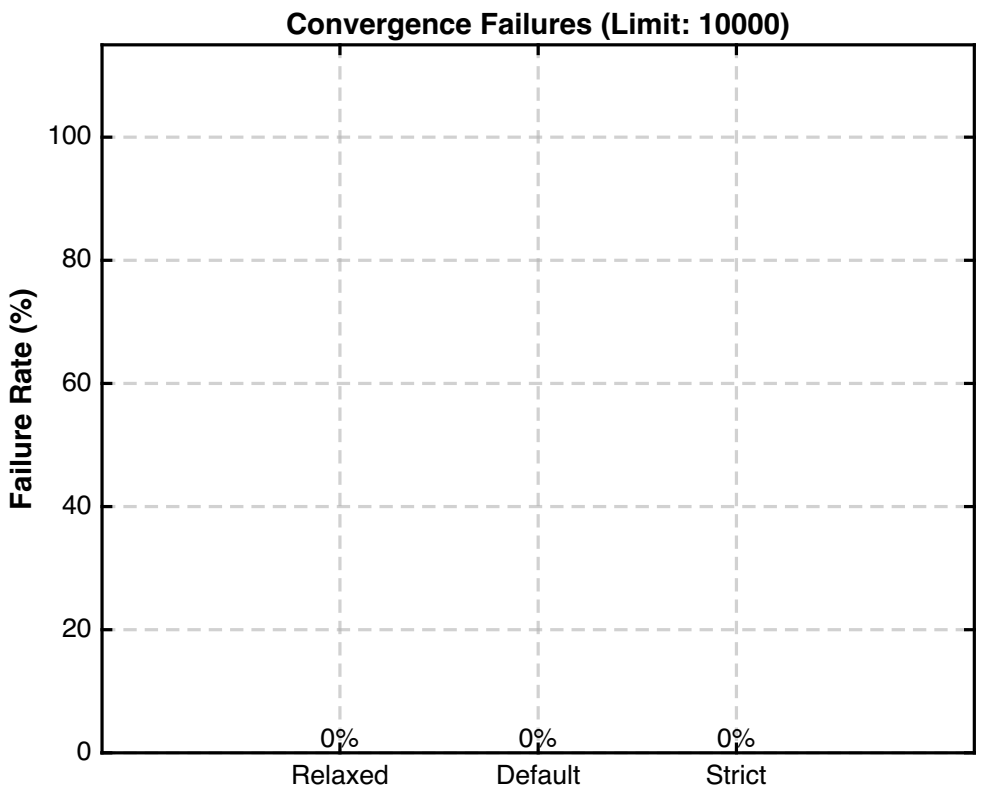
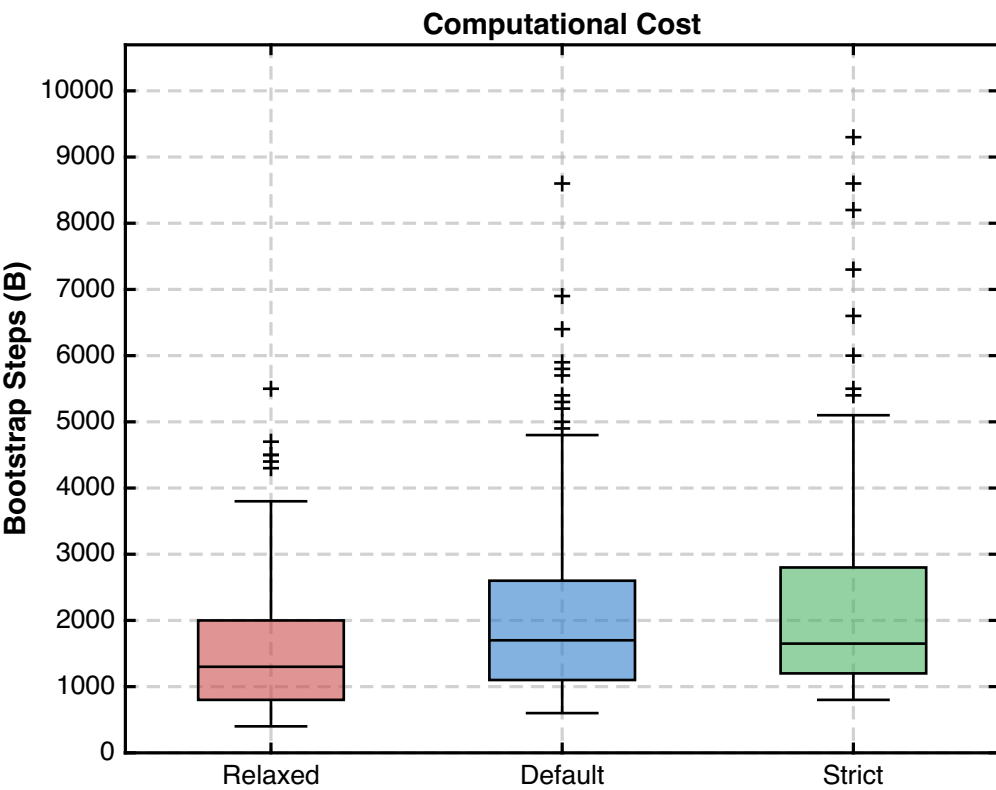
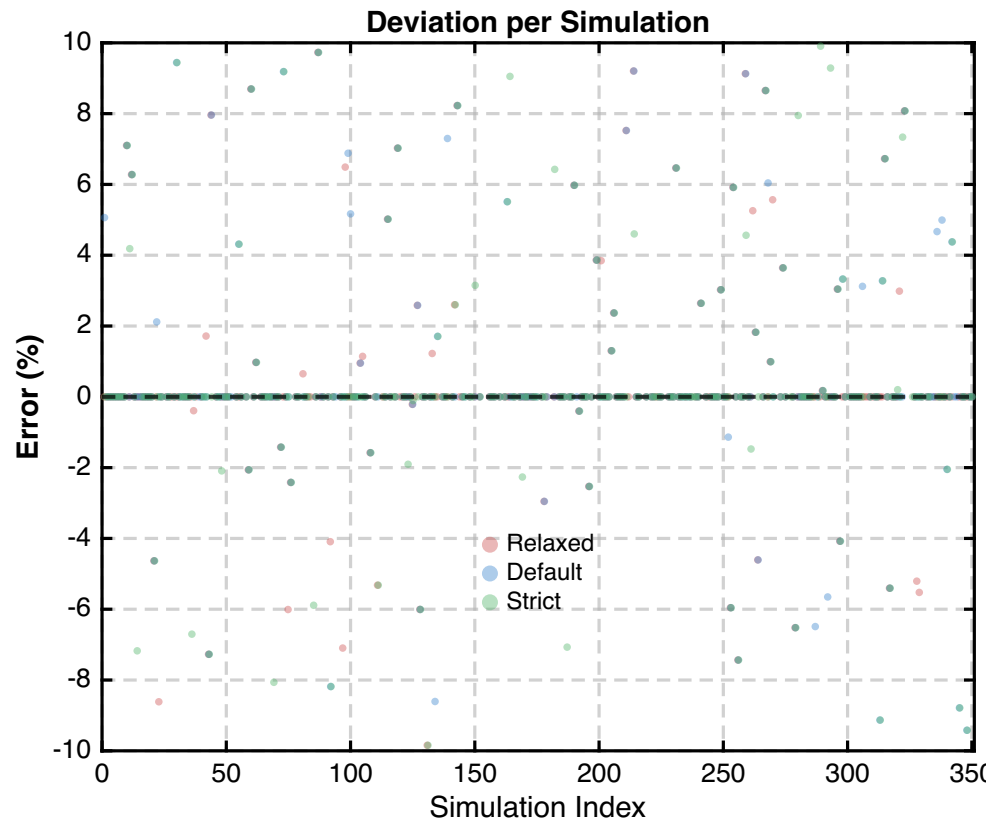
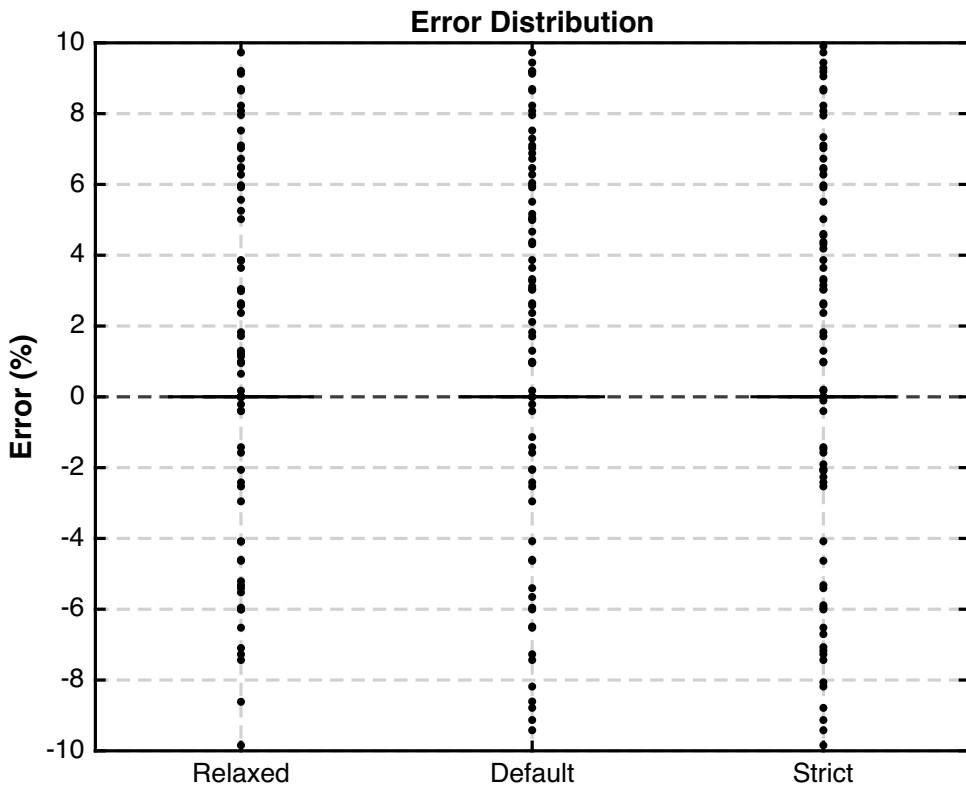


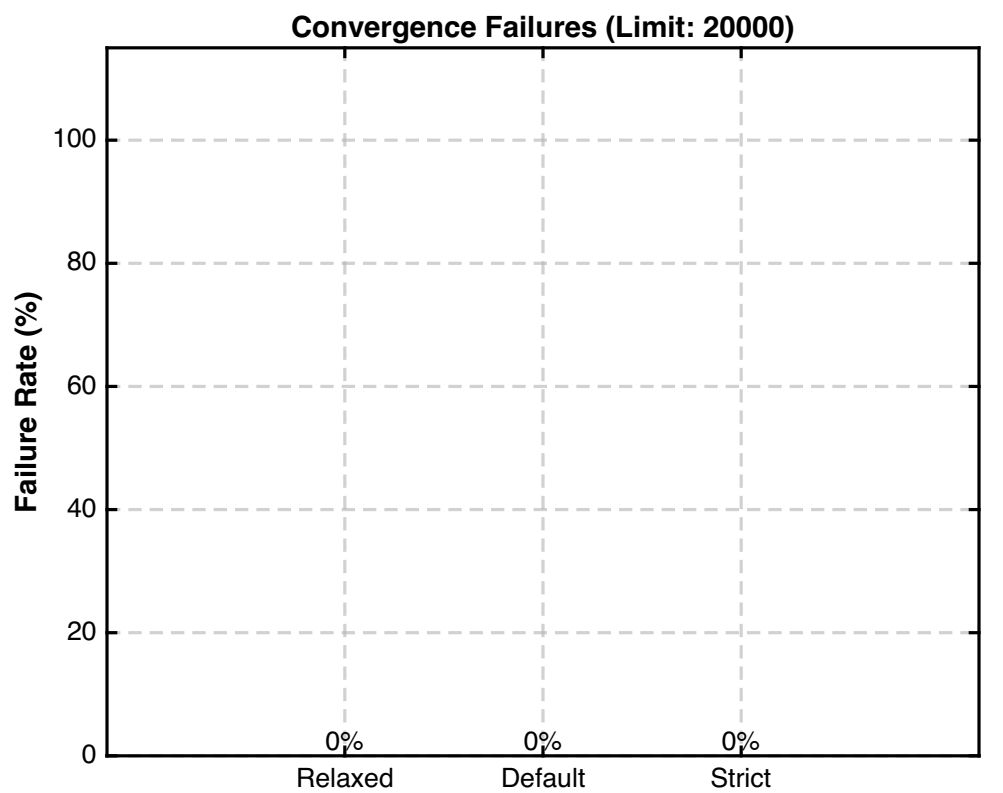
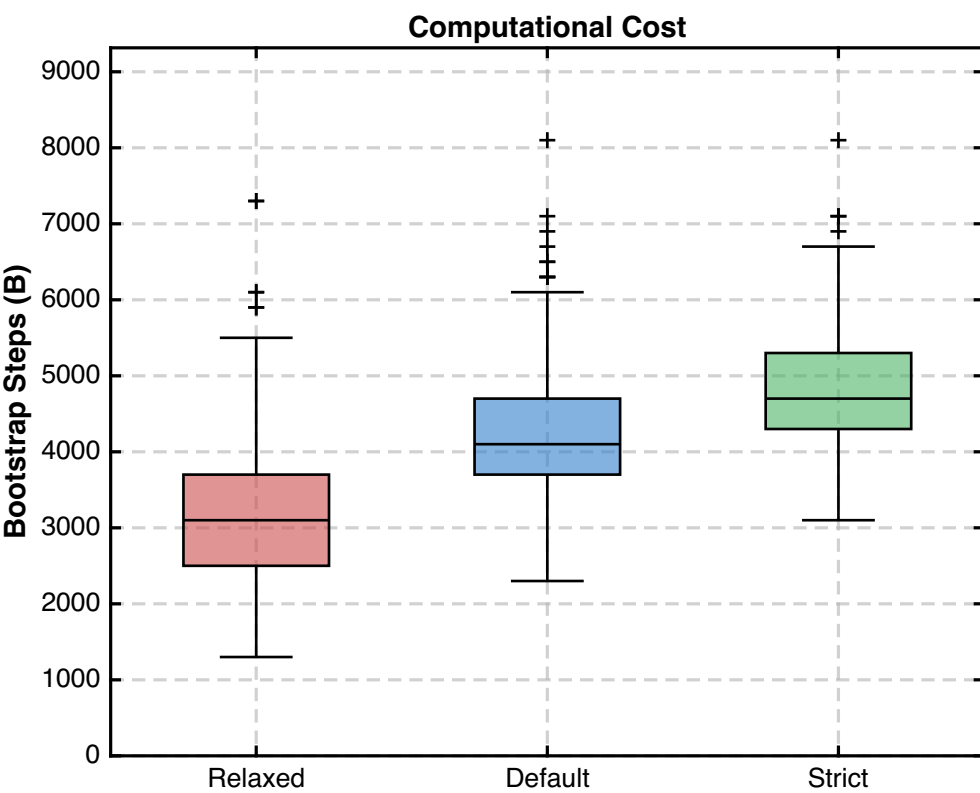
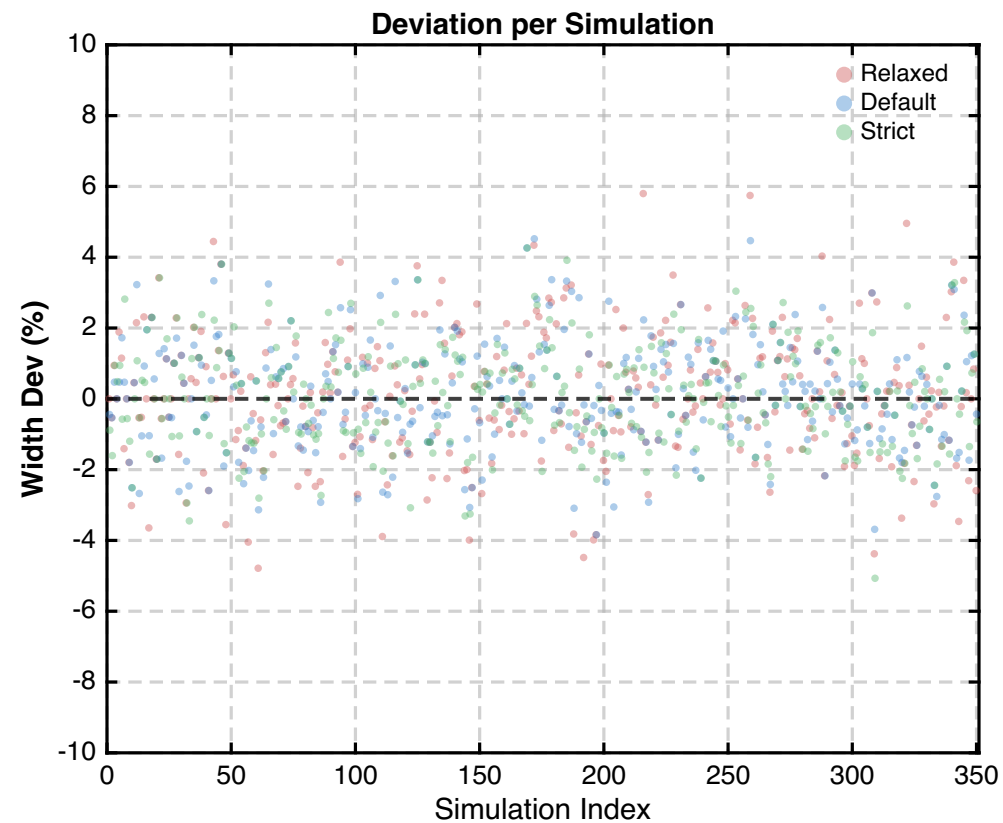
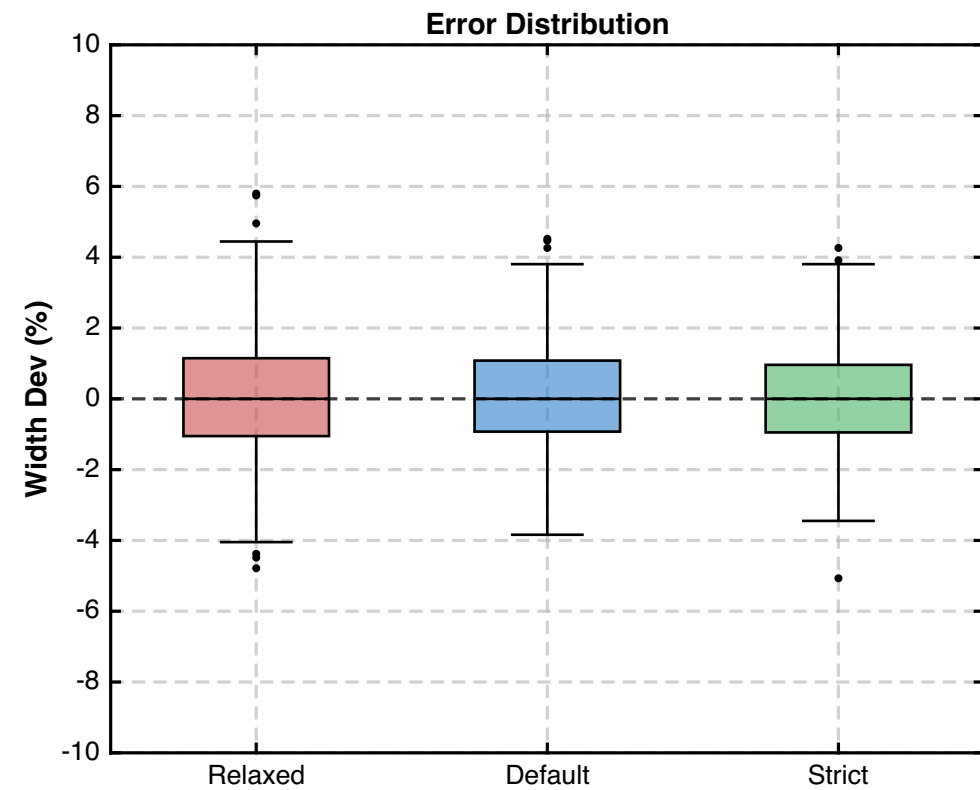
Configuration: Data Scenarios				
Scenario Name		N	Distribution	Data Summary
1	N = 25 (Normal)	25	Normal	6 Datasets, Means 10-15, SD = 2.0
2	N = 50 (Normal)	50	Normal	6 Datasets, Means 10-15, SD = 2.0
3	N = 100 (Normal)	100	Normal	6 Datasets, Means 10-15, SD = 2.0
4	N = 50 (Skewed)	50	LogNormal	6 Datasets, Means 2.0-2.5 (Log), SD = 0.4 (Log)
5	N = 50 (Likert)	50	Likert	6 Datasets, Scale 1-7, Means 3-5, SD = 1.5
6	N = 50 (Bimodal)	50	Bimodal	6 Datasets, Mix Means 10 & 15, SD = 2.7
7	N = 50 (Large Effect)	50	NormalLarge	6 Datasets, Means 10-20.0, SD = 2.0

