

<b>axTLS</b>	<b>Finding Variability Source Code</b>	<b>Finding Presence Conditions and Analysis</b>	<b>Finding Minimum Set of Configurations</b>
Run #1	1.68	7.15	2.64
Run #2	1.69	6.83	2.31
Run #3	1.87	7.38	2.64
Run #4	1.71	7.11	2.57
Run #5	1.75	6.96	2.44
Run #6	1.66	6.74	2.19
Run #7	1.64	6.79	2.34
Run #8	1.63	6.76	2.36
Run #9	1.62	6.78	2.44
Run #10	1.64	6.9	2.42
Run #11	1.68	6.98	2.39
Run #12	1.67	6.79	2.32
Run #13	1.67	6.77	2.39
Run #14	1.64	6.79	2.31
Run #15	1.63	6.88	2.42
Run #16	1.66	6.82	2.36
Run #17	1.64	6.72	2.29
Run #18	1.64	6.75	2.31
Run #19	1.65	6.8	2.36
Run #20	1.64	6.74	2.34
Run #21	1.65	6.78	2.37
Run #22	1.64	6.83	2.44
Run #23	1.65	6.75	2.31
Run #24	1.64	6.76	2.3
Run #25	1.64	6.75	2.32
Run #26	1.65	6.8	2.42
Run #27	1.65	6.79	2.34
Run #28	1.65	6.78	2.29
Run #29	1.65	6.75	2.32
Run #30	1.65	6.79	2.39
Run #31	1.64	6.81	2.45
Run #32	1.64	6.74	2.34
Run #33	1.65	6.73	2.32
Run #34	1.64	6.75	2.36
Run #35	1.68	6.9	2.43
Run #36	1.7	7.1	2.41
Run #37	1.63	6.79	2.32
Run #38	1.64	6.85	2.44
Run #39	1.67	6.88	2.44
Run #40	1.65	6.81	2.42
Run #41	1.65	6.79	2.41

Run #42	1.8	6.8	2.32
Run #43	1.65	6.87	2.48
Run #44	1.67	7.05	2.56
Run #45	1.66	6.84	2.36
Run #46	1.65	6.81	2.37
Run #47	1.65	6.83	2.42
Run #48	1.65	6.77	2.34
Run #49	1.66	6.78	2.35
Run #50	1.65	6.84	2.42
Run #51	1.65	6.78	2.34
Run #52	1.62	6.76	2.32
Run #53	1.67	6.82	2.42
Run #54	1.69	7.01	2.39
Run #55	1.69	6.81	2.4
Run #56	1.66	7.02	2.45
Run #57	1.69	7.33	2.6
Run #58	1.79	7.14	2.53
Run #59	1.67	6.78	2.35
Run #60	1.69	7.03	2.49
Run #61	1.7	6.96	2.53
Run #62	1.69	7.35	2.67
Run #63	1.86	6.97	2.48
Run #64	1.82	7.1	2.56
Run #65	1.68	6.96	2.56
Run #66	1.69	7.52	2.91
Run #67	1.82	7.03	2.54
Run #68	1.64	6.84	2.35
Run #69	1.64	7.09	2.47
Run #70	1.66	6.81	2.35
Run #71	1.67	6.9	2.51
Run #72	1.64	6.85	2.49
Run #73	1.67	6.88	2.34
Run #74	1.65	6.83	2.43
Run #75	1.65	6.89	2.48
Run #76	1.65	6.76	2.35
Run #77	1.66	6.8	2.37
Run #78	1.68	6.92	2.41
Run #79	1.68	6.86	2.48
Run #80	1.65	6.81	2.42
Run #81	1.65	6.76	2.33
Run #82	1.64	7.05	2.38
Run #83	1.64	6.82	2.37
Run #84	1.64	6.77	2.33
Run #85	1.63	6.87	2.47

Run #86	1.65	6.8	2.4
Run #87	1.65	6.82	2.43
Run #88	1.63	6.78	2.38
Run #89	1.63	6.82	2.44
Run #90	1.64	6.78	2.4
Run #91	1.65	6.77	2.33
Run #92	1.65	6.81	2.41
Run #93	1.66	6.78	2.34
Run #94	1.65	6.83	2.35
Run #95	1.66	6.78	2.33
Run #96	1.66	6.8	2.32
Run #97	1.65	6.78	2.33
Run #98	1.64	6.83	2.34
Run #99	1.64	6.7	2.29
Run #100	1.64	6.82	2.4
<b>Average Time in Seconds</b>	1.67	6.87	2.41
<b>Standard Deviation</b>	0.046	0.149	0.100

