

Total Number of Benchmark Tests - 1196 (598 with defects, 598 without defects)
Tool or Tool Suite - Frama-C (Value Analysis Plugin)
Version - Magnesium-20151002

Defect Type	DR (defects reported / tests with defects)	FPR (defects reported / tests without defects)	100 - FPR	P
Dynamic memory	79.07 (68/86)	73.256 (63/86)	26.744	45.985
Numerical	78.704 (85/108)	52.778 (57/108)	47.222	60.964
Misc	82.857 (29/35)	51.429 (18/35)	48.571	63.439
Resource management	62.5 (60/96)	54.167 (52/96)	45.833	53.522
Inappropriate code	32.813 (21/64)	37.5 (24/64)	62.500	45.286
Static memory	82.09 (55/67)	4.478 (3/67)	95.522	88.552
Pointer related	80.519 (62/77)	59.74 (46/77)	40.260	56.936
Concurrency	6.977 (3/43)	0.0 (0/43)	100.000	26.414
Stack related	45.0 (9/20)	35.0 (7/20)	65.000	54.083
Average (Weighted)	65.772	45.302	54.698	59.980
Average (Unweighted)	61.170	40.928	59.072	60.112