

## Results for False Positives and False Negatives Analysis

### False Positives

#### Numbers by Merge Scenarios

	project	mergeScenarios	fpOrderingMergeScenarios	RatePercentual
1	Mybatis-3	291	0	0.00
2	Lottie-android	5	0	0.00
3	Fastjson	351	25	7.12
4	Hystrix	628	4	0.64
5	Storm	272	6	2.21
6	Vert.x-Core	595	9	1.51
7	Presto	7	0	0.00
8	Javaee7-samples	261	3	1.15
9	MEAN			1.58
10	STANDARD DEVIATION			2.38

Unstructured Merge Added False Positives by Merge Scenarios

	project	mergeScenarios	fpRenamingMergeScenarios	RatePercentual
1	Mybatis-3	291	1	0.34
2	Lottie-android	5	0	0.00
3	Fastjson	351	4	1.14
4	Hystrix	628	1	0.16
5	Storm	272	1	0.37
6	Vert.x-Core	595	0	0.00
7	Presto	7	0	0.00
8	Javaee7-samples	261	1	0.38
9	MEAN			0.30
10	STANDARD DEVIATION			0.38

Semistructured Merge Added False Positives by Merge Scenarios

#### Numbers by Conflict

	project	textualConfUnmerge	fpOrderingConf	RatePercentual
1	Mybatis-3	7	0	0
2	Lottie-android	0	0	
3	Fastjson	394	100	25
4	Hystrix	49	8	16
5	Storm	56	23	41
6	Vert.x-Core	17	12	71
7	Presto	0	0	
8	Javaee7-samples	9	6	67
9	MEAN			37
10	STANDARD DEVIATION			28

Unstructured Merge Added False Positives by Conflicts

	project	textualConfSsmerge	fpRenamingConf	RatePercentual
1	Mybatis-3	4	3	75.0
2	Lottie-android	0	0	NaN
3	Fastjson	59	5	8.5
4	Hystrix	40	6	15.0
5	Storm	8	3	37.5
6	Vert.x-Core	1	0	0.0
7	Presto	0	0	NaN
8	Javaee7-samples	2	2	100.0
9	MEAN			39.3
10	STANDARD DEVIATION			40.1

Semistructured Merge Added False Positives by Conflicts

### False Negatives

#### Numbers by Merge Scenario

	project	mergeScenarios	fnDuplicationMergeScenarios	RatePercentual
1	Mybatis-3	291	0	0
2	Lottie-android	5	0	0
3	Fastjson	351	0	0
4	Hystrix	628	0	0
5	Storm	272	0	0
6	Vert.x-Core	595	0	0
7	Presto	7	0	0
8	Javaee7-samples	261	0	0
9	MEAN			0
10	STANDARD DEVIATION			0

Unstructured Merge Added False Negatives by Merge Scenarios

	project	mergeScenarios	fnImportMergeScenarios	fnNewArtRefOldOneMergeScenarios	fnAnonymousMergeScenarios	fnAcidentalScenarios	RatePercentual
1	Mybatis-3	291	0	0	0	4	1.37
2	Lottie-android	5	0	0	0	0	0.00
3	Fastjson	351	0	0	0	29	8.26
4	Hystrix	628	0	0	0	6	0.96
5	Storm	272	0	0	0	6	2.21
6	Vert.x-Core	595	0	0	0	4	0.67
7	Presto	7	0	0	0	0	0.00
8	Javaee7-samples	261	0	0	0	2	0.77
9	MEAN						1.78
10	STANDARD DEVIATION						2.72

Semistructured Merge Added False Negatives by Merge Scenarios

Numbers by Conflict

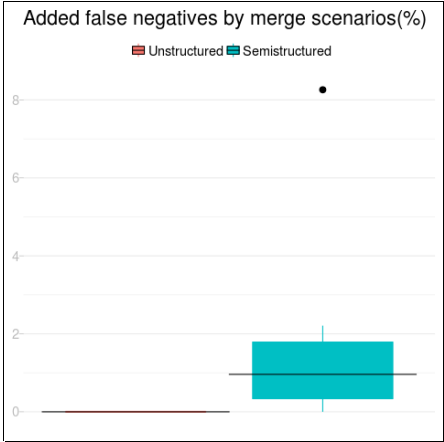
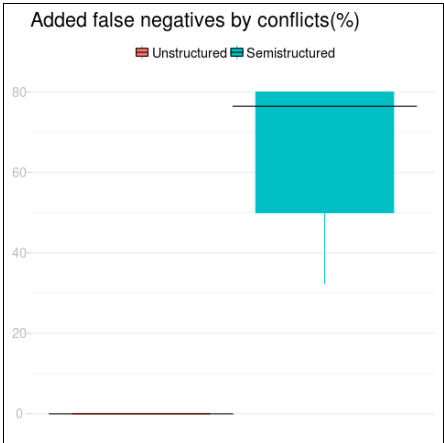
	project	textualConfUnmerge	fnDuplicationMissed	RatePercentual
1	Mybatis-3	7	0	0
2	Lottie-android	0	0	
3	Fastjson	394	0	0
4	Hystrix	49	0	0
5	Storm	56	0	0
6	Vert.x-Core	17	0	0
7	Presto	0	0	
8	Javaee7-samples	9	0	0
9	MEAN			0
10	STANDARD DEVIATION			0

Unstructured Merge Added False Negatives by Conflicts

	project	textualConfSsmerge	fnImportMissed	fnNewArtRefOldOneConf	fnAnonymous	fnAcidental	RatePercentual
1	Mybatis-3	4	0	0	0	4	50
2	Lottie-android	0	0	0	0	0	
3	Fastjson	59	0	0	0	237	80
4	Hystrix	40	0	0	0	19	32
5	Storm	8	0	0	0	26	76
6	Vert.x-Core	1	0	0	0	4	80
7	Presto	0	0	0	0	0	
8	Javaee7-samples	2	0	0	0	2	50
9	MEAN						61
10	STANDARD DEVIATION						20

Semistructured Merge Added False Negatives by Conflicts

Plots



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**Last Time Updated:**

2017-11-19 01:16:30 -03