Configuration: Method Parameters			
References (B): Thresholds = 15000 BCa = 30000 Ranking = 5000			
Parameter Set	Relaxed	Default	Strict
1. Bootstrap Thresholds			
Trials (n)	15	25	35
Smoothing (sm)	2	3	4
Streak (st)	2	3	4
Tolerance (tol)	0.010	0.010	0.010
Step Size (B)	100	100	100
B Range	[100-10000]	[100-10000]	[100-10000]
2. BCa Confidence Intervals			
Trials (n)	20	30	40
Smoothing (sm)	2	3	4
Streak (st)	2	3	4
Tolerance (tol)	0.030	0.030	0.030
Step Size (B)	200	200	200
B Range	[100-20000]	[100-20000]	[100-20000]
3. Ranking Stability			
Trials (n)	10	15	20
Smoothing (sm)	2	3	4
Streak (st)	2	3	4
Tolerance (tol)	0.005	0.005	0.005
Step Size (B)	25	25	25
B Range	[50-2000]	[50-2000]	[50-2000]

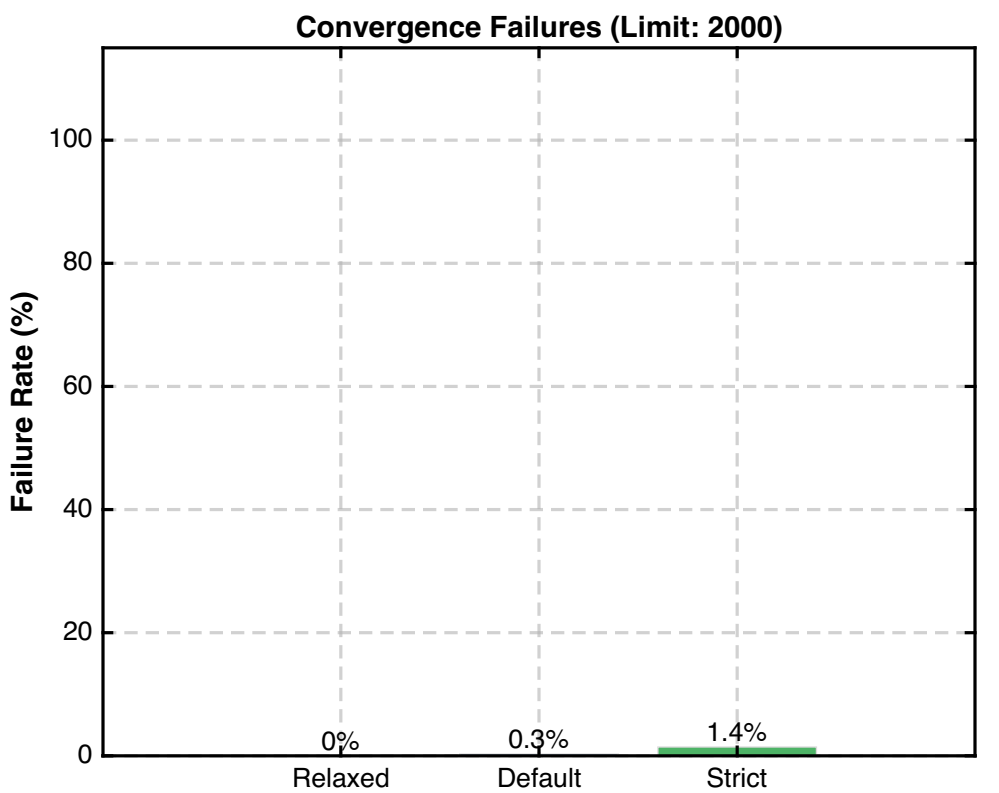
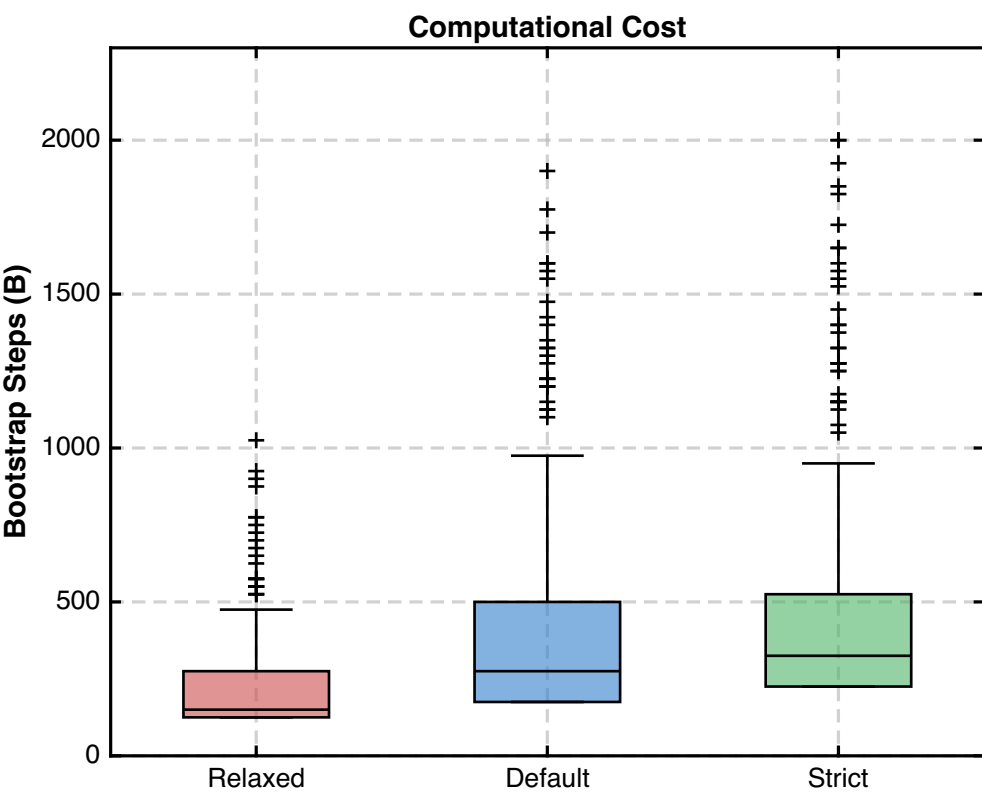
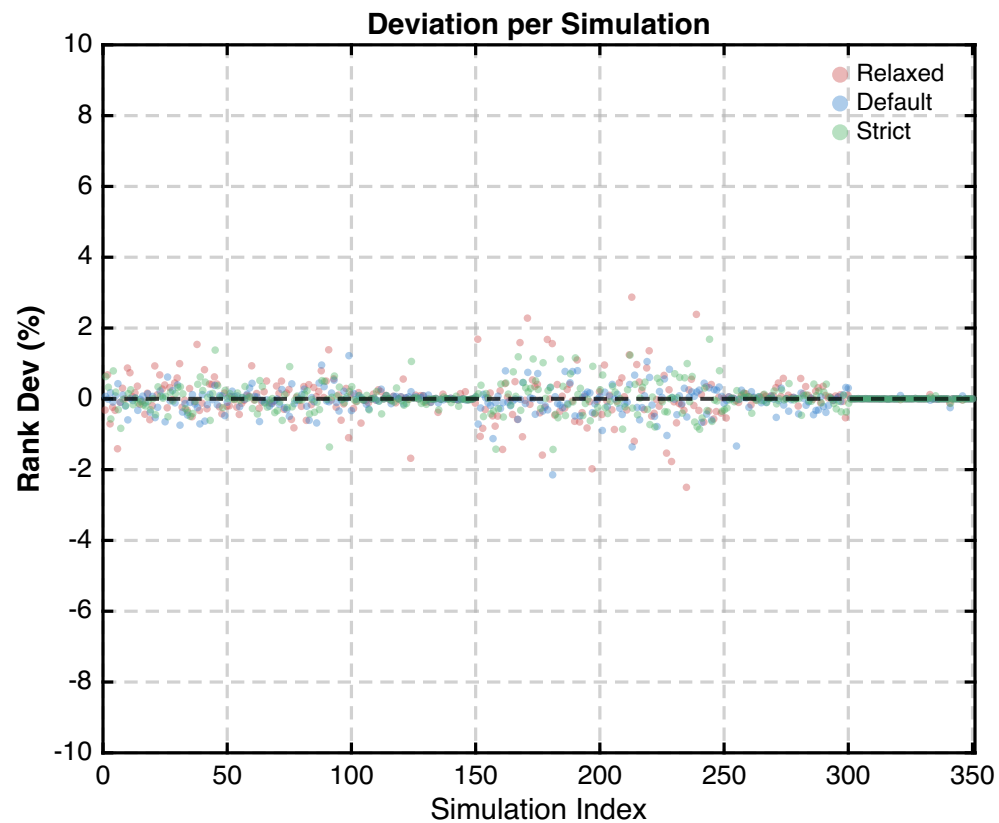
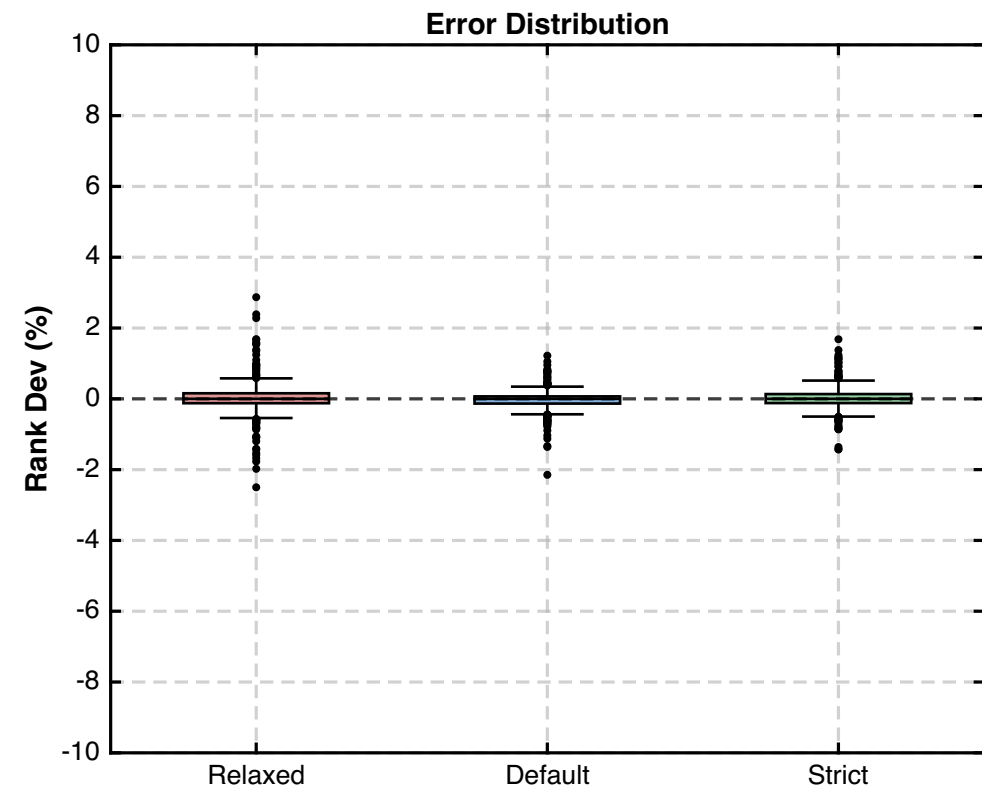
Thresholds (Delta) Analysis: Global Summary (Ref B = 15000)



BCa CI (Width) Analysis: Global Summary (Ref B = 30000)

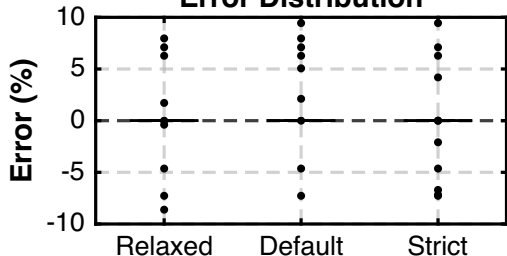


Ranking (Mean) Analysis: Global Summary (Ref B = 5000)

