(a) Venn graph of correct fixes on Defects4J v1.2

CURE (3)
C-17
M-2,22

KNOD (12)
C-10
Cl-1,5,15,19,52
Cl-77,119,123
L-21,61
Mo-22

TBar (12)
C-19
Cl-4,13,117
L-24,39,47
M-4,77,89
Mo-26
T-26

Recoder (8)
C-3
Cl-21,31,33,104
L-55
M-96,105

C: Chart
Cl: Closure
L: Lang
M: Math
Mo: Mockito
T: Time

6
2
2
14
28
5
1
4
1
1
3

(b) Venn graph of correct fixes on Defects4J v2.0

KNOD(17)
Ci-11, Cl-161
Cp-1, Cs-4
G-11, Jx-5
Jc-7,11,26
Jd-1,34,96,97
Js-39,40,61
Jp-21

CURE(2)
Jd-16
Js-68

RewardRepair(14)
Ci-27, Co-1,
Cp-14,27, Cs-11,
Jd-24,57,99
Js-49,52,57,64,86
Jp-1

Ci: Cli
Cl: Closure
Cp: Compress
Cs: Csv
Co: Codec
G: Gson
Jx: JacksonXml
Jc: JacksonCore
Jd: JacksonDatabind
Js: Jsoup
Jp: JxPath

4
18
11
2