<b>cFE TIME</b>	<b>Finding Variability Source Code</b>	<b>Finding Presence Conditions and Analysis</b>	<b>Finding Minimum Set of Configurations</b>
Run #1	0.23	1.35	0.67
Run #2	0.22	1.36	0.65
Run #3	0.23	1.35	0.65
Run #4	0.23	1.37	0.69
Run #5	0.23	1.34	0.65
Run #6	0.23	1.34	0.67
Run #7	0.23	1.35	0.69
Run #8	0.23	1.35	0.69
Run #9	0.23	1.34	0.69
Run #10	0.23	1.35	0.67
Run #11	0.23	1.34	0.68
Run #12	0.23	1.35	0.7
Run #13	0.23	1.35	0.69
Run #14	0.22	1.33	0.66
Run #15	0.23	1.34	0.66
Run #16	0.22	1.34	0.64
Run #17	0.23	1.36	0.66
Run #18	0.23	1.33	0.65
Run #19	0.23	1.33	0.64
Run #20	0.23	1.35	0.67
Run #21	0.23	1.35	0.67
Run #22	0.23	1.33	0.66
Run #23	0.23	1.36	0.65
Run #24	0.23	1.34	0.68
Run #25	0.23	1.36	0.69
Run #26	0.24	1.36	0.69
Run #27	0.23	1.34	0.64
Run #28	0.24	1.37	0.7
Run #29	0.23	1.37	0.66
Run #30	0.23	1.34	0.65
Run #31	0.23	1.37	0.68
Run #32	0.23	1.36	0.69
Run #33	0.23	1.36	0.67
Run #34	0.23	1.32	0.65
Run #35	0.23	1.35	0.67
Run #36	0.24	1.35	0.65
Run #37	0.23	1.36	0.69
Run #38	0.23	1.35	0.68
Run #39	0.23	1.35	0.67
Run #40	0.23	1.35	0.67

Run #41	0.23	1.36	0.68
Run #42	0.23	1.35	0.65
Run #43	0.23	1.34	0.63
Run #44	0.23	1.34	0.65
Run #45	0.23	1.35	0.69
Run #46	0.23	1.33	0.65
Run #47	0.24	1.38	0.71
Run #48	0.23	1.35	0.64
Run #49	0.23	1.35	0.67
Run #50	0.23	1.35	0.69
Run #51	0.23	1.36	0.69
Run #52	0.24	1.36	0.68
Run #53	0.23	1.36	0.69
Run #54	0.24	1.35	0.66
Run #55	0.23	1.34	0.66
Run #56	0.22	1.36	0.67
Run #57	0.23	1.38	0.69
Run #58	0.23	1.34	0.68
Run #59	0.22	1.34	0.65
Run #60	0.23	1.34	0.67
Run #61	0.23	1.57	0.65
Run #62	0.22	1.35	0.67
Run #63	0.23	1.35	0.66
Run #64	0.23	1.33	0.68
Run #65	0.23	1.34	0.69
Run #66	0.23	1.34	0.66
Run #67	0.23	1.36	0.64
Run #68	0.23	1.33	0.64
Run #69	0.23	1.35	0.68
Run #70	0.23	1.34	0.64
Run #71	0.23	1.34	0.66
Run #72	0.23	1.37	0.7
Run #73	0.23	1.33	0.66
Run #74	0.23	1.33	0.65
Run #75	0.23	1.37	0.69
Run #76	0.23	1.33	0.64
Run #77	0.23	1.37	0.69
Run #78	0.23	1.36	0.65
Run #79	0.25	1.43	0.72
Run #80	0.23	1.37	0.71
Run #81	0.24	1.43	0.7
Run #82	0.23	1.4	0.71
Run #83	0.23	1.37	0.7
Run #84	0.23	1.35	0.71

Run #85	0.23	1.35	0.69
Run #86	0.23	1.39	0.73
Run #87	0.24	1.4	0.71
Run #88	0.24	1.35	0.66
Run #89	0.24	1.34	0.66
Run #90	0.23	1.36	0.68
Run #91	0.23	1.41	0.75
Run #92	0.24	1.39	0.7
Run #93	0.23	1.35	0.65
Run #94	0.23	1.36	0.69
Run #95	0.23	1.35	0.69
Run #96	0.23	1.35	0.7
Run #97	0.23	1.37	0.69
Run #98	0.25	1.39	0.7
Run #99	0.23	1.34	0.66
Run #100	0.23	1.34	0.67
<b>Average Time in Seconds</b>	0.23	1.36	0.67
<b>Standard Deviation</b>	0.005	0.029	0.023