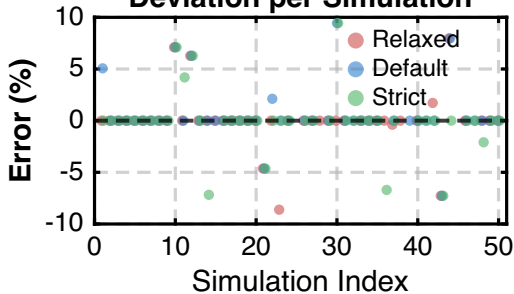


Thresholds (Delta) Analysis: N 25 Normal

Error Distribution

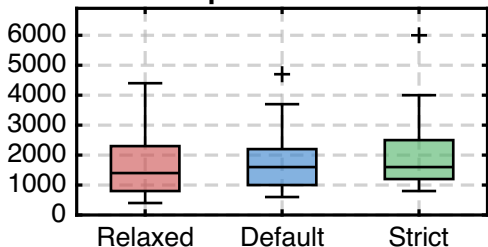


Deviation per Simulation

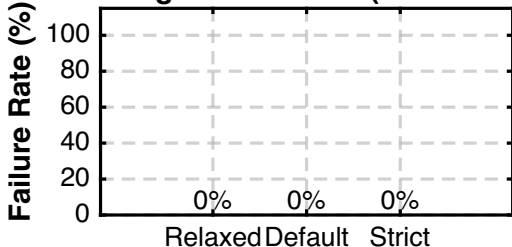


Computational Cost

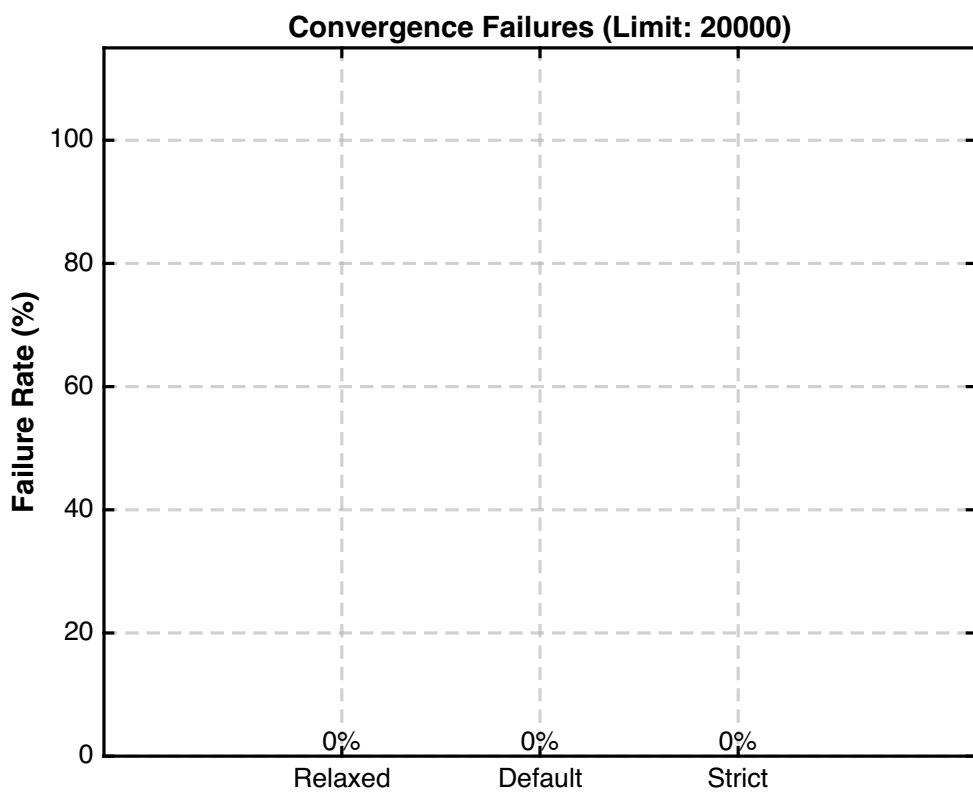
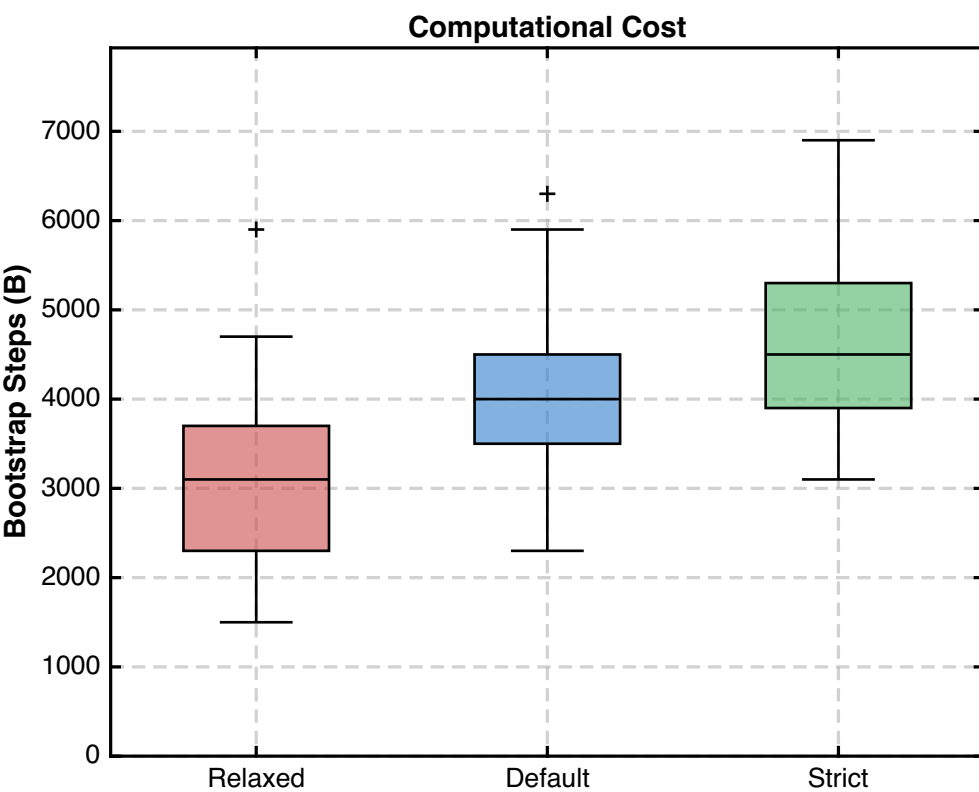
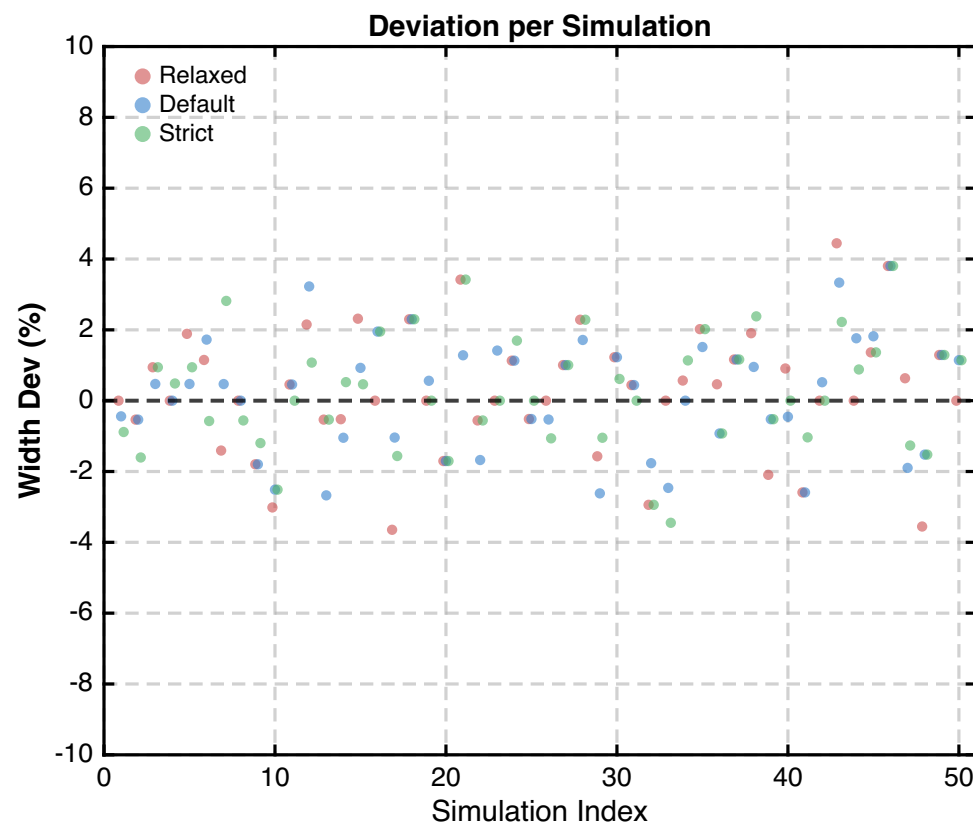
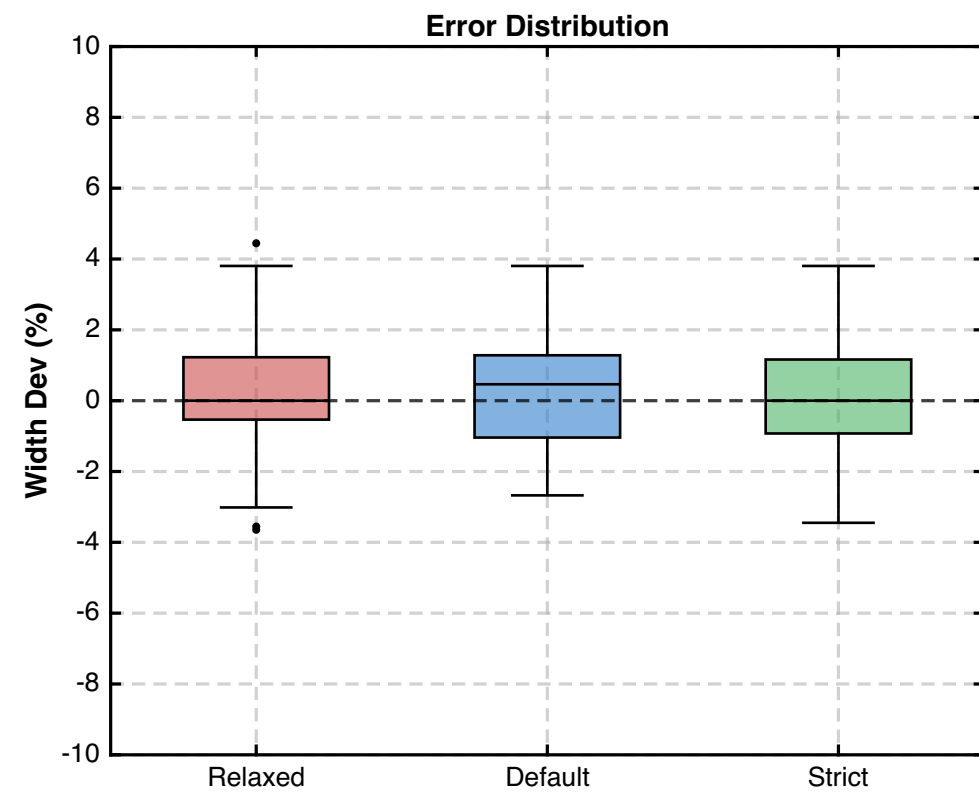
Bootstrap Steps (B)



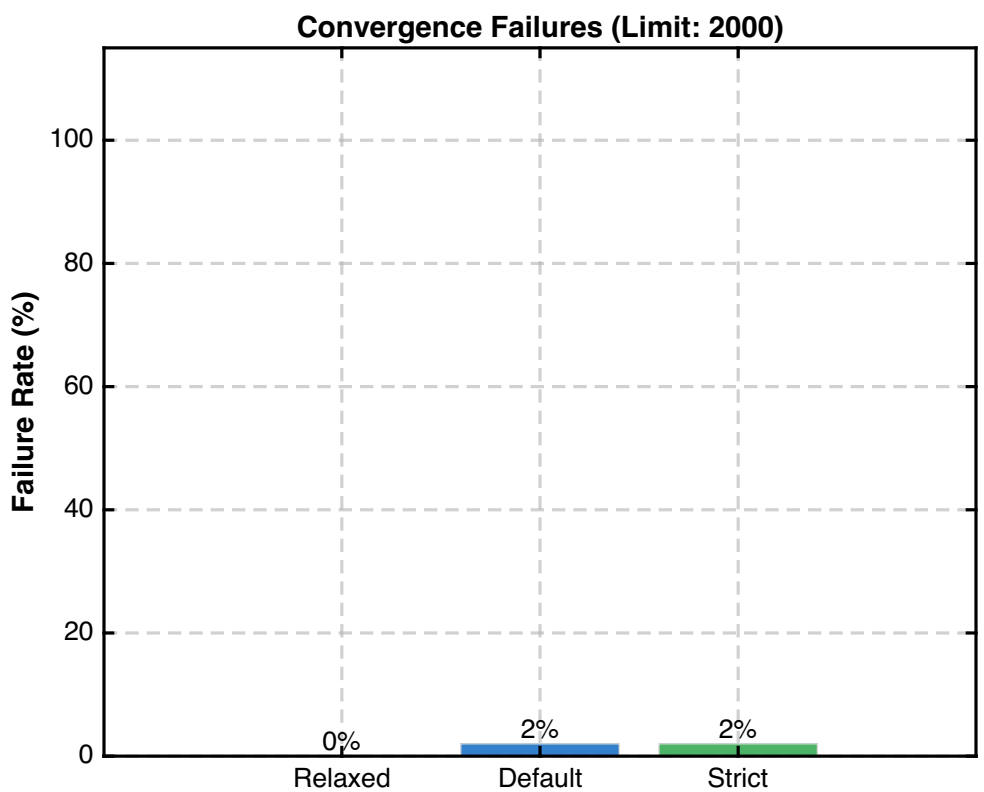
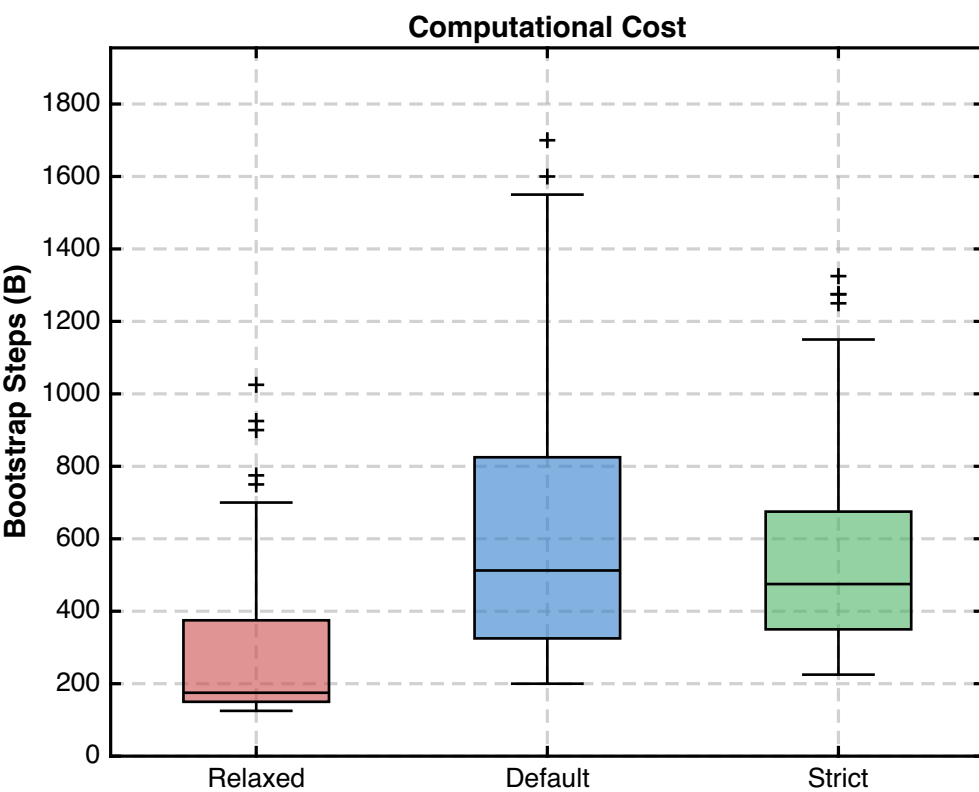
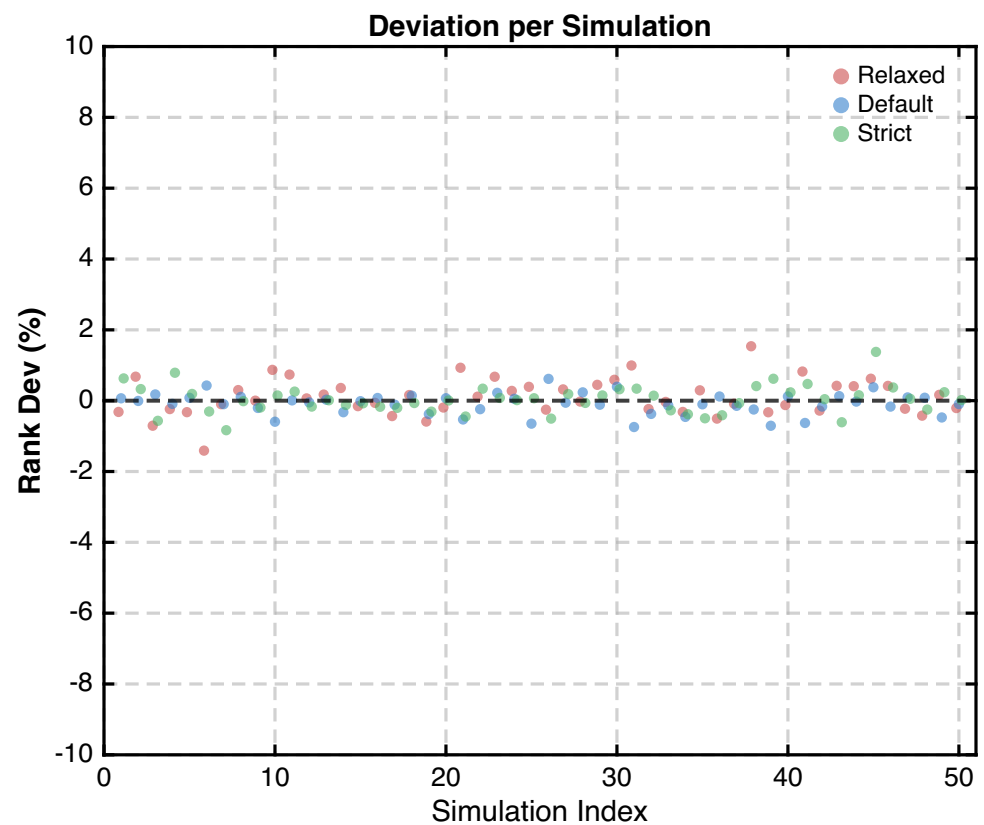
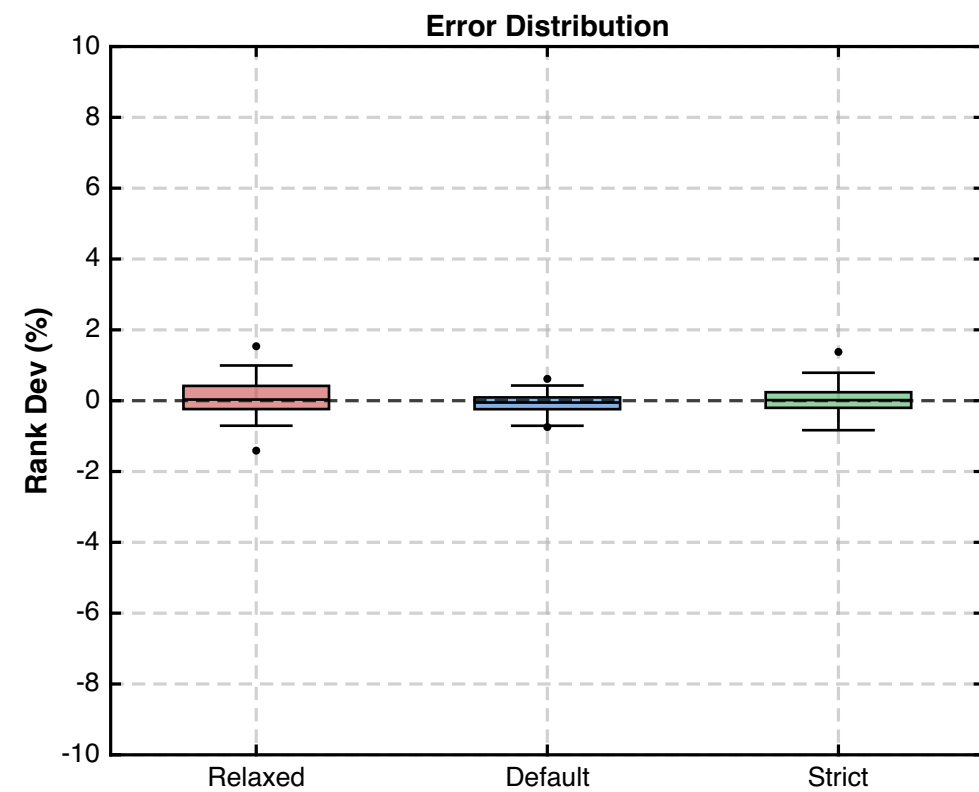
Convergence Failures (Limit: 10000)



