRfc (19.9% - 100.0%)
	2	methodRfc (16.5%)	methodRfc (19.0%)	methodRfc (22.5%)	methodLoc (17.9% - 50.0%)
	3	methodUniqueWordsQty (13.7%)	methodSubClassesQty (16.4%)	refactoringsInvolved (9.6%)	bugFixCount (41.0% - 83.3%)
	4	bugFixCount (11.0%)	methodLoc (15.4%)	methodReturnQty (3.9%)	methodUniqueWordsQty (15.5% - 50.0%)
	5	methodVariablesQty (9.1%)	methodVariablesQty (10.7%)	methodMaxNestedBlocks (3.1%)	refactoringsInvolved (7.8% - 83.3%)

Instance 44463 - 0.99	Rank Position	SHAP (weight)	LIME (weight)	Anchors(weight)	Our Approach (weight - agreement index)
	1	methodLoc (19.0%)	methodRfc (24.9%)	refactoringsInvolved (59.1%)	methodVariablesQty (13.3% - 100.0%)
	2	methodRfc (14.5%)	methodSubClassesQty (19.8%)	methodVariablesQty (17.3%)	methodRfc (11.6% - 100.0%)
	3	bugFixCount (14.3%)	methodUniqueWordsQty (19.2%)	bugFixCount (12.3%)	methodLoc (18.5% - 50.0%)
	4	methodUniqueWordsQty (12.4%)	methodLoc (17.5%)	methodParametersQty (6.2%)	refactoringsInvolved (36.5% - 83.3%)
	5	methodVariablesQty (9.7%)	methodWmc (9.7%)	methodRfc (5.1%)	bugFixCount (13.1% - 83.3%)