<b>BusyBox-Editors</b>	<b>Finding Variability Source Code</b>	<b>Finding Presence Conditions and Analysis</b>	<b>Finding Minimum Set of Configurations</b>
Run #1	0.24	2.15	0.81
Run #2	0.24	2.14	0.8
Run #3	0.24	2.17	0.83
Run #4	0.23	2.17	0.82
Run #5	0.23	2.14	0.79
Run #6	0.23	2.15	0.83
Run #7	0.23	2.16	0.82
Run #8	0.23	2.16	0.82
Run #9	0.23	2.18	0.82
Run #10	0.23	2.16	0.78
Run #11	0.23	2.14	0.82
Run #12	0.23	2.16	0.8
Run #13	0.23	2.12	0.78
Run #14	0.23	2.14	0.82
Run #15	0.23	2.14	0.8
Run #16	0.23	2.14	0.81
Run #17	0.23	2.17	0.83
Run #18	0.24	2.14	0.82
Run #19	0.23	2.13	0.82
Run #20	0.23	2.11	0.79
Run #21	0.24	2.12	0.79
Run #22	0.23	2.15	0.82
Run #23	0.23	2.14	0.82
Run #24	0.23	2.12	0.79
Run #25	0.23	2.18	0.83
Run #26	0.23	2.14	0.84
Run #27	0.23	2.13	0.82
Run #28	0.23	2.15	0.83
Run #29	0.23	2.12	0.79
Run #30	0.23	2.13	0.82
Run #31	0.24	2.13	0.81
Run #32	0.25	2.14	0.83
Run #33	0.23	2.15	0.81
Run #34	0.24	2.12	0.83
Run #35	0.23	2.15	0.81
Run #36	0.24	2.16	0.82
Run #37	0.23	2.15	0.81
Run #38	0.23	2.13	0.79
Run #39	0.23	2.14	0.78
Run #40	0.24	2.13	0.81

Run #41	0.23	2.12	0.8
Run #42	0.23	2.12	0.77
Run #43	0.23	2.1	0.78
Run #44	0.24	2.12	0.83
Run #45	0.23	2.15	0.83
Run #46	0.23	2.12	0.79
Run #47	0.24	2.16	0.83
Run #48	0.23	2.13	0.79
Run #49	0.23	2.14	0.82
Run #50	0.23	2.14	0.82
Run #51	0.24	2.12	0.81
Run #52	0.23	2.14	0.82
Run #53	0.23	2.15	0.84
Run #54	0.23	2.15	0.86
Run #55	0.24	2.13	0.83
Run #56	0.23	2.15	0.82
Run #57	0.23	2.11	0.78
Run #58	0.23	2.16	0.8
Run #59	0.23	2.15	0.79
Run #60	0.23	2.12	0.81
Run #61	0.24	2.12	0.84
Run #62	0.23	2.13	0.78
Run #63	0.23	2.13	0.79
Run #64	0.23	2.13	0.79
Run #65	0.23	2.15	0.83
Run #66	0.23	2.13	0.77
Run #67	0.23	2.14	0.81
Run #68	0.23	2.14	0.83
Run #69	0.23	2.14	0.82
Run #70	0.27	2.37	0.9
Run #71	0.23	2.17	0.83
Run #72	0.23	2.12	0.82
Run #73	0.23	2.13	0.81
Run #74	0.24	2.13	0.8
Run #75	0.23	2.11	0.77
Run #76	0.23	2.15	0.82
Run #77	0.23	2.11	0.78
Run #78	0.23	2.12	0.8
Run #79	0.23	2.13	0.83
Run #80	0.23	2.14	0.82
Run #81	0.24	2.12	0.82
Run #82	0.23	2.14	0.78
Run #83	0.23	2.17	0.85
Run #84	0.23	2.14	0.81



Run #85	0.23	2.13	0.83
Run #86	0.23	2.12	0.8
Run #87	0.23	2.13	0.83
Run #88	0.23	2.13	0.82
Run #89	0.23	2.13	0.82
Run #90	0.23	2.14	0.83
Run #91	0.23	2.15	0.81
Run #92	0.24	2.14	0.82
Run #93	0.23	2.09	0.77
Run #94	0.23	2.14	0.8
Run #95	0.23	2.11	0.79
Run #96	0.23	2.11	0.78
Run #97	0.24	2.16	0.82
Run #98	0.24	2.14	0.8
Run #99	0.24	2.14	0.79
Run #100	0.23	2.18	0.83
<b>Average Time in Seconds</b>	0.23	2.14	0.81
<b>Standard Deviation</b>	0.006	0.029	0.021