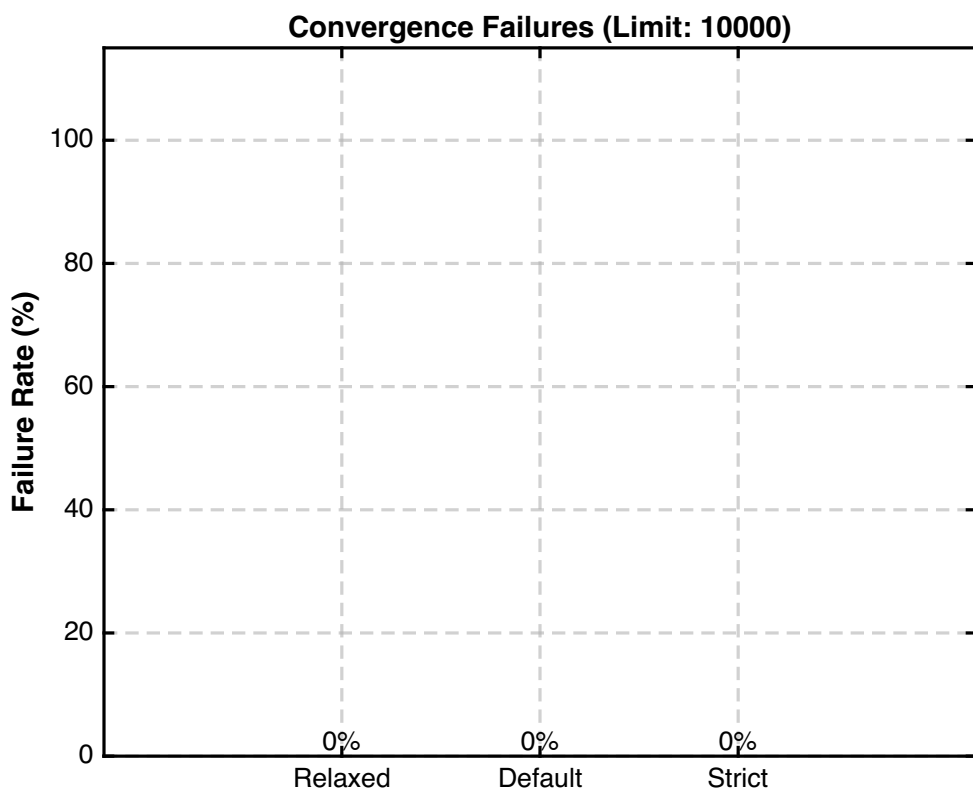
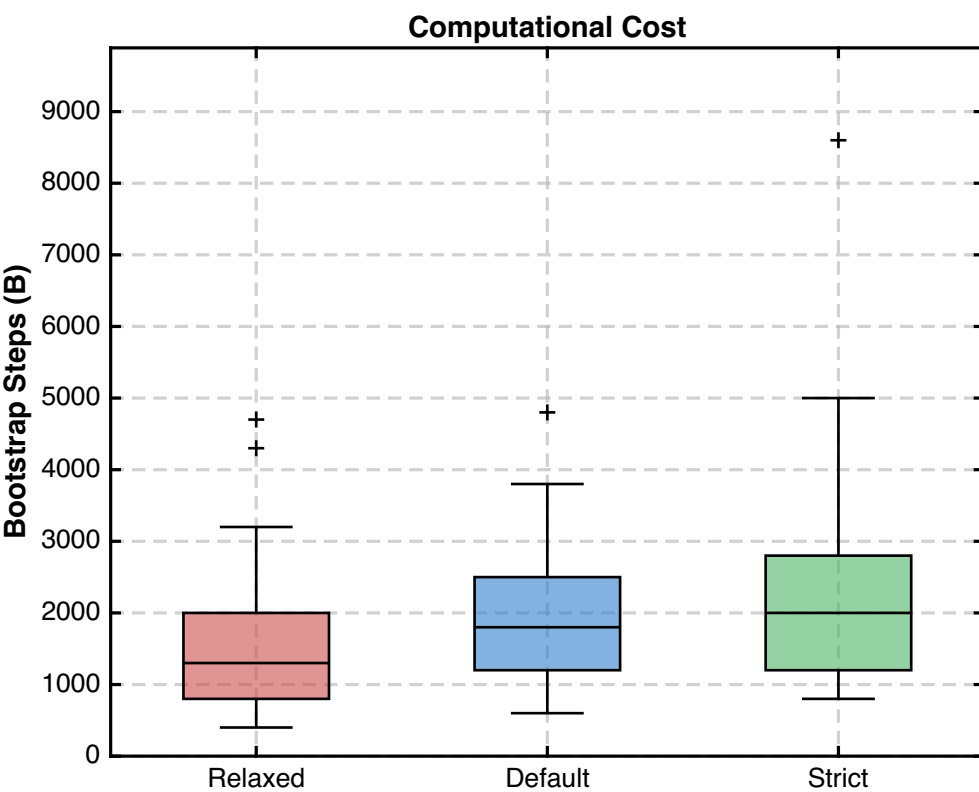
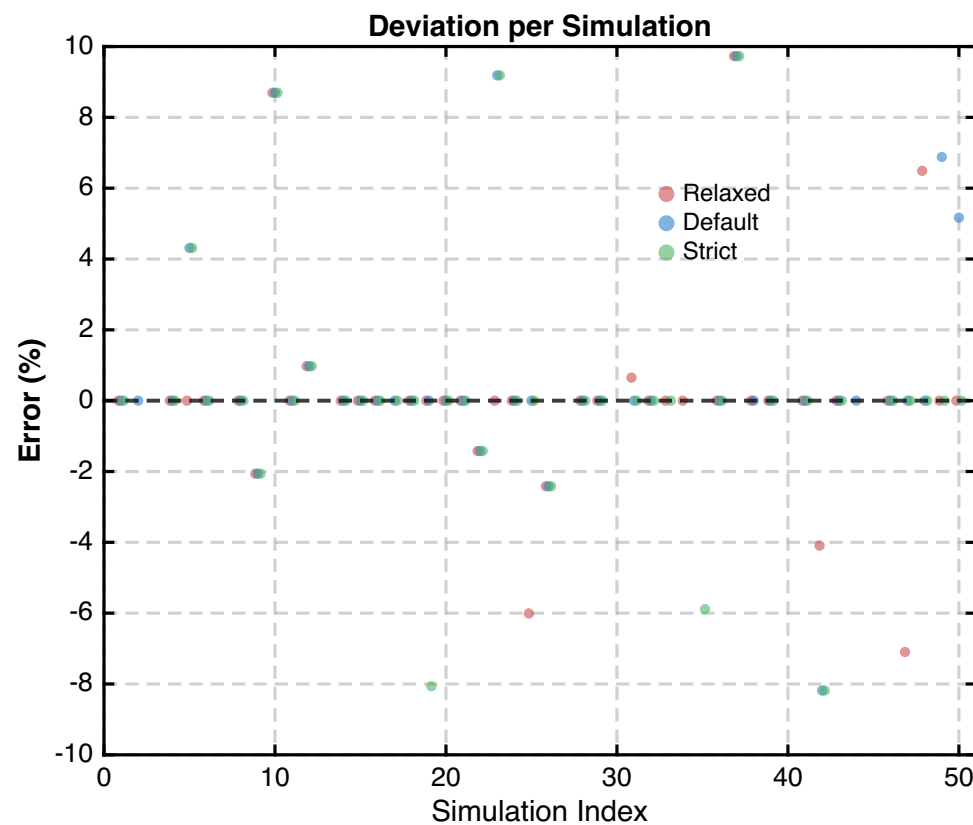
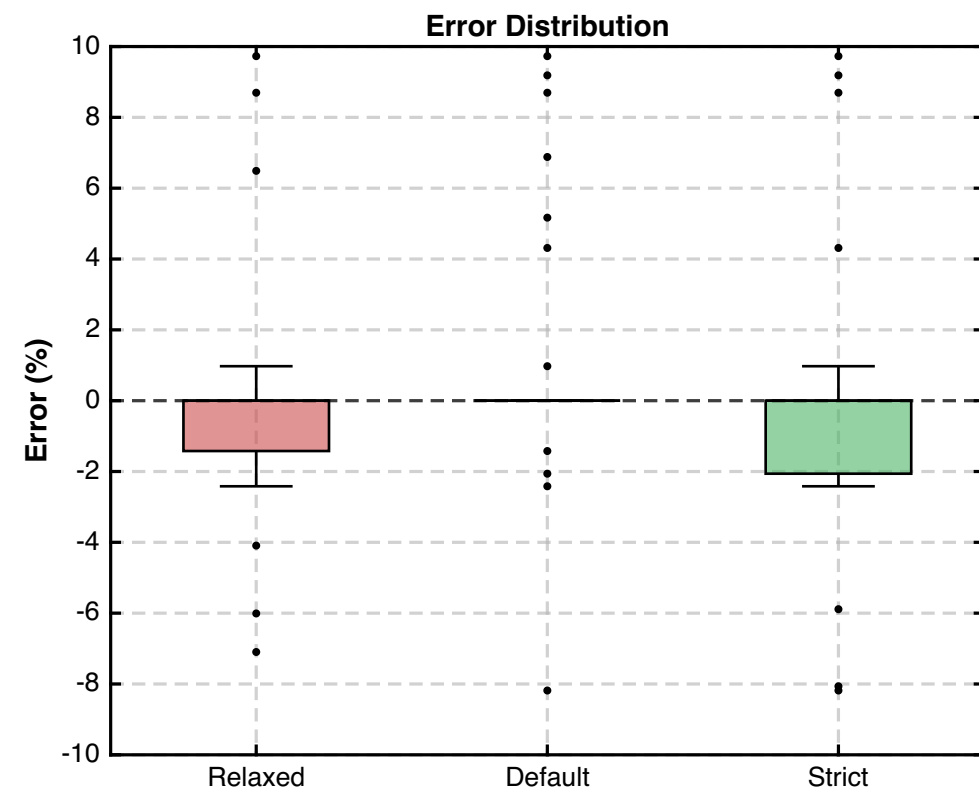
BCa CI (Width) Analysis: N 25 Normal



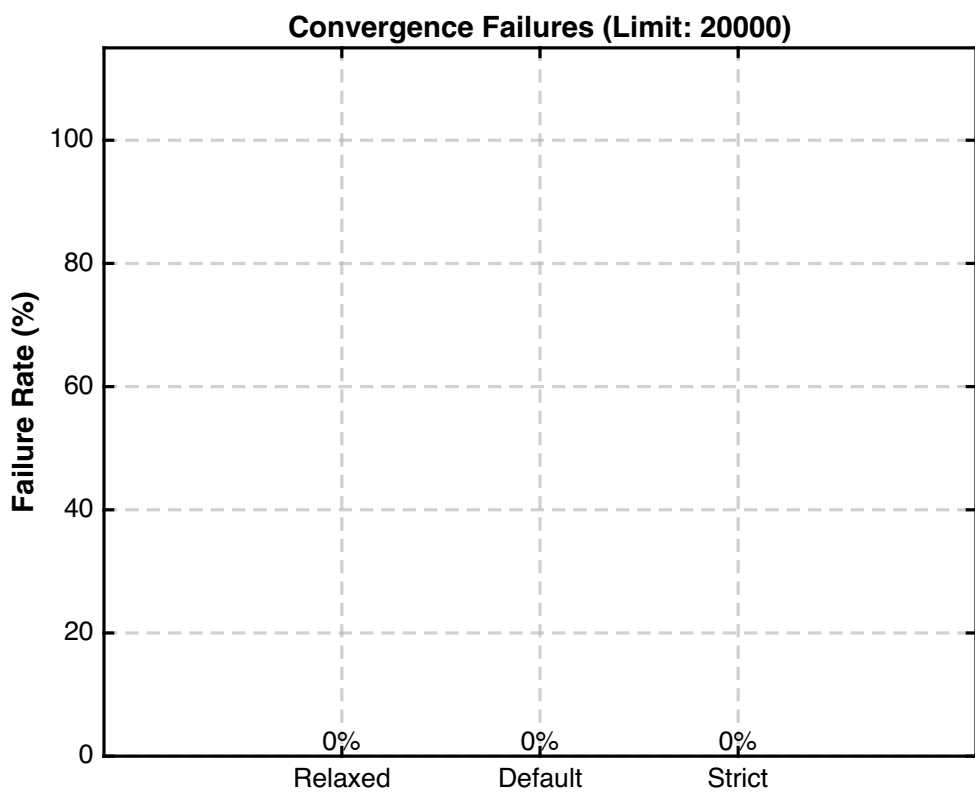
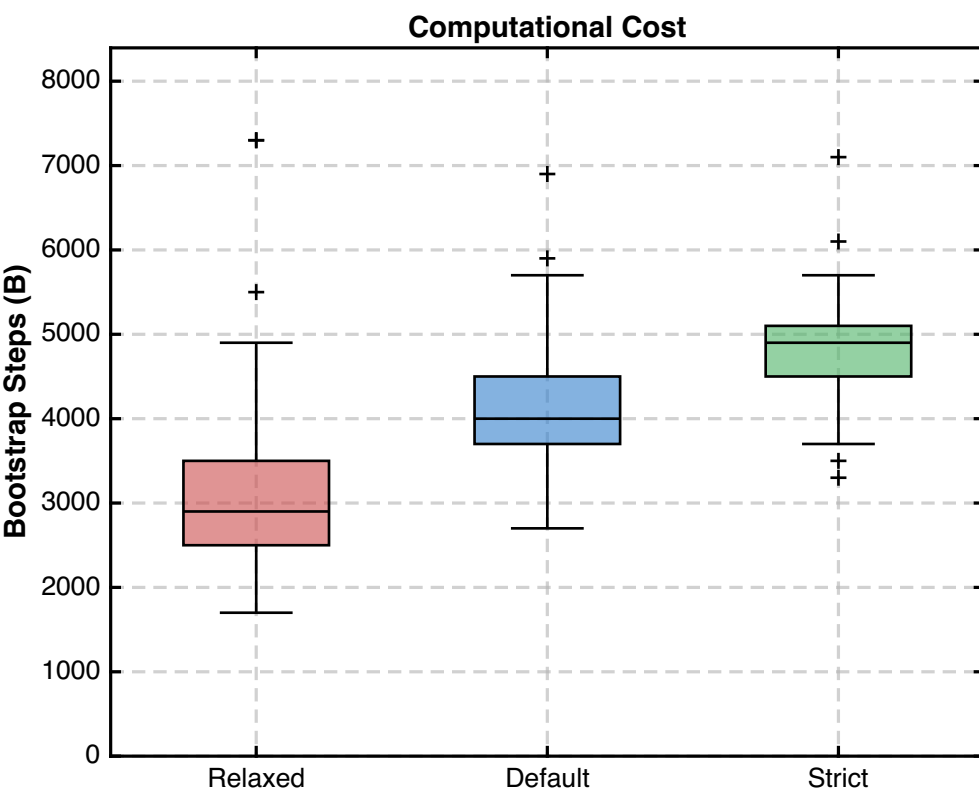
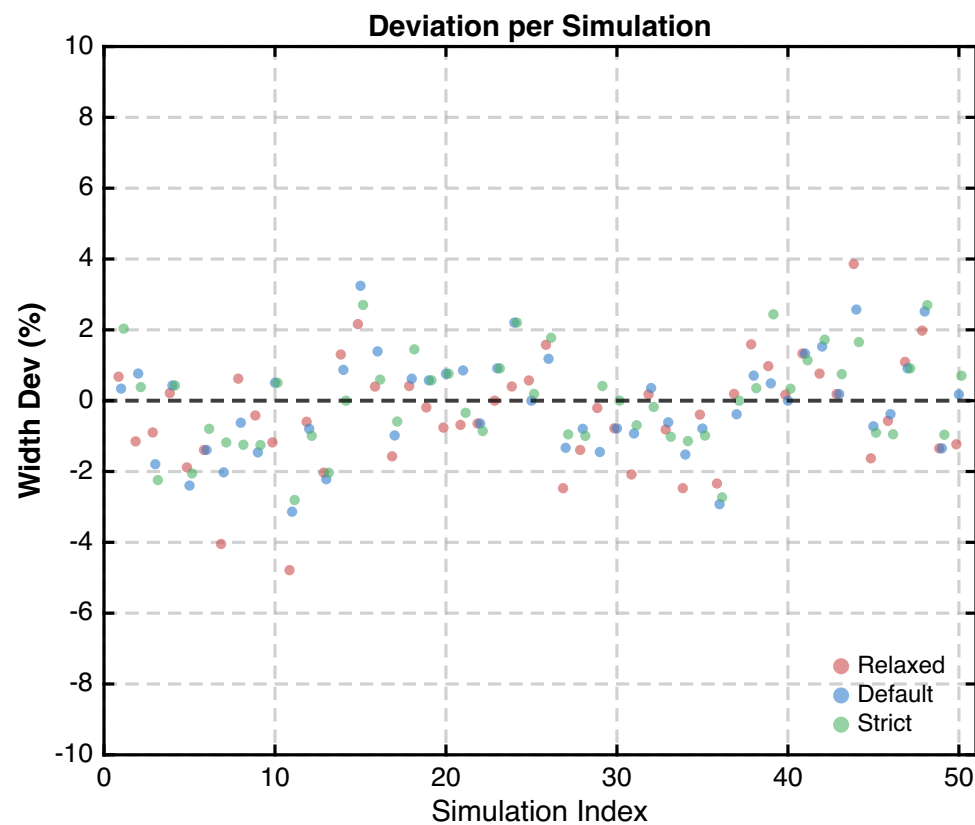
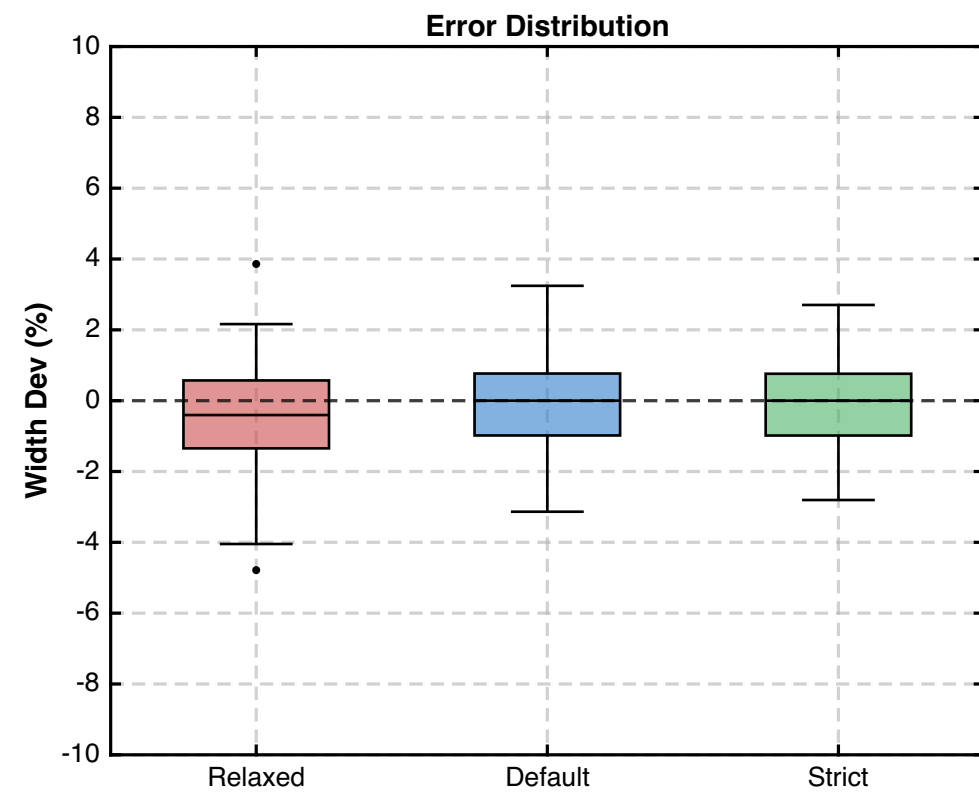
Ranking (Mean) Analysis: N 25 Normal



