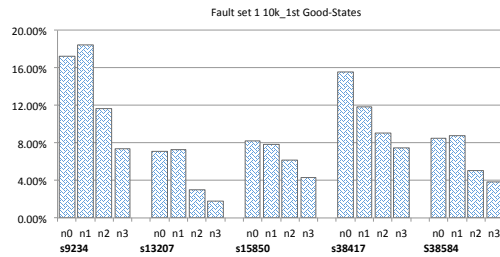
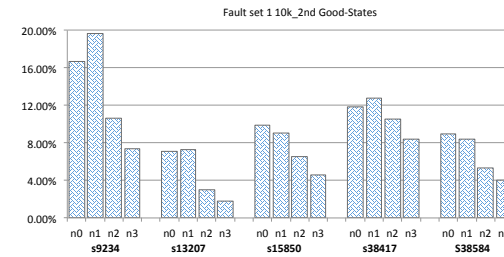


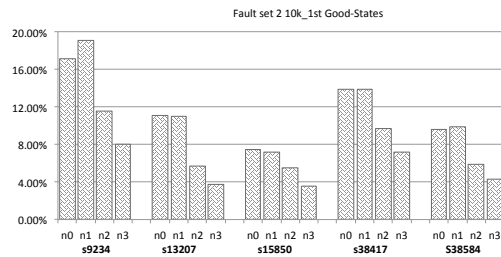
% increase in test length when non-functional cell-aware faults are included in fault set



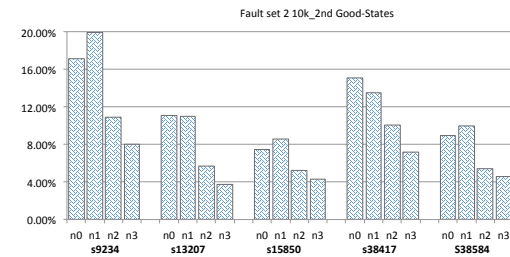
% increase in test length when non-functional cell-aware faults are included in fault set

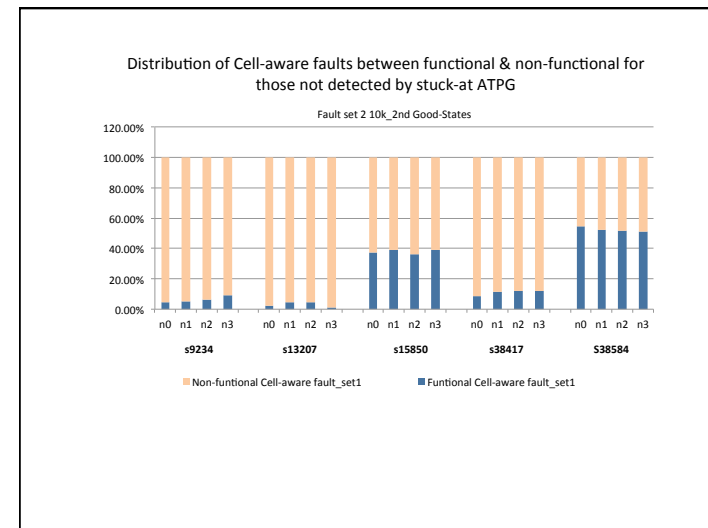
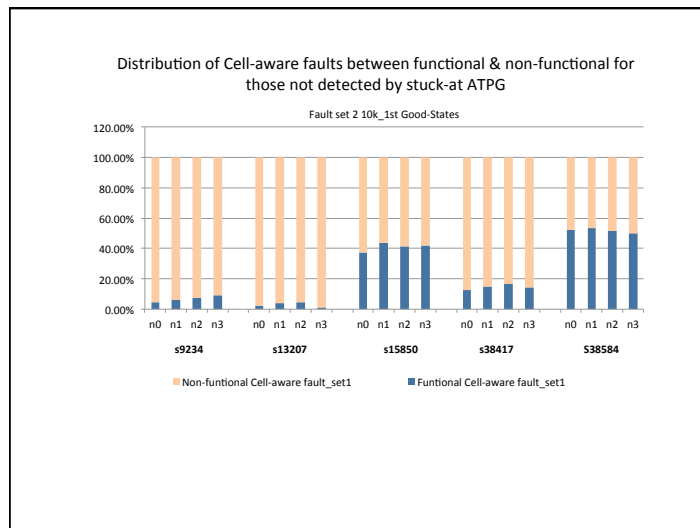
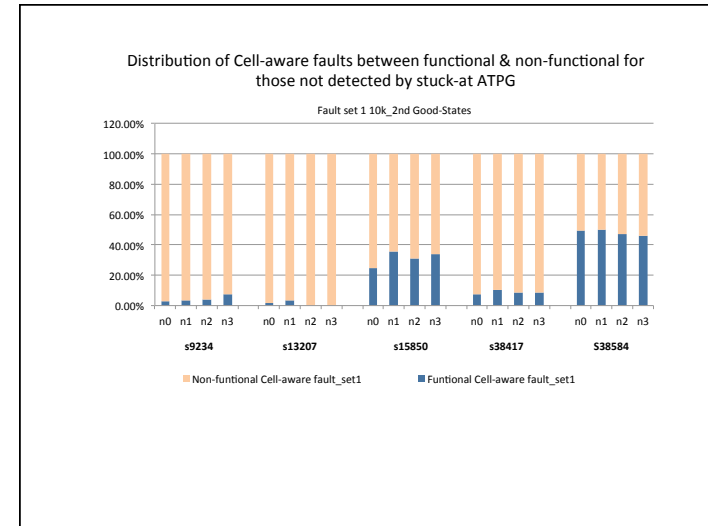
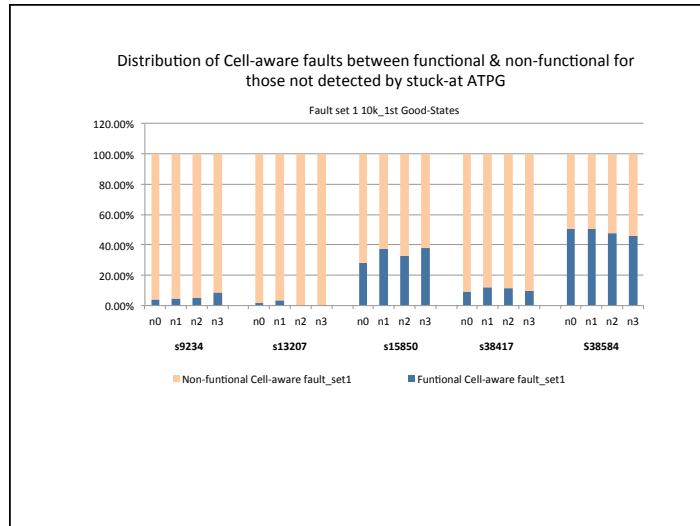


