

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

Tool or Tool Suite - Helgrind (compiled with gcc)

Version - Bundled with valgrind-3.10.1

Defect Type	DR (defects reported / tests with defects)	FPR (defects reported / tests without defects)	100 - FPR	P
Dynamic memory	9.302 (8/86)	4.651 (4/86)	95.349	29.781
Numerical	12.963 (14/108)	0.0 (0/108)	100.000	36.004
Misc	8.571 (3/35)	0.0 (0/35)	100.000	29.276
Resource management	9.375 (9/96)	0.0 (0/96)	100.000	30.619
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	44.156 (34/77)	0.0 (0/77)	100.000	66.450
Concurrency	72.093 (31/43)	20.93 (9/43)	79.070	75.501
Stack related	65.0 (13/20)	20.0 (4/20)	80.000	72.111
Average (Weighted)	19.799	2.852	97.148	43.857
Average (Unweighted)	25.602	5.065	94.935	49.300