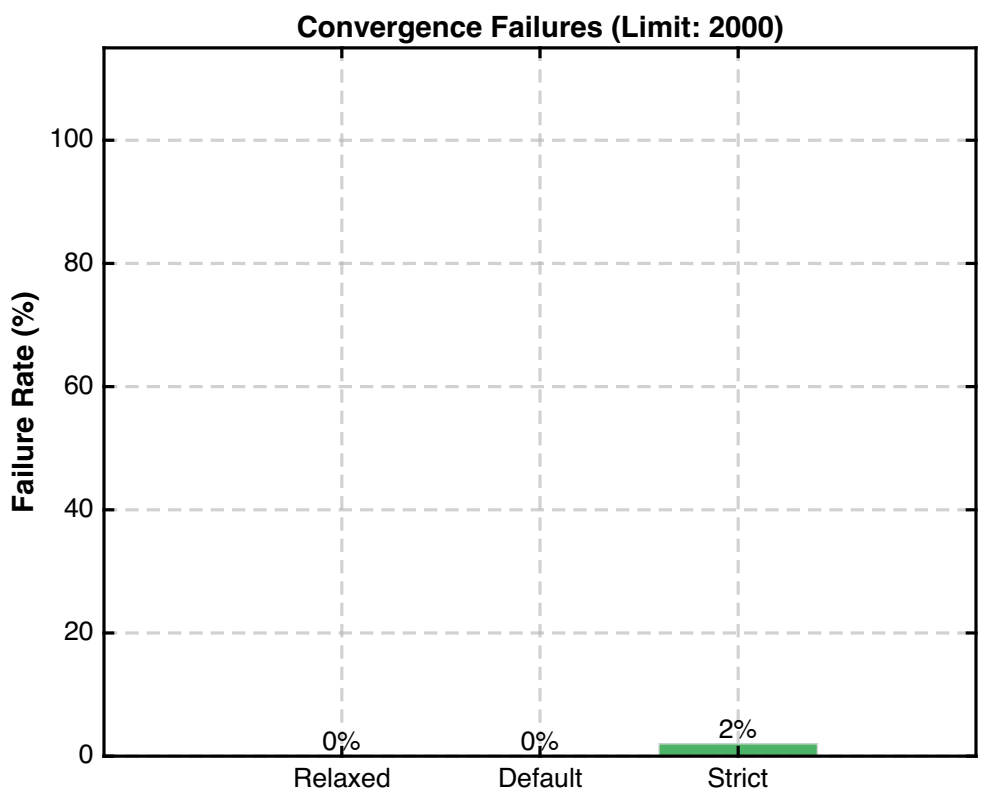
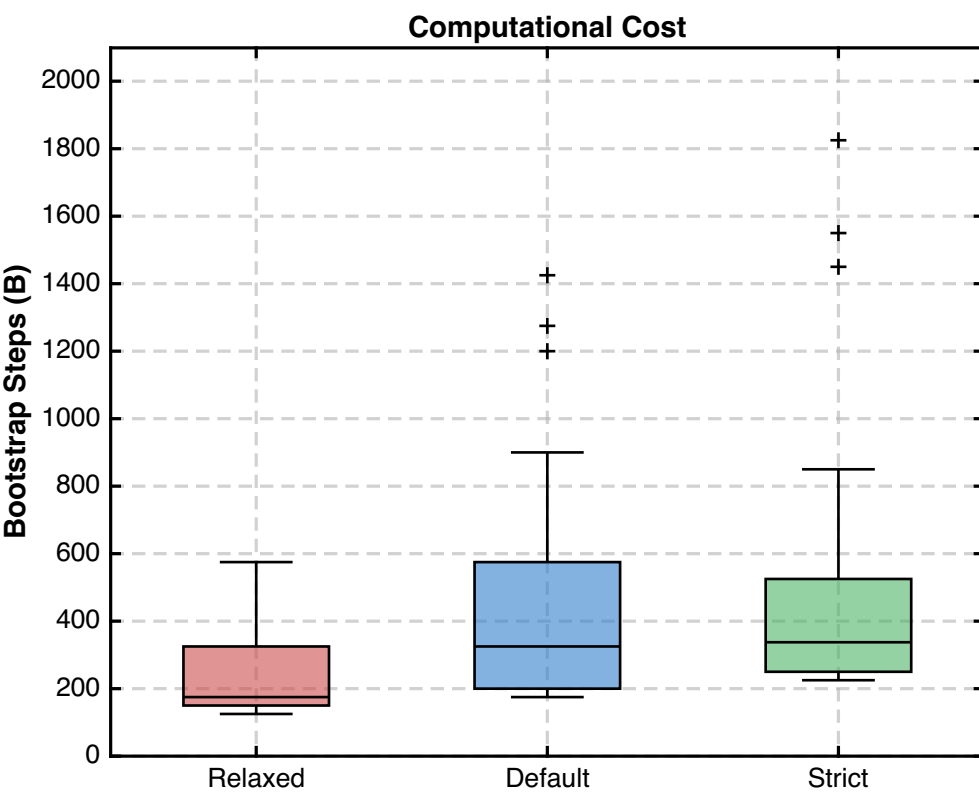
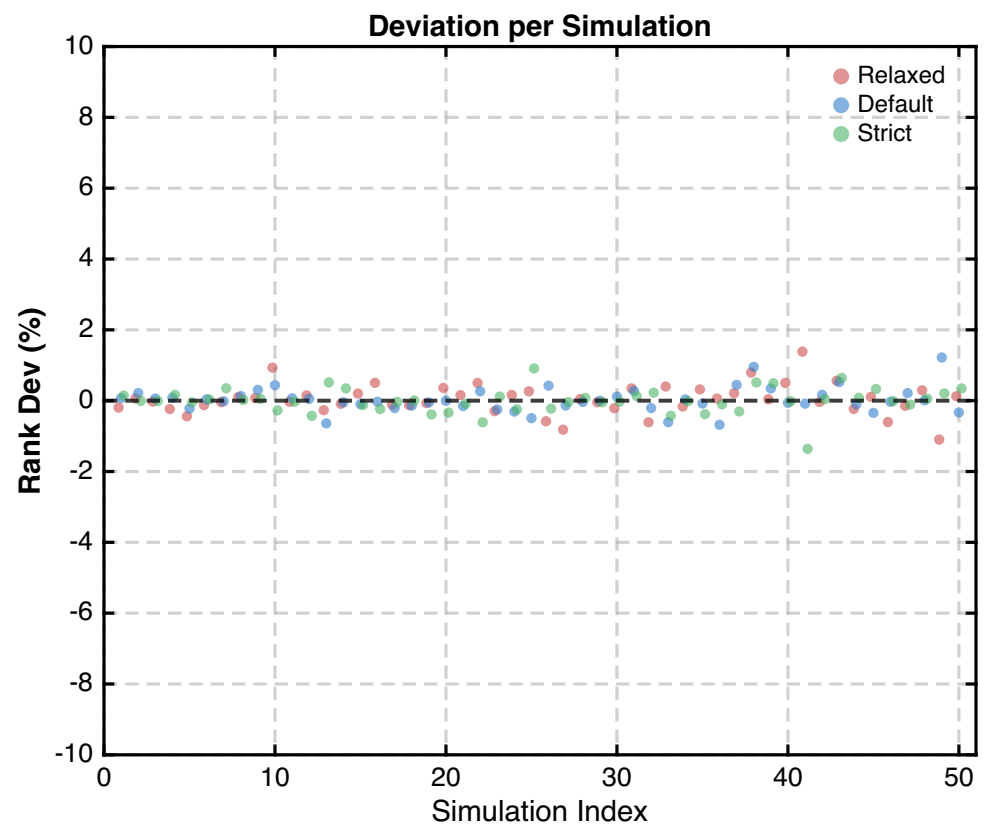
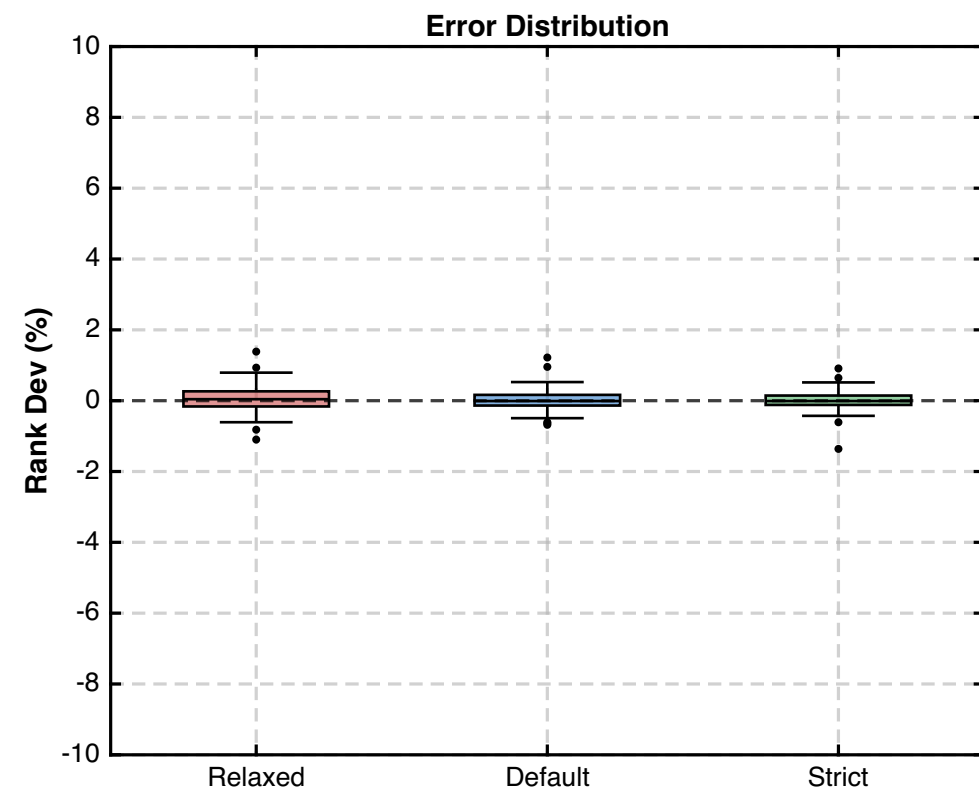
Thresholds (Delta) Analysis: N 50 Normal



