

name	$\mathcal{D}_A$	$\mathcal{D}_P$	$\mathcal{D}_L$	$\mathcal{R}_P$	$\mathcal{R}_L$	$\mathcal{P}_P$	$\mathcal{P}_L$
AC	4	20	14	20	9	16	5
AE	4	21	14	21	9	16	5
AH	4	21	14	21	9	14	5
01	4	18	14	18	9	16	6
AA	4	20	13	20	8	16	5
AD	4	18	14	18	9	16	6
AF	4	21	14	21	9	16	5
AI	4	19	15	19	10	16	6
00	4	20	13	20	8	16	5
AB	4	20	14	20	9	16	5

Table 1: dataMin

name	$\mathcal{S}_L$	$\mathcal{S}_T$	$\mathcal{S}_O$	$\mathcal{D}_A$	$\mathcal{D}_P$	$\mathcal{D}_L$	$\mathcal{R}_P$	$\mathcal{R}_L$	$\mathcal{P}_P$	$\mathcal{P}_L$
AF	1310	43	235	4	21	14	21	9	16	5
AI	1310	43	238	4	19	15	19	10	16	6
00	1310	43	247	4	20	13	20	8	16	5
AB	1310	43	232	4	20	14	20	9	16	5
AD	1310	43	235	4	18	14	18	9	16	6
AE	1310	43	239	4	21	14	21	9	16	5
AH	1310	43	238	4	21	14	21	9	14	5
01	1310	43	235	4	18	14	18	9	16	6
AA	1310	43	244	4	20	13	20	8	16	5
AC	1310	43	241	4	20	14	20	9	16	5

Table 2: dataMinSize

name	$\mathcal{S}_L$	$\mathcal{S}_T$	$\mathcal{S}_O$
01	1310	43	235
AA	1310	43	244
AC	1310	43	241
AE	1310	43	239
AH	1310	43	238
00	1310	43	247
AB	1310	43	232
AD	1310	43	235
AF	1310	43	235
AI	1310	43	238

Table 3: dataSize

- $\mathcal{S}_L$ : number lines of program
- $\mathcal{S}_T$ : number traces / number of run tests
- $\mathcal{S}_O$ : size of traces (total number of operations in all traces)
- $\mathcal{D}_A$ : total number of detection of unique actual detected bugs
- $\mathcal{D}_P$ : total number of detection of unique potential bugs
- $\mathcal{D}_L$ : total number of detection of unique leaks
- $\mathcal{R}_P$ : total number of rewrites of unique potential bugs
- $\mathcal{R}_L$ : total number of rewrites of unique leaks
- $\mathcal{P}_P$ : total number of successful replays of unique potential bugs
- $\mathcal{P}_L$ : total number of successful replays of unique leaks

name	$\mathcal{D}_{A1}$	$\mathcal{D}_{A2}$	$\mathcal{D}_{A3}$	$\mathcal{D}_{A4}$	$\mathcal{D}_{A5}$
01	0	1	0	1	2
AA	0	1	0	1	2
AC	0	1	0	1	2
AE	0	1	0	1	2
AH	0	1	0	1	2
00	0	1	0	1	2
AB	0	1	0	1	2
AD	0	1	0	1	2
AF	0	1	0	1	2
AI	0	1	0	1	2

Table 4: dataActual

name	$\mathcal{D}_{P1}$	$\mathcal{D}_{P2}$	$\mathcal{D}_{P3}$	$\mathcal{D}_{P4}$	$\mathcal{R}_{P1}$	$\mathcal{R}_{P2}$	$\mathcal{R}_{P3}$	$\mathcal{R}_{P4}$	$\mathcal{P}_{P1}$	$\mathcal{P}_{P2}$	$\mathcal{P}_{P3}$	$\mathcal{P}_{P4}$
AB	12	7	1	0	12	7	1	0	10	5	1	0
AD	11	6	1	0	11	6	1	0	10	5	1	0
AF	12	8	1	0	12	8	1	0	10	5	1	0
AI	11	7	1	0	11	7	1	0	10	5	1	0
00	12	7	1	0	12	7	1	0	10	5	1	0
AA	12	7	1	0	12	7	1	0	10	5	1	0
AC	12	7	1	0	12	7	1	0	10	5	1	0
AE	12	8	1	0	12	8	1	0	10	5	1	0
AH	12	8	1	0	12	8	1	0	9	4	1	0
01	11	6	1	0	11	6	1	0	10	5	1	0

Table 5: dataPotential

- $\mathcal{D}_{Ax}$ : total number of detection of unique actual detected bug of type x
- $\mathcal{D}_{Px}$ : total number of detection of unique potential bug of type x
- $\mathcal{D}_{Lx}$ : total number of detection of unique leak of type x
- $\mathcal{R}_{Px}$ : total number of rewrites of unique potential bug of type x
- $\mathcal{R}_{Lx}$ : total number of rewrites of unique leak of type x
- $\mathcal{P}_{Px}$ : total number of successful replays of unique potential bug of type x
- $\mathcal{P}_{Lx}$ : total number of successful replays of unique leak of type x

name	$\mathcal{D}_{L1}$	$\mathcal{D}_{L2}$	$\mathcal{D}_{L3}$	$\mathcal{D}_{L4}$	$\mathcal{D}_{L5}$	$\mathcal{D}_{L6}$	$\mathcal{D}_{L7}$	$\mathcal{D}_{L8}$	$\mathcal{D}_{L9}$	$\mathcal{D}_{L10}$	$\mathcal{R}_{L1}$	$\mathcal{R}_{L2}$	$\mathcal{R}_{L3}$	$\mathcal{R}_{L4}$	$\mathcal{R}_{L5}$	$\mathcal{R}_{L6}$
01	11	6	1	0	0	0	0	0	0	0	11	6	1	0	0	0
AA	12	7	1	0	0	0	0	0	0	0	12	7	1	0	0	0
AC	12	7	1	0	0	0	0	0	0	0	12	7	1	0	0	0
AE	12	8	1	0	0	0	0	0	0	0	12	8	1	0	0	0
AH	12	8	1	0	0	0	0	0	0	0	12	8	1	0	0	0
00	12	7	1	0	0	0	0	0	0	0	12	7	1	0	0	0
AB	12	7	1	0	0	0	0	0	0	0	12	7	1	0	0	0
AD	11	6	1	0	0	0	0	0	0	0	11	6	1	0	0	0
AF	12	8	1	0	0	0	0	0	0	0	12	8	1	0	0	0
AI	11	7	1	0	0	0	0	0	0	0	11	7	1	0	0	0

Table 6: dataLeak