

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

Tool or Tool Suite - Valgrind + Helgrind (Compiled with gcc)

Version - Bundled with valgrind-3.10.1, gcc-4.8.4

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	22.222 (24/108)	0.0 (0/108)	100.000	47.140
Misc	28.571 (10/35)	0.0 (0/35)	100.000	53.452
Resource management	57.292 (55/96)	0.0 (0/96)	100.000	75.691
Inappropriate code	1.563 (1/64)	0.0 (0/64)	100.000	12.502
Static memory	8.955 (6/67)	0.0 (0/67)	100.000	29.925
Pointer related	59.74 (46/77)	0.0 (0/77)	100.000	77.292
Concurrency	72.093 (31/43)	20.93 (9/43)	79.070	75.501
Stack related	70.0 (14/20)	20.0 (4/20)	80.000	74.833
Average (Weighted)	42.953	2.852	97.148	64.597
Average (Unweighted)	44.519	5.065	94.935	65.011