BCa CI (Width) Analysis: N 50 Normal

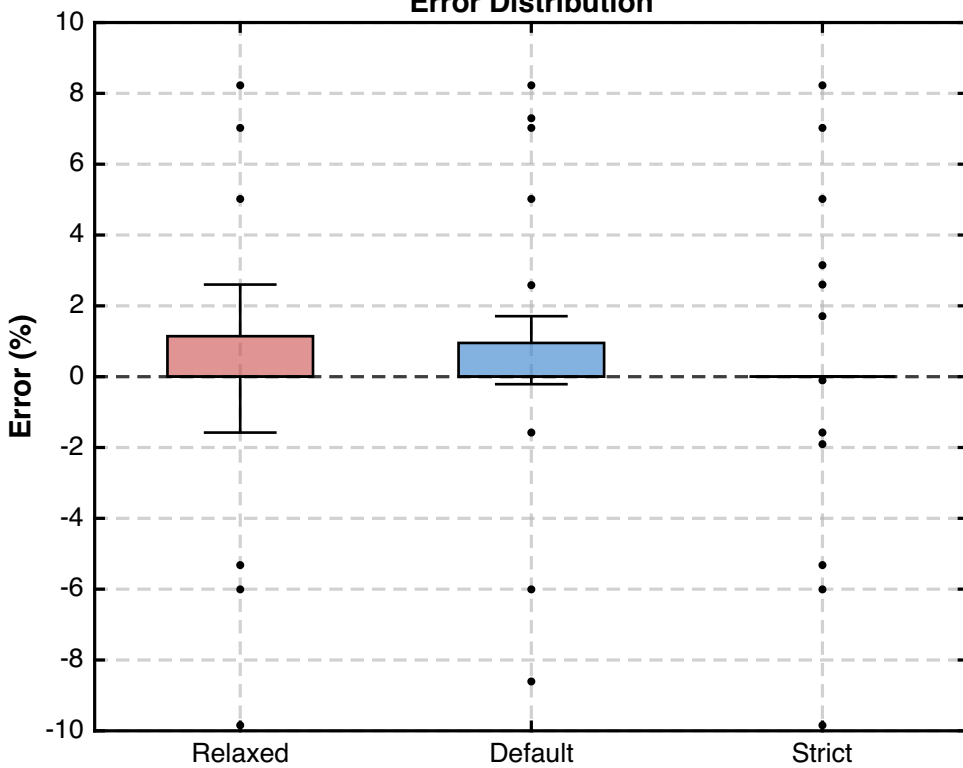


Ranking (Mean) Analysis: N 50 Normal

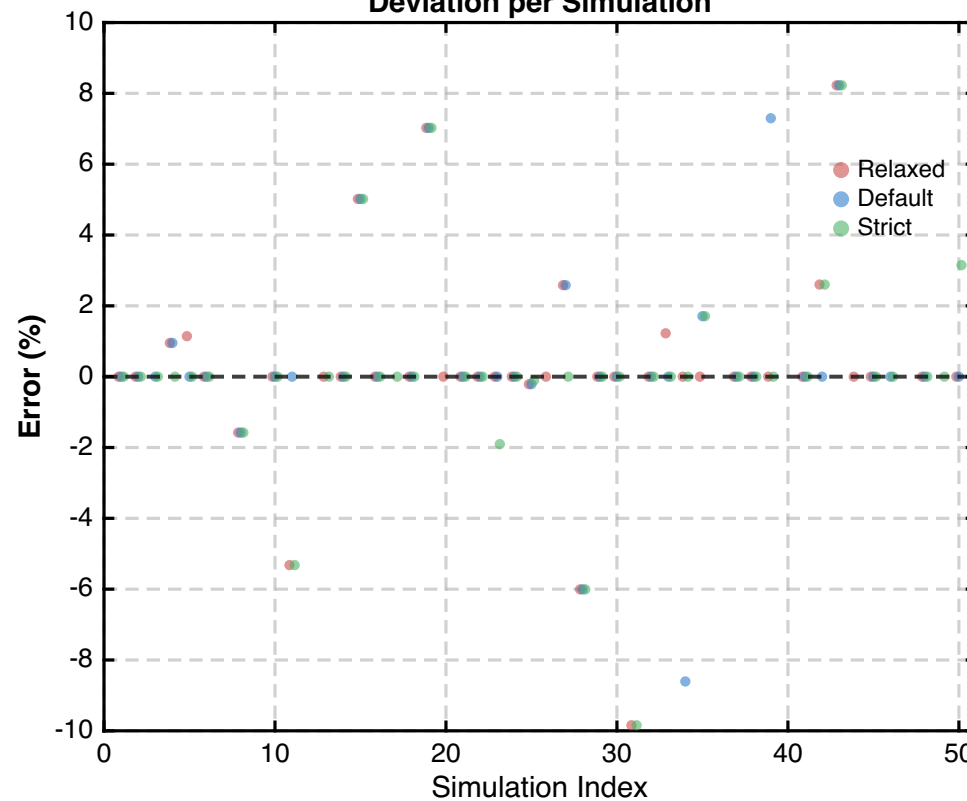


Thresholds (Delta) Analysis: N 100 Normal

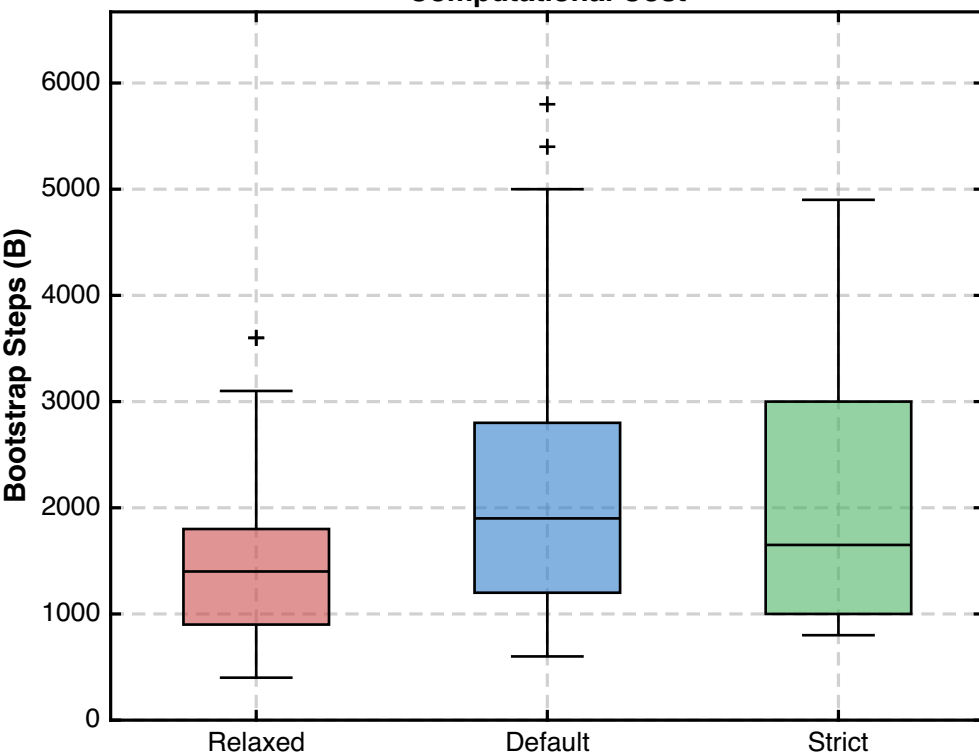
Error Distribution



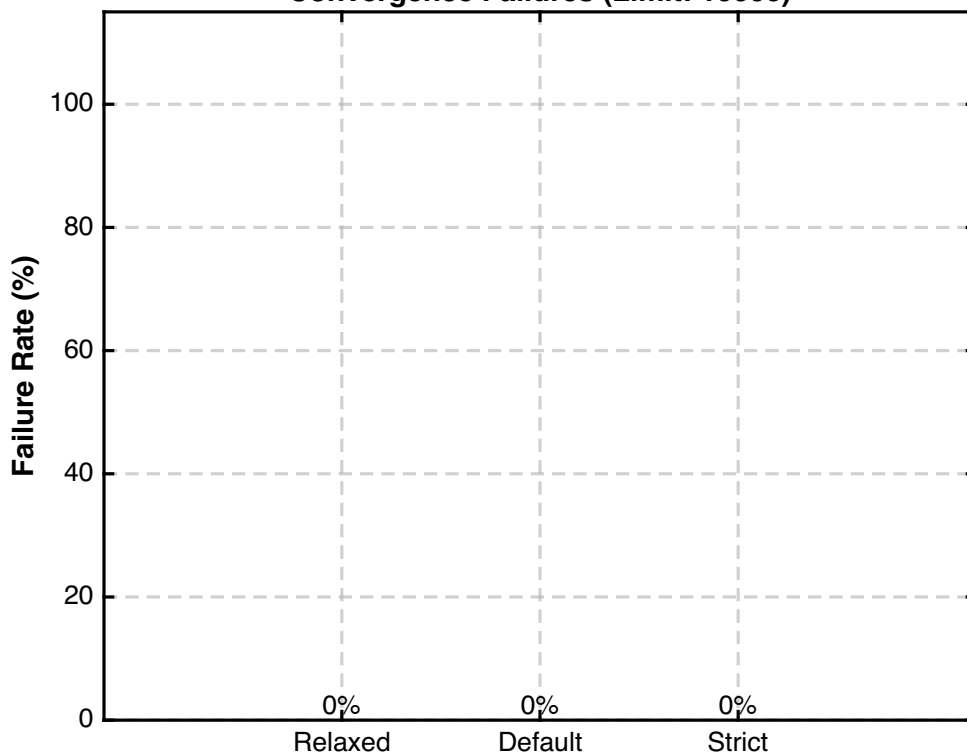
Deviation per Simulation



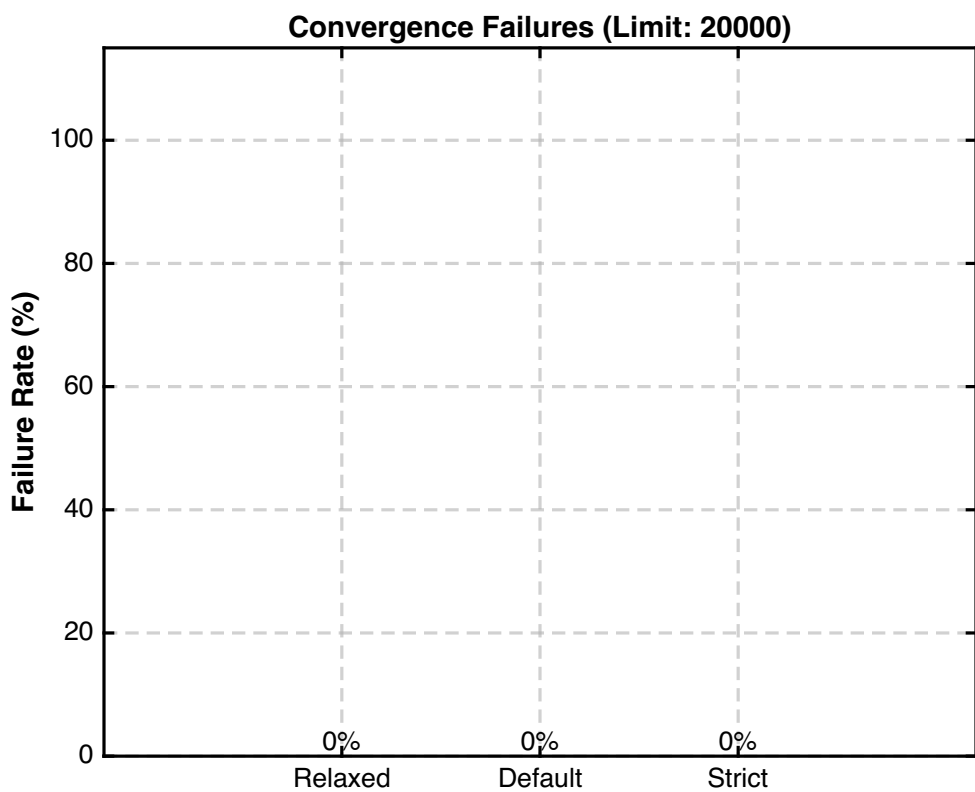
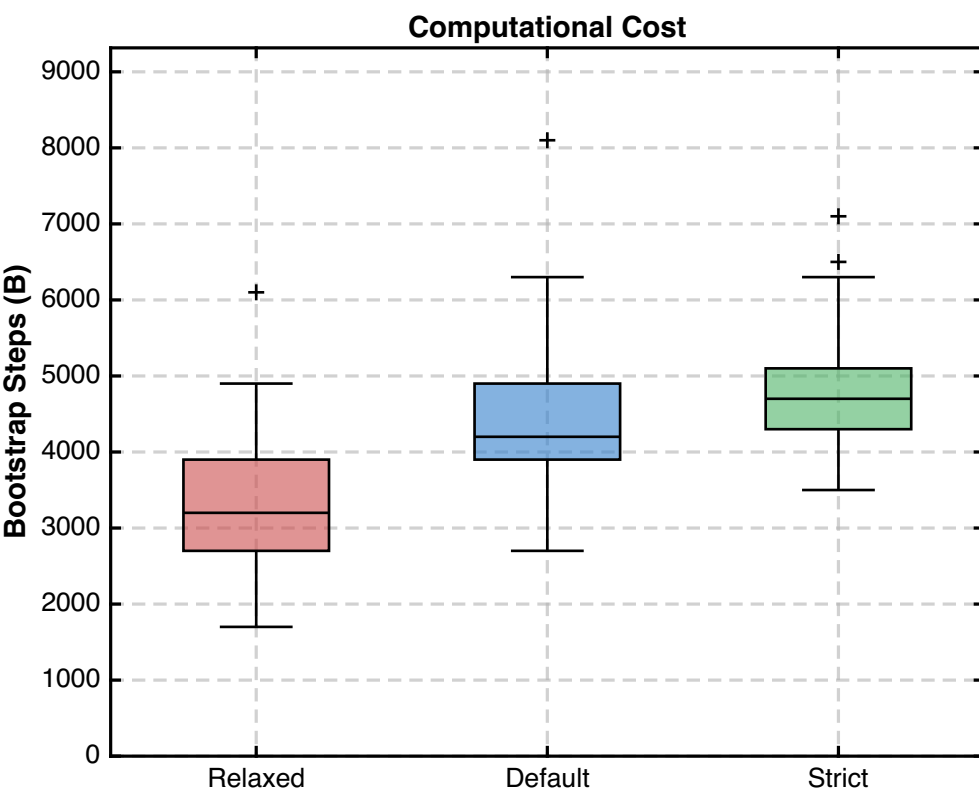
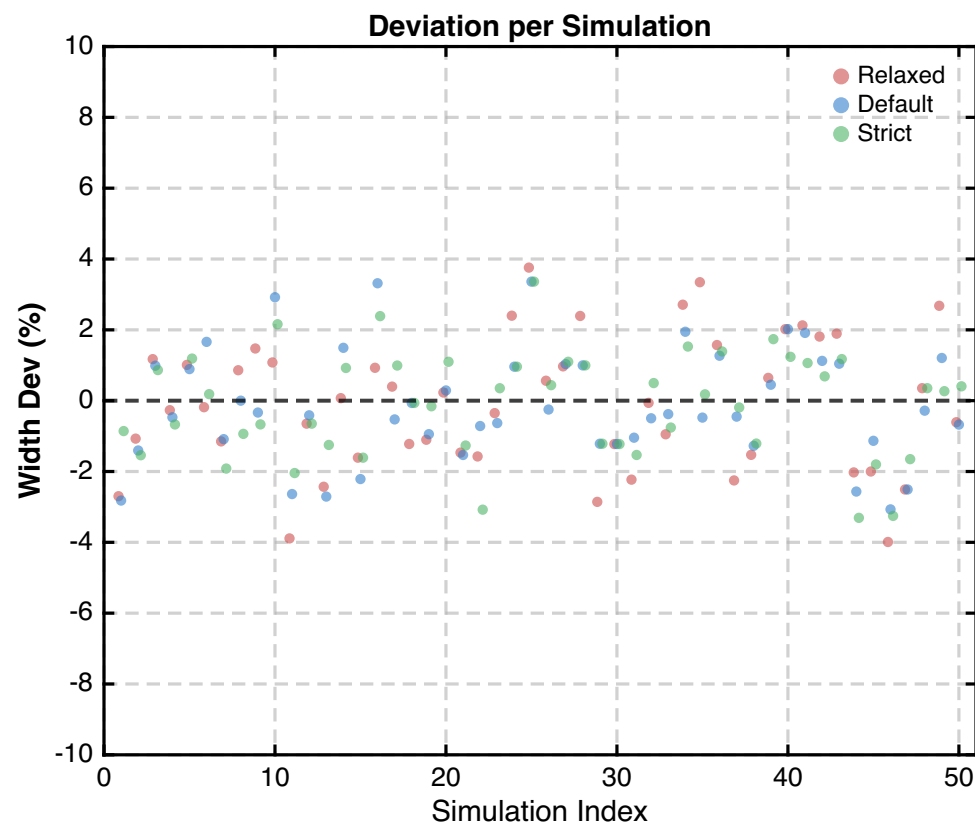
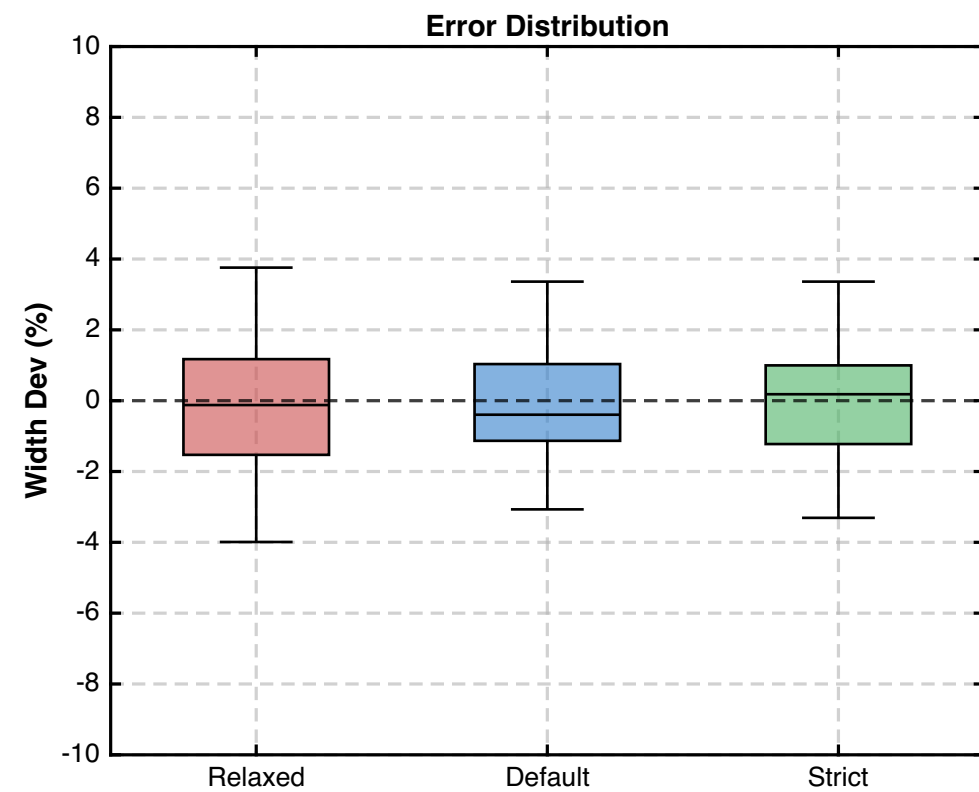
Computational Cost



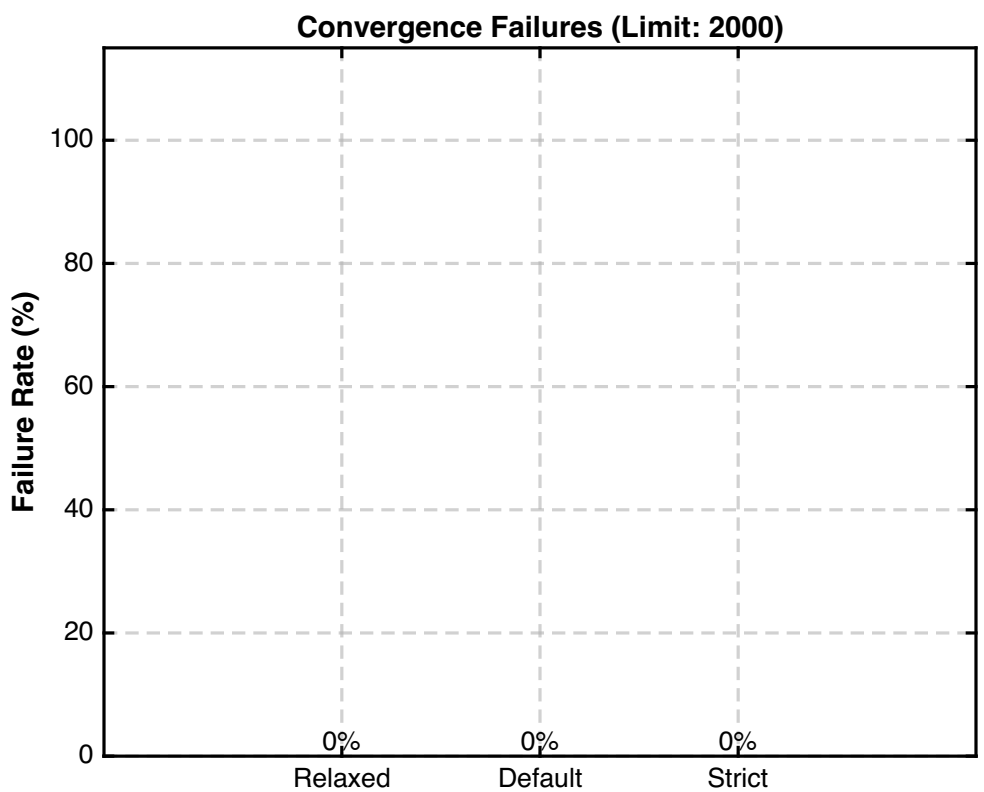
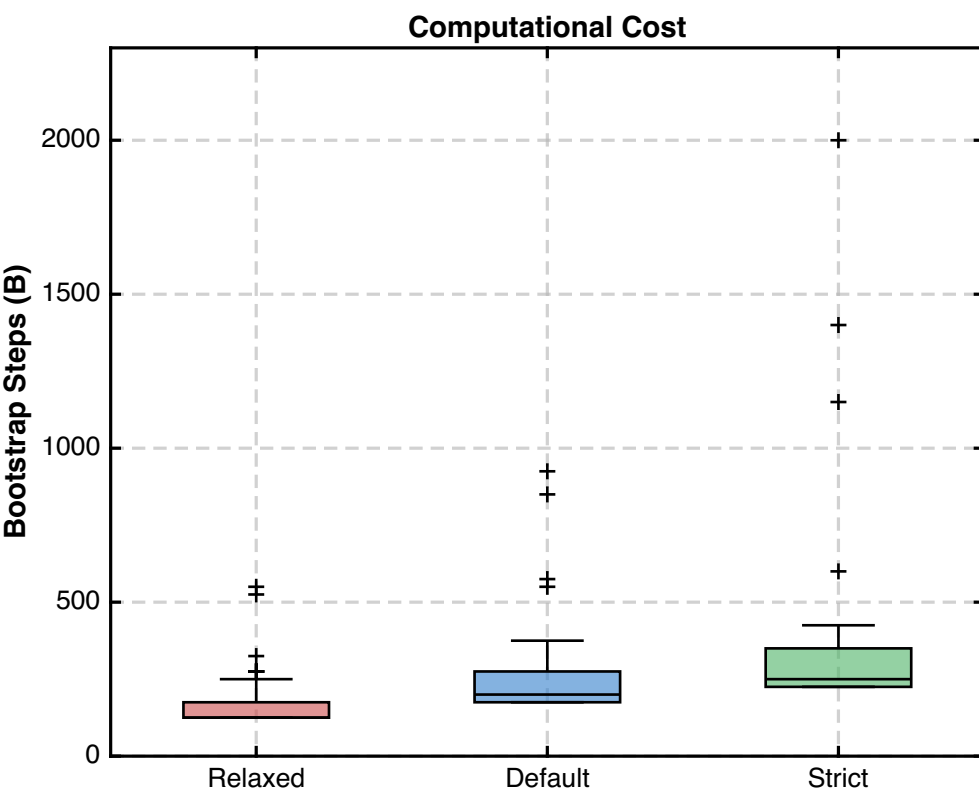
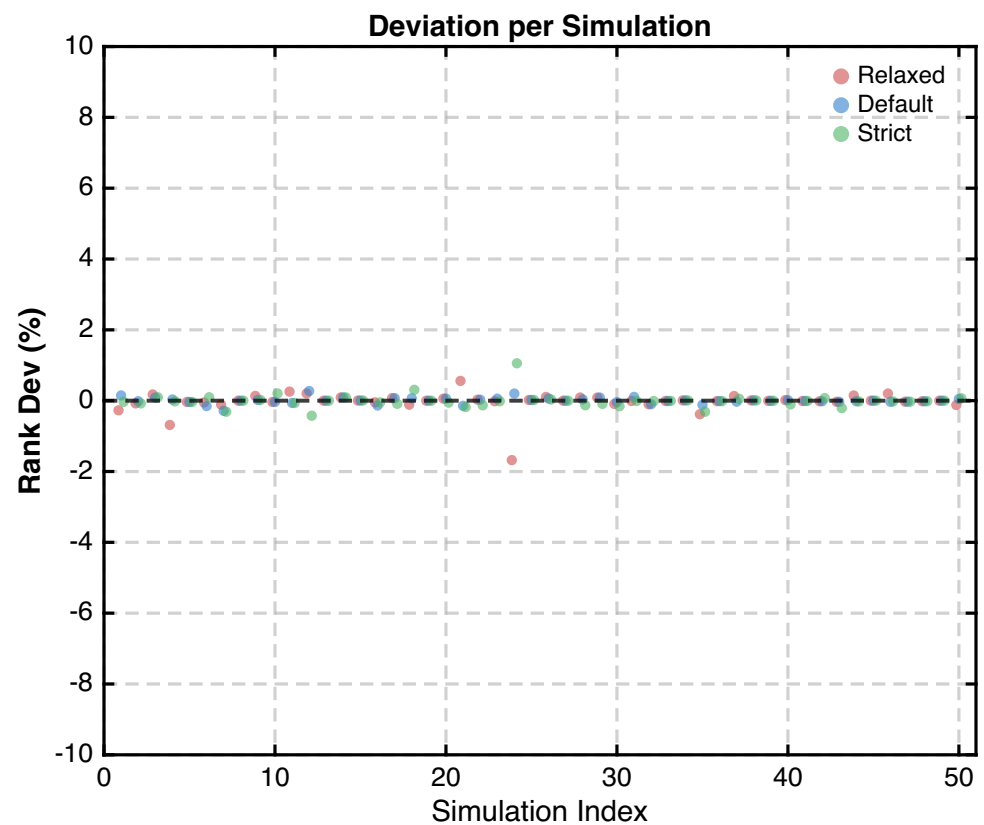
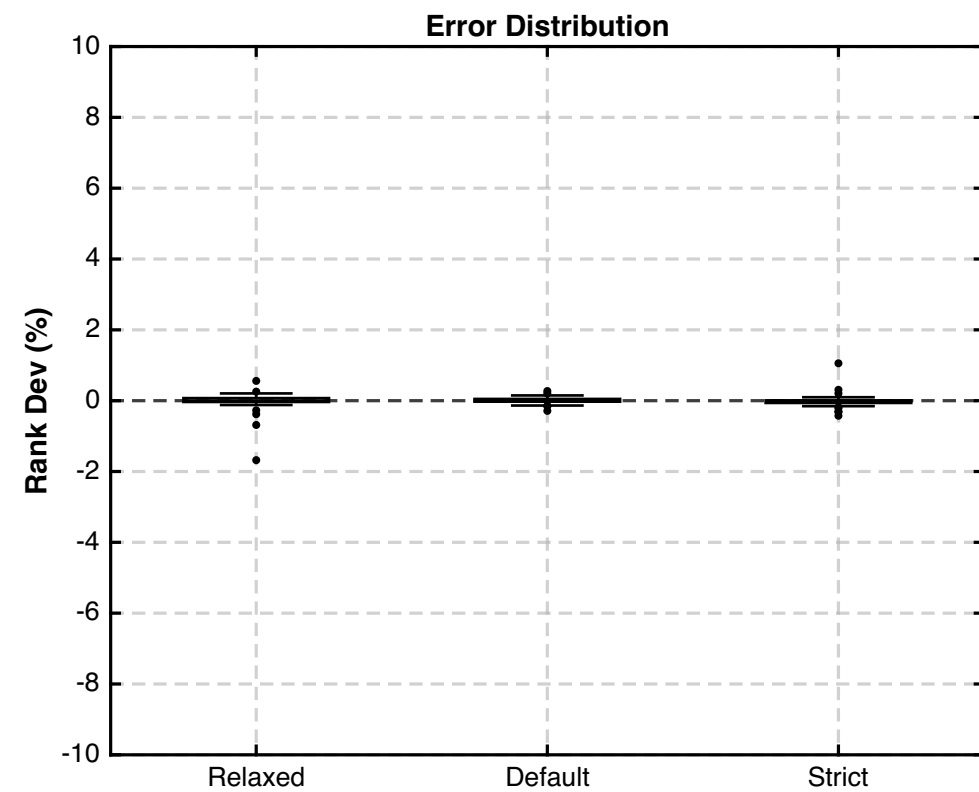
Convergence Failures (Limit: 10000)