% increase in test length when non-functional cell-aware faults are included in fault set



% increase in test length when non-functional cell-aware faults are included in fault set

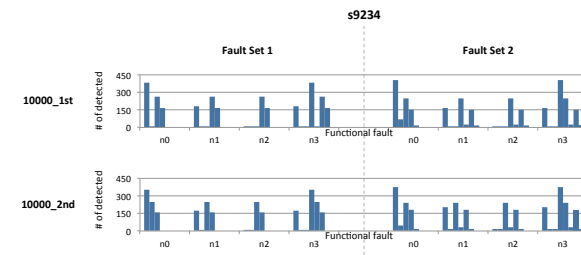




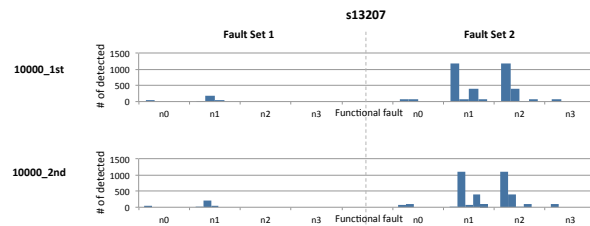
of functional faults table

Benchmark	s0204				s13207				s15850				s9234				s08094			
Stack of W function	n0	n1	n2	n3	n0	n1	n2	n3	n0	n1	n2	n3	n0	n1	n2	n3	n0	n1	n2	n3
Fault set 1																				
10k_1st	4	5	5	7	1	3	0	0	26	41	31	37	26	38	31	23	153	177	142	128
10k_2nd	3	4	4	6	1	3	0	0	23	39	29	33	21	33	26	20	149	175	141	126
Fault set 2																				
10k_1st	5	7	7	8	2	4	4	1	43	53	45	47	35	46	45	36	183	216	178	160
10k_2nd	5	6	6	8	2	5	4	1	43	47	39	44	23	36	33	30	180	212	177	163

Number of detections for each fault detected by Good-State patterns



Number of detections for each fault detected by Good-State patterns



Number of detections for each fault detected by Good-State patterns