<b>BusyBox- Coreutils</b>	<b>Finding Variability Source Code</b>	<b>Finding Presence Conditions and Analysis</b>	<b>Finding Minimum Set of Configurations</b>
Run #1	2.17	10.25	1.83
Run #2	2.17	10.26	1.8
Run #3	2.17	10.29	1.87
Run #4	2.19	10.27	1.85
Run #5	2.18	10.25	1.8
Run #6	2.18	10.29	1.78
Run #7	2.19	10.26	1.83
Run #8	2.16	10.32	1.9
Run #9	2.16	10.29	1.83
Run #10	2.15	10.17	1.78
Run #11	2.15	10.24	1.8
Run #12	2.18	10.27	1.85
Run #13	2.23	10.38	1.79
Run #14	2.17	10.25	1.82
Run #15	2.18	10.27	1.83
Run #16	2.18	10.46	1.84
Run #17	2.18	10.28	1.84
Run #18	2.16	10.28	1.8
Run #19	2.16	10.26	1.84
Run #20	2.17	10.27	1.81
Run #21	2.17	10.28	1.83
Run #22	2.16	10.33	1.88
Run #23	2.18	10.21	1.77
Run #24	2.17	10.32	1.91
Run #25	2.21	10.27	1.84
Run #26	2.17	10.28	1.84
Run #27	2.18	10.56	1.89
Run #28	2.17	10.23	1.81
Run #29	2.16	10.36	1.9
Run #30	2.16	10.37	1.88
Run #31	2.18	10.29	1.85
Run #32	2.17	10.33	1.85
Run #33	2.17	10.27	1.8
Run #34	2.19	10.25	1.8
Run #35	2.17	10.27	1.84
Run #36	2.17	10.32	1.83
Run #37	2.17	10.25	1.77
Run #38	2.18	10.27	1.79
Run #39	2.16	10.17	1.8
Run #40	2.18	10.28	1.9

Run #41	2.17	10.3	1.86
Run #42	2.19	10.3	1.85
Run #43	2.17	10.21	1.8
Run #44	2.16	10.23	1.84
Run #45	2.23	10.26	1.79
Run #46	2.19	10.3	1.84
Run #47	2.17	10.26	1.89
Run #48	2.17	10.33	1.85
Run #49	2.15	10.26	1.89
Run #50	2.17	10.21	1.82
Run #51	2.17	10.43	1.78
Run #52	2.18	10.52	1.89
Run #53	2.16	10.32	1.89
Run #54	2.19	10.34	1.93
Run #55	2.16	10.24	1.83
Run #56	2.17	10.23	1.83
Run #57	2.15	10.2	1.78
Run #58	2.16	10.24	1.78
Run #59	2.16	10.24	1.8
Run #60	2.17	10.29	1.88
Run #61	2.16	10.27	1.85
Run #62	2.18	10.29	1.83
Run #63	2.19	10.24	1.83
Run #64	2.17	10.24	1.8
Run #65	2.16	10.23	1.81
Run #66	2.17	10.27	1.84
Run #67	2.17	10.3	1.85
Run #68	2.17	10.26	1.84
Run #69	2.18	10.28	1.89
Run #70	2.16	10.26	1.8
Run #71	2.17	10.24	1.82
Run #72	2.17	10.31	1.87
Run #73	2.19	10.24	1.83
Run #74	2.17	10.26	1.86
Run #75	2.18	10.23	1.79
Run #76	2.15	10.28	1.88
Run #77	2.17	10.27	1.83
Run #78	2.16	10.28	1.84
Run #79	2.17	10.25	1.81
Run #80	2.18	10.27	1.82
Run #81	2.16	10.25	1.8
Run #82	2.18	10.21	1.83
Run #83	2.17	10.29	1.9
Run #84	2.18	10.34	1.83

Run #85	2.17	10.24	1.85
Run #86	2.17	10.3	1.82
Run #87	2.17	10.25	1.82
Run #88	2.17	10.57	1.84
Run #89	2.17	10.29	1.84
Run #90	2.19	10.25	1.83
Run #91	2.16	10.34	1.9
Run #92	2.18	10.43	1.8
Run #93	2.17	10.26	1.78
Run #94	2.17	10.29	1.82
Run #95	2.16	10.32	1.85
Run #96	2.19	10.23	1.79
Run #97	2.15	10.28	1.83
Run #98	2.17	10.23	1.79
Run #99	2.17	10.35	1.9
Run #100	2.18	10.25	1.84
<b>Average Time in Seconds</b>	2.17	10.28	1.83
<b>Standard Deviation</b>	0.014	0.068	0.036