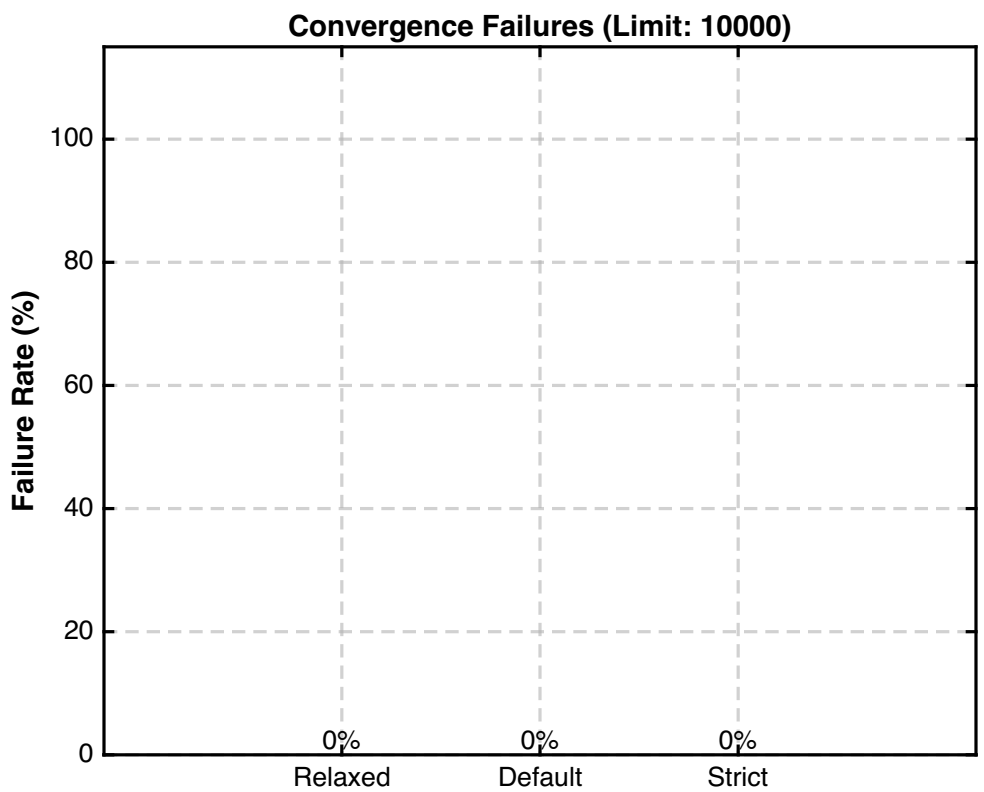
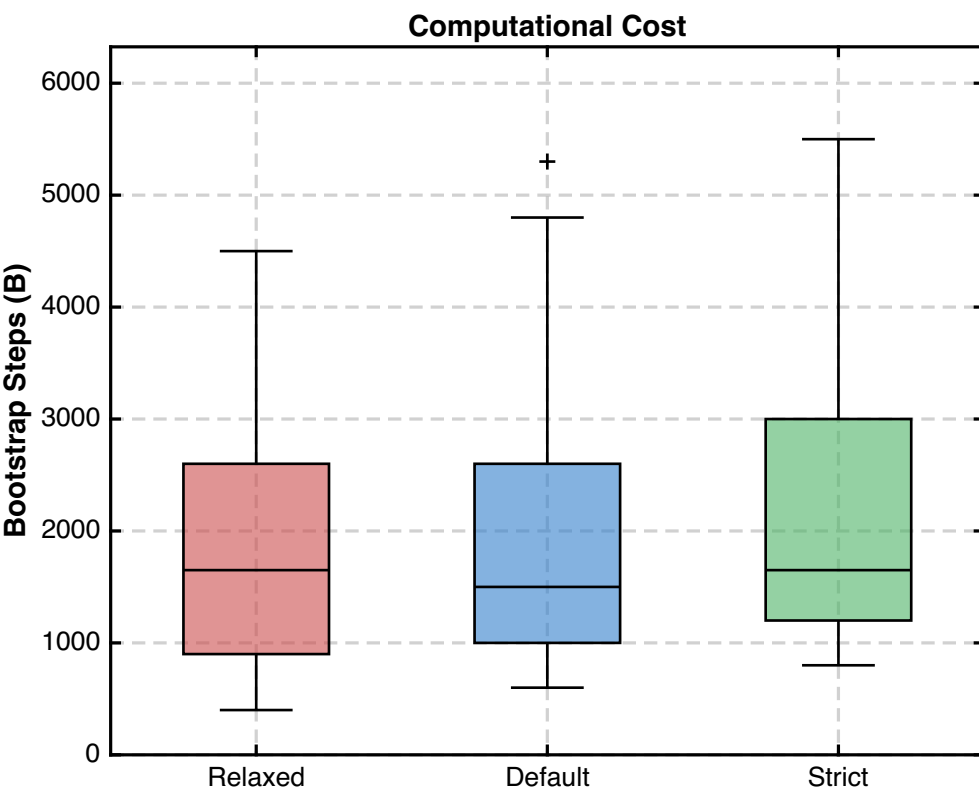
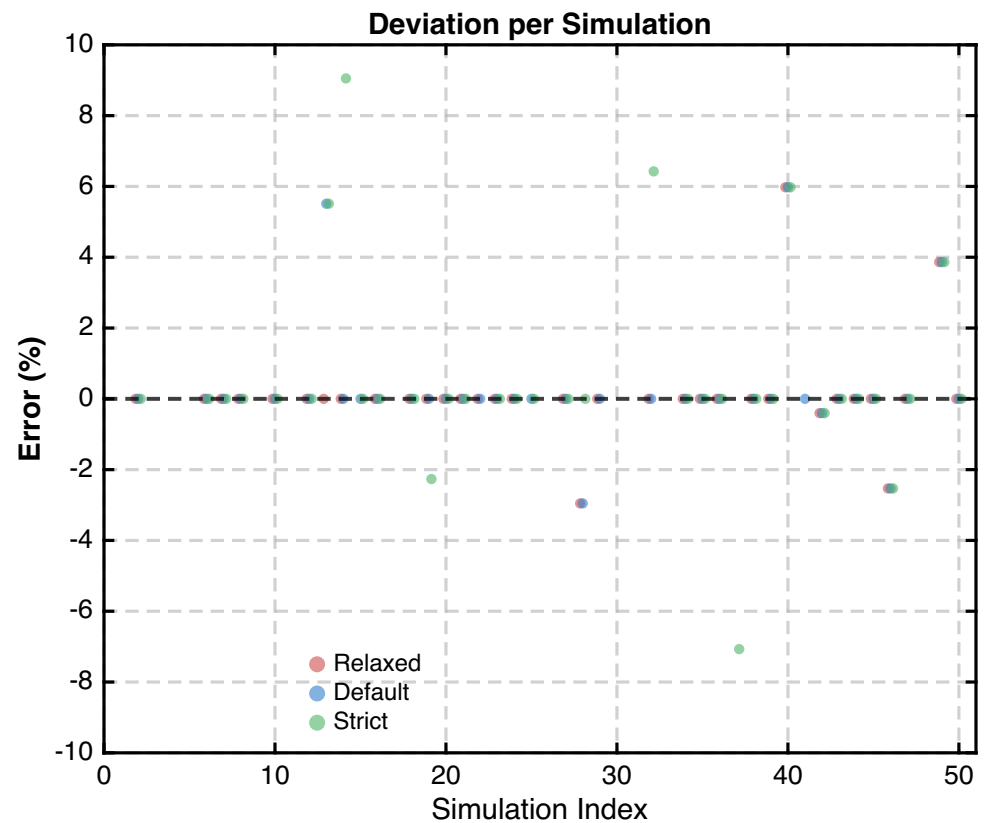
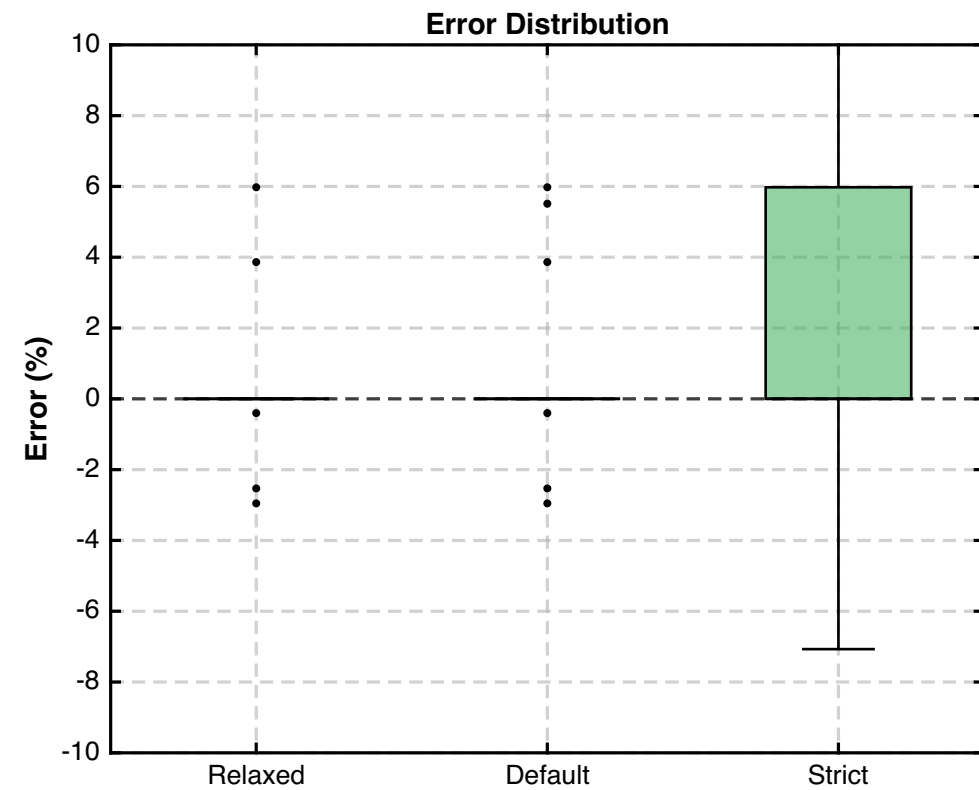
BCa CI (Width) Analysis: N 100 Normal



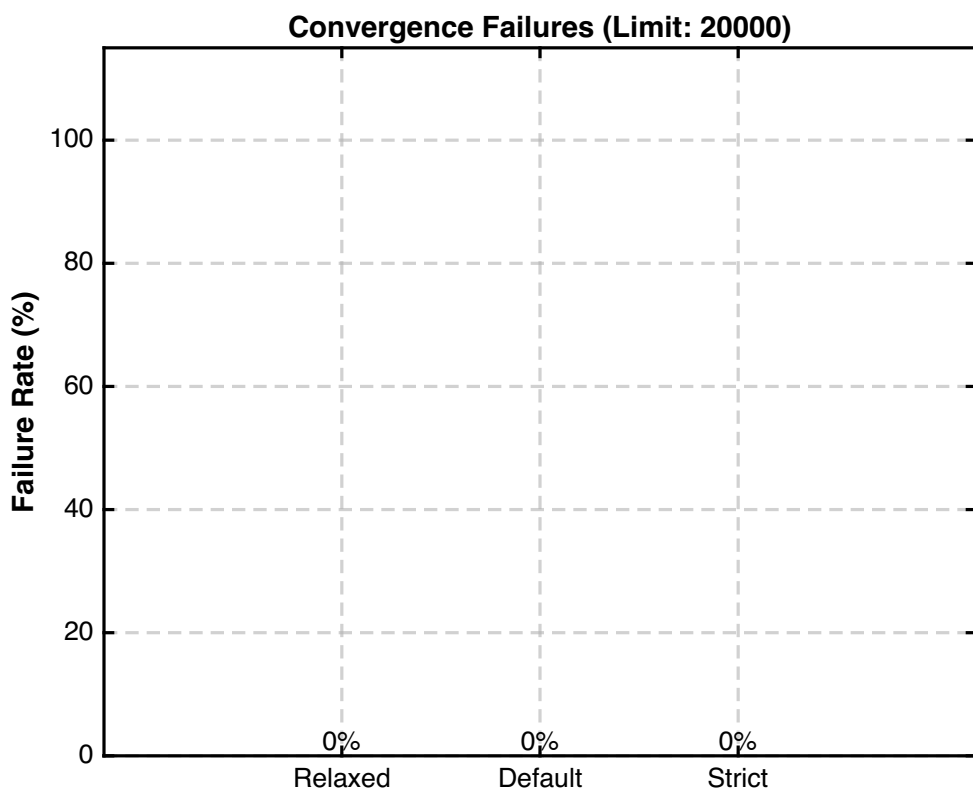
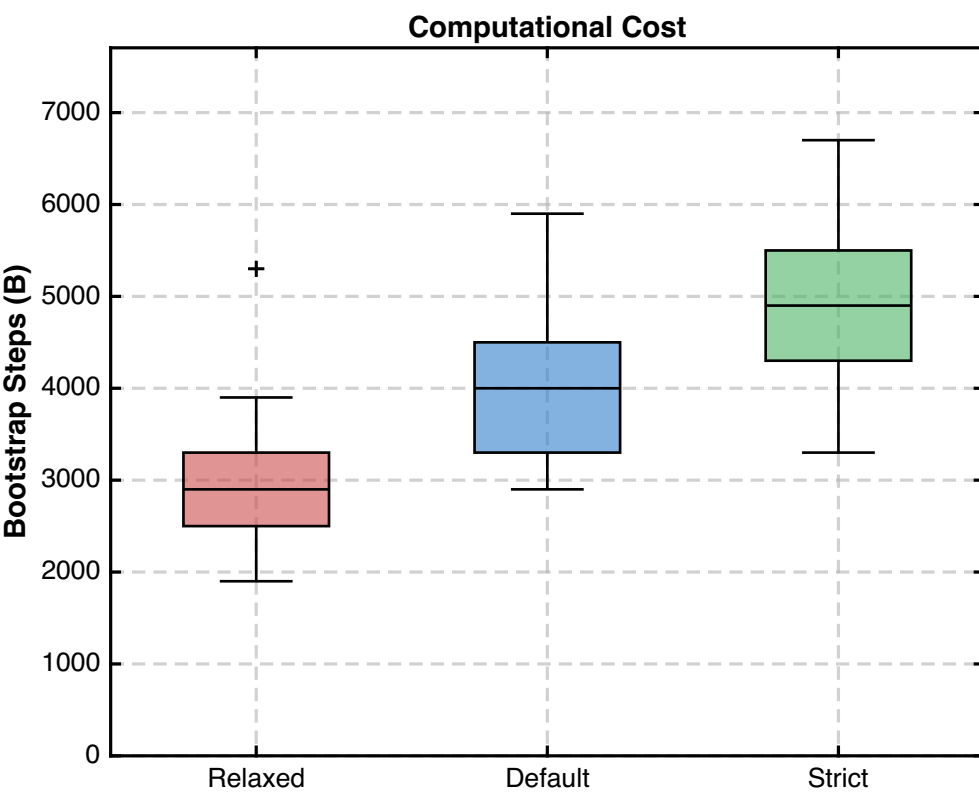
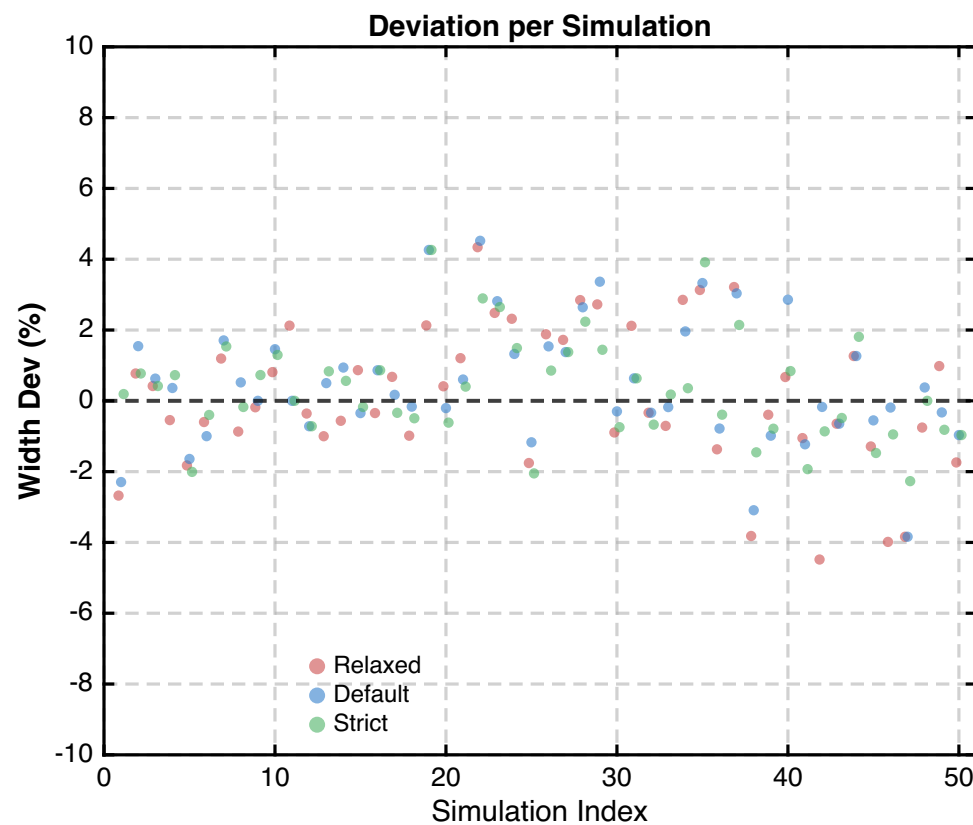
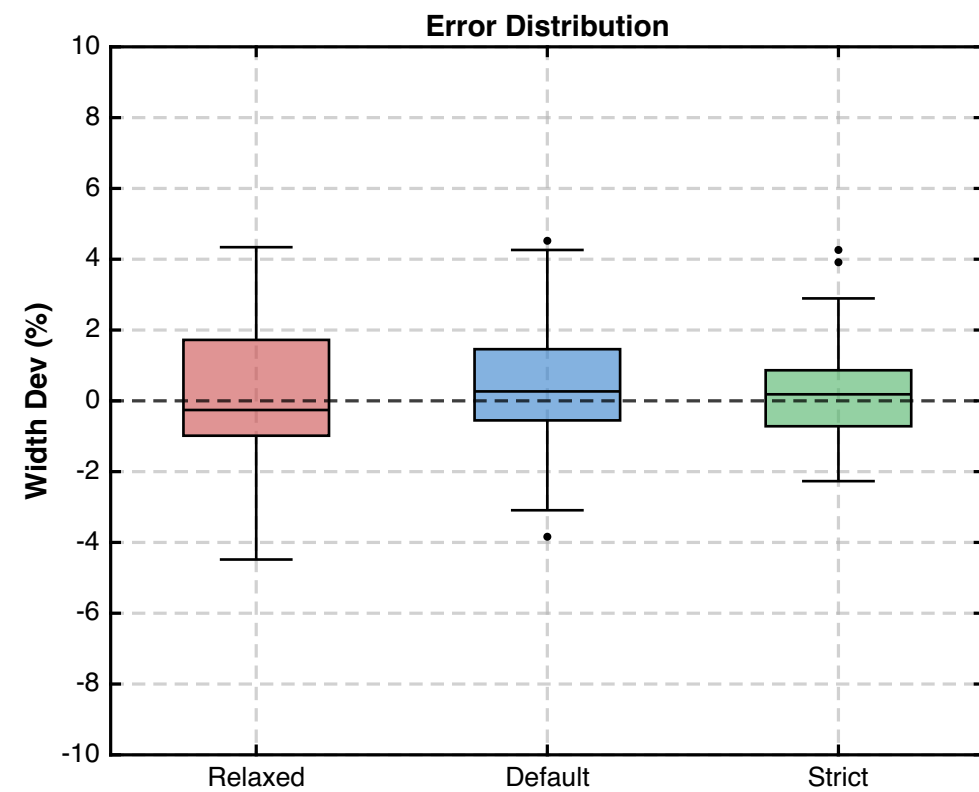
Ranking (Mean) Analysis: N 100 Normal



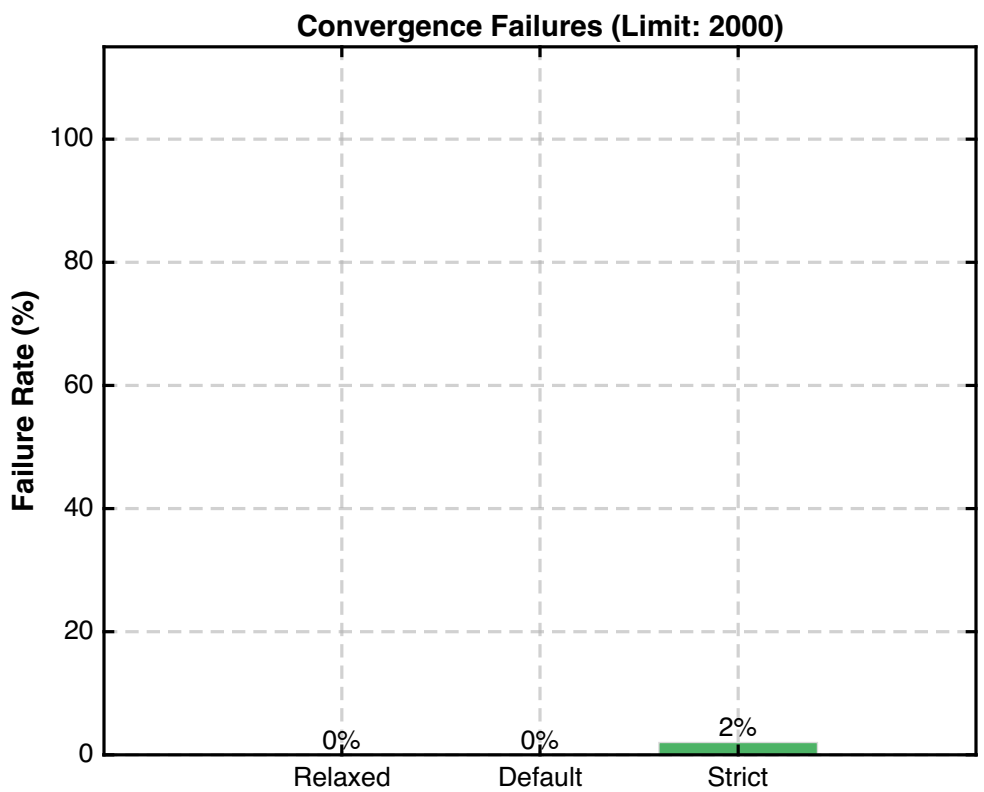
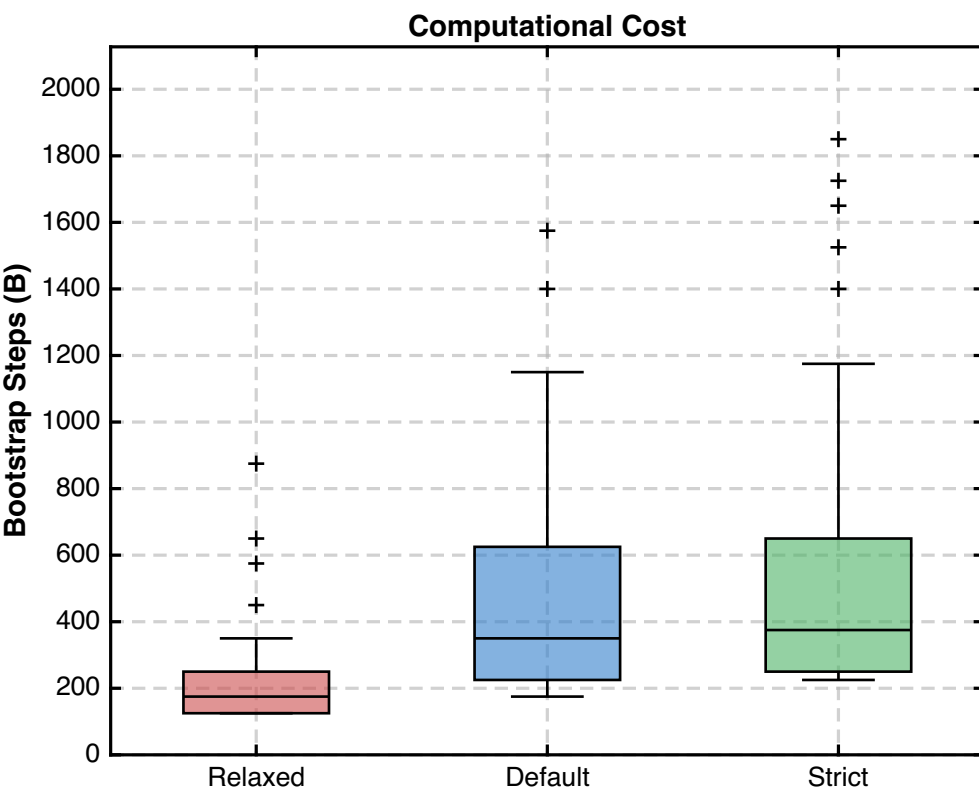
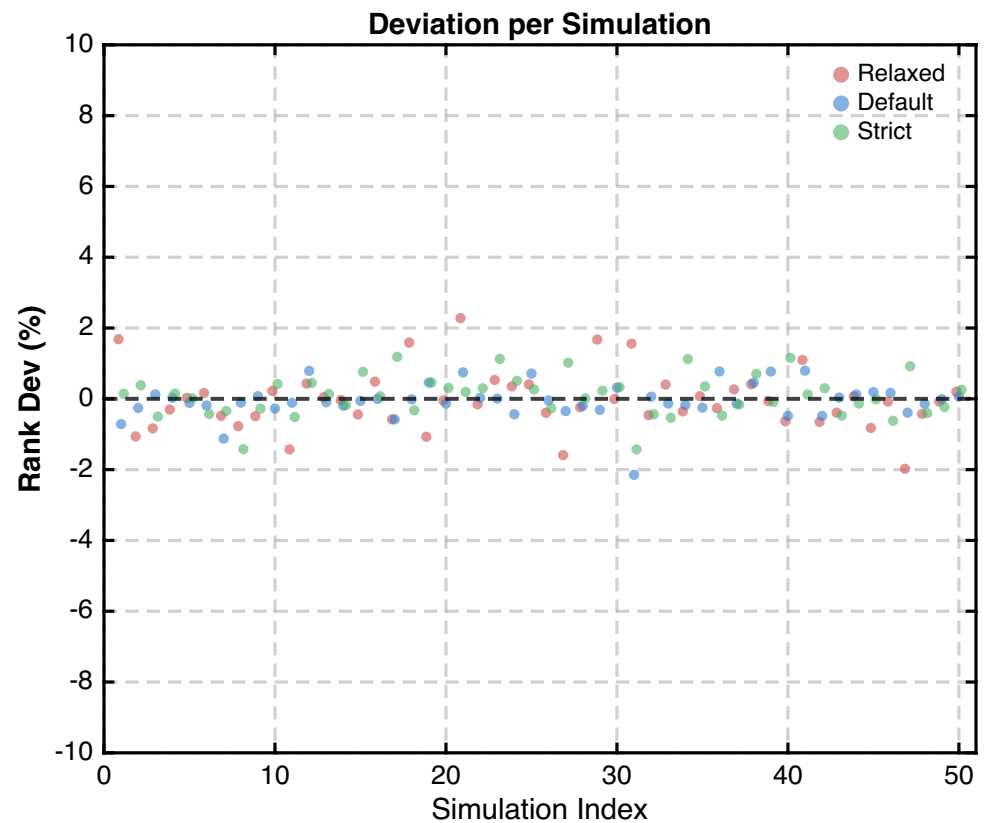
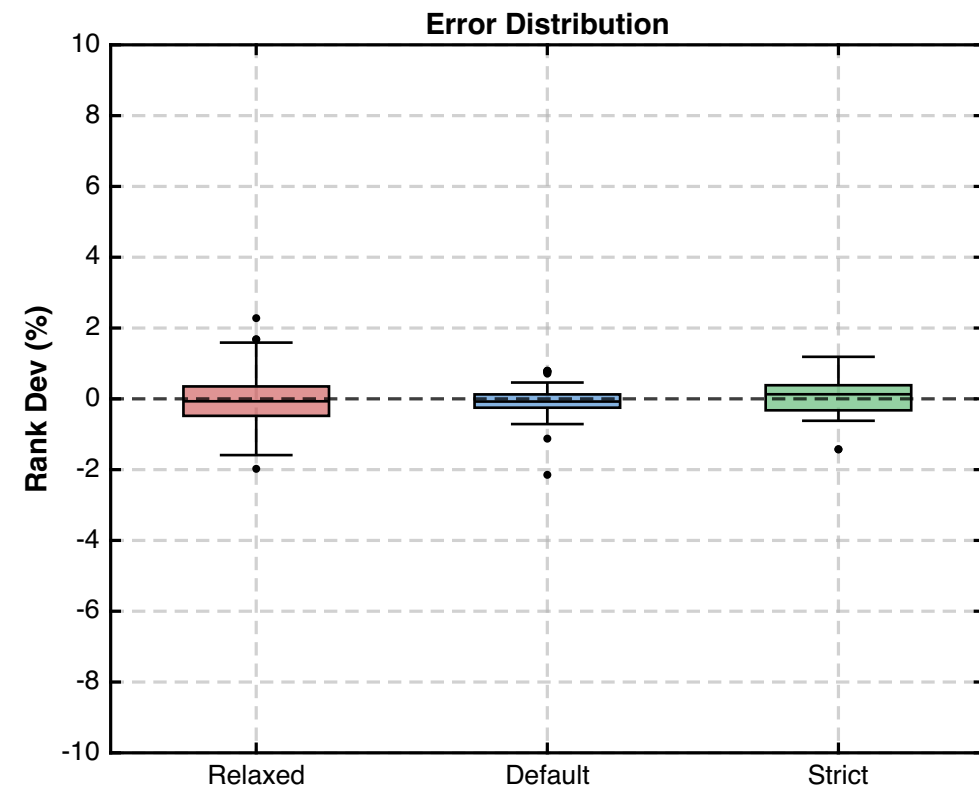
Thresholds (Delta) Analysis: N 50 Skewed



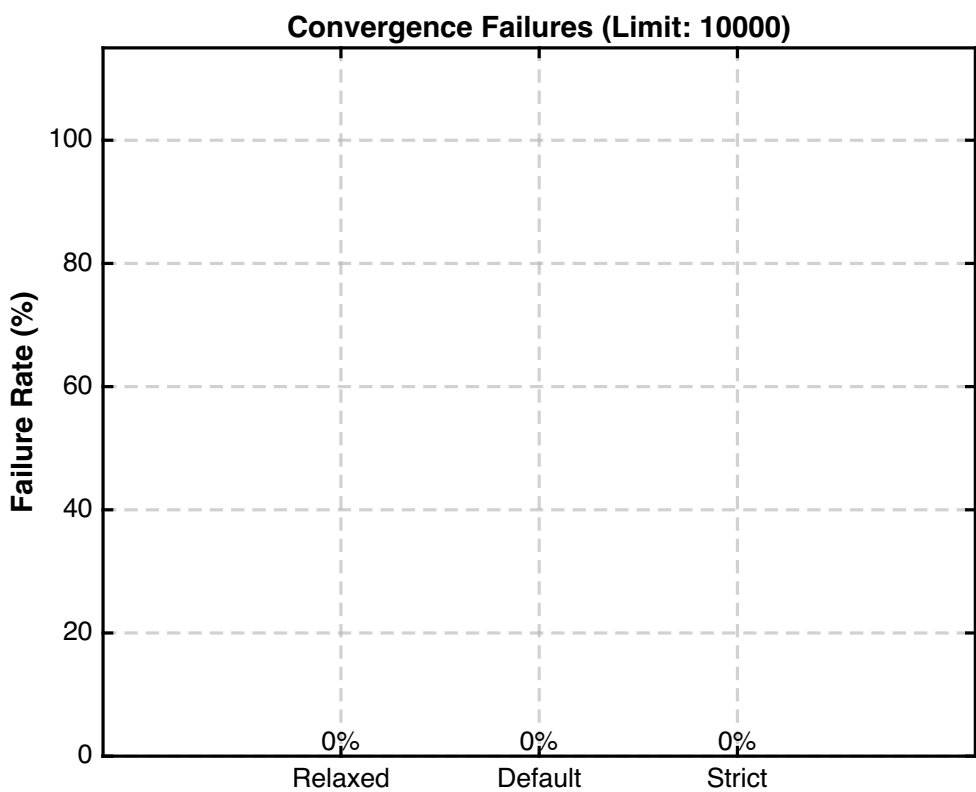
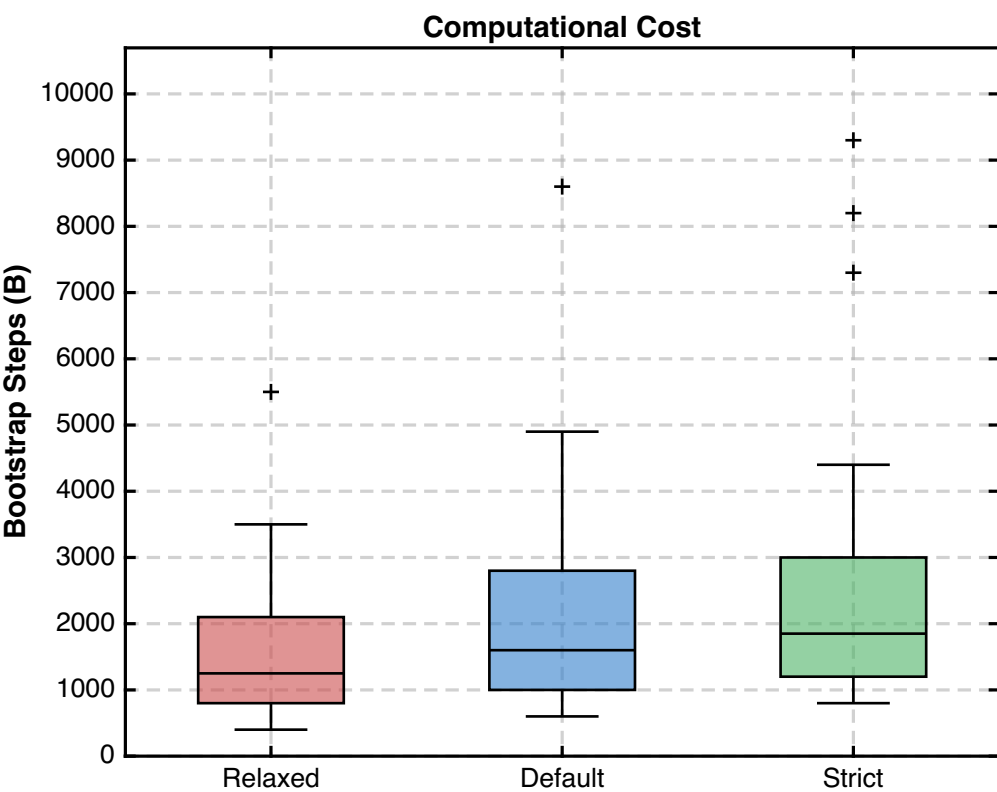
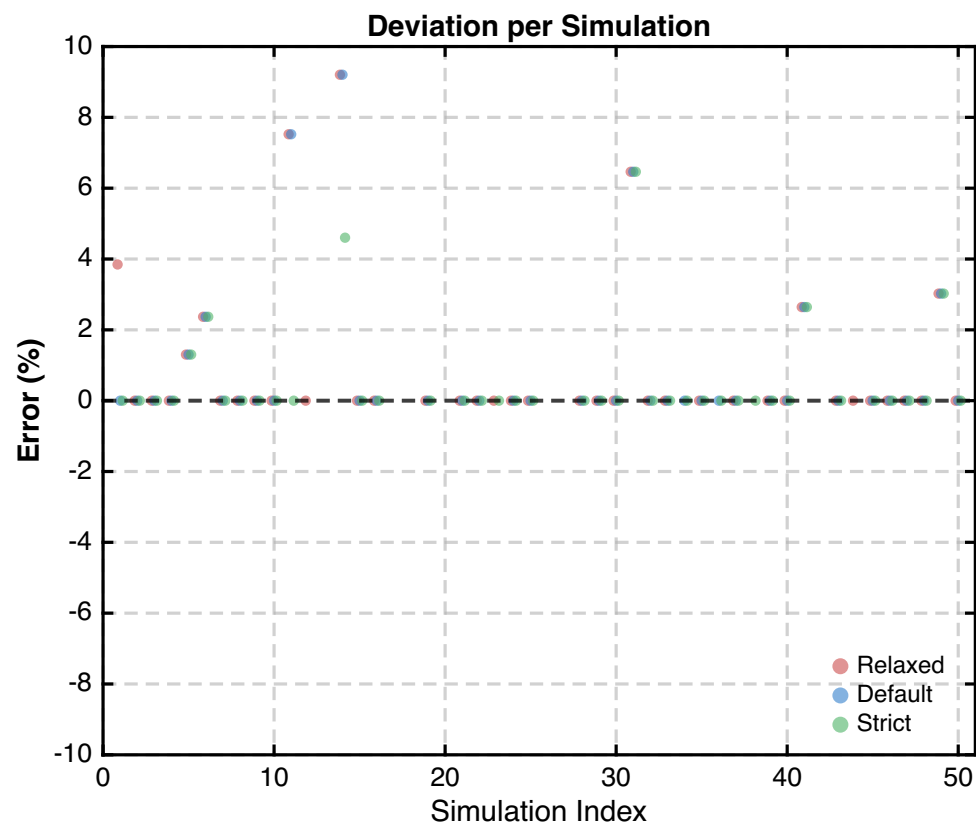
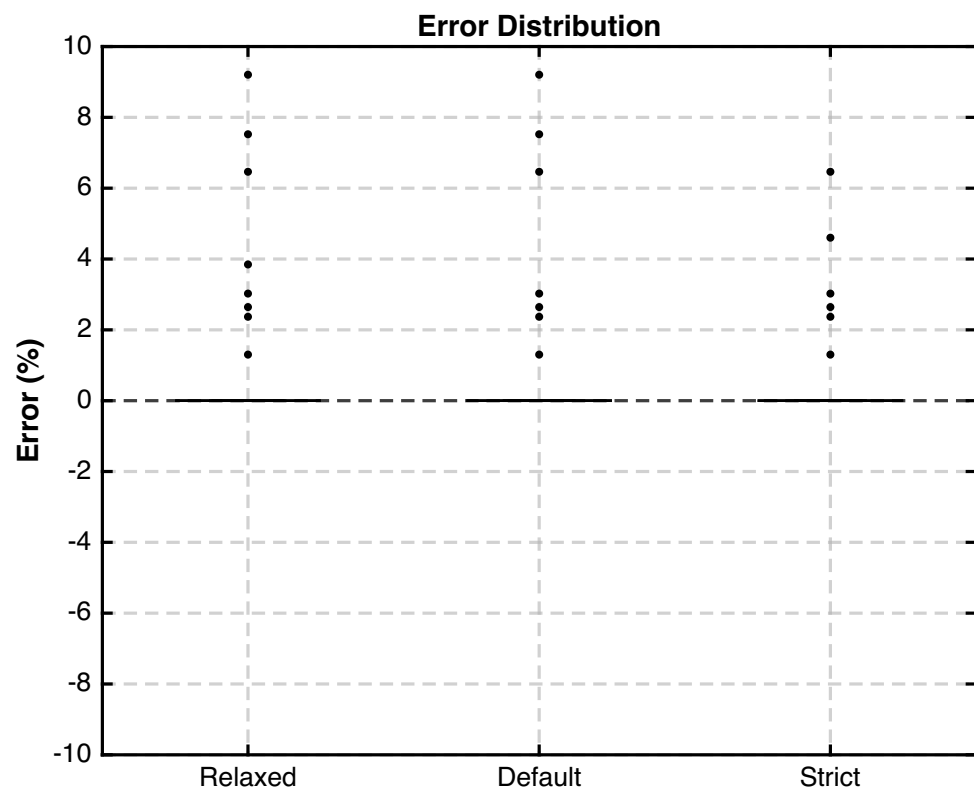
BCa CI (Width) Analysis: N 50 Skewed



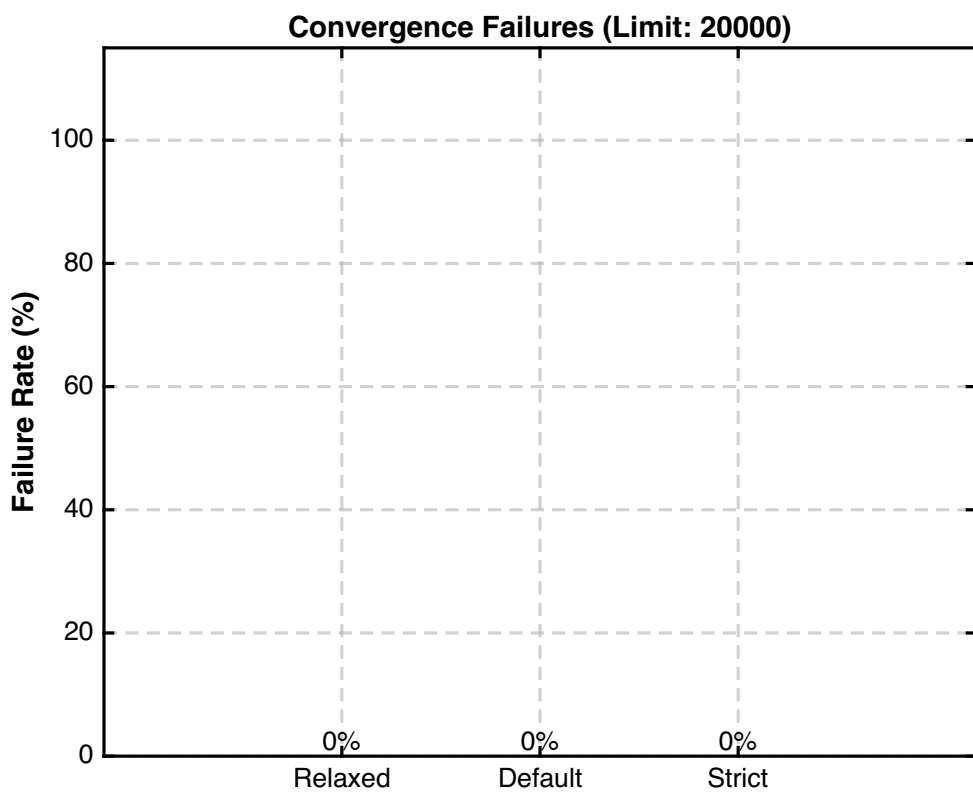
