

Total Number of Benchmark Tests - 1196 (598 with defects, 598 without defects)

Tool or Tool Suite - Valgrind (compiled with gcc)

Version - valgrind-3.10.1

Defect Type	DR (defects reported / tests with defects)	FPR (defects reported / tests without defects)	100 - FPR	P
Dynamic memory	80.233 (69/86)	4.651 (4/86)	95.349	87.465
Numerical	12.963 (14/108)	0.0 (0/108)	100.000	36.004
Misc	17.143 (6/35)	0.0 (0/35)	100.000	41.404
Resource management	55.208 (53/96)	0.0 (0/96)	100.000	74.302
Inappropriate code	0.0 (0/64)	0.0 (0/64)	100.000	0.000
Static memory	8.955 (6/67)	0.0 (0/67)	100.000	29.925
Pointer related	54.545 (42/77)	0.0 (0/77)	100.000	73.855
Concurrency	0.0 (0/43)	0.0 (0/43)	100.000	0.000
Stack related	55.0 (11/20)	0.0 (0/20)	100.000	74.162
Average (Weighted)	33.725	0.671	99.329	57.878
Average (Unweighted)	31.561	0.517	99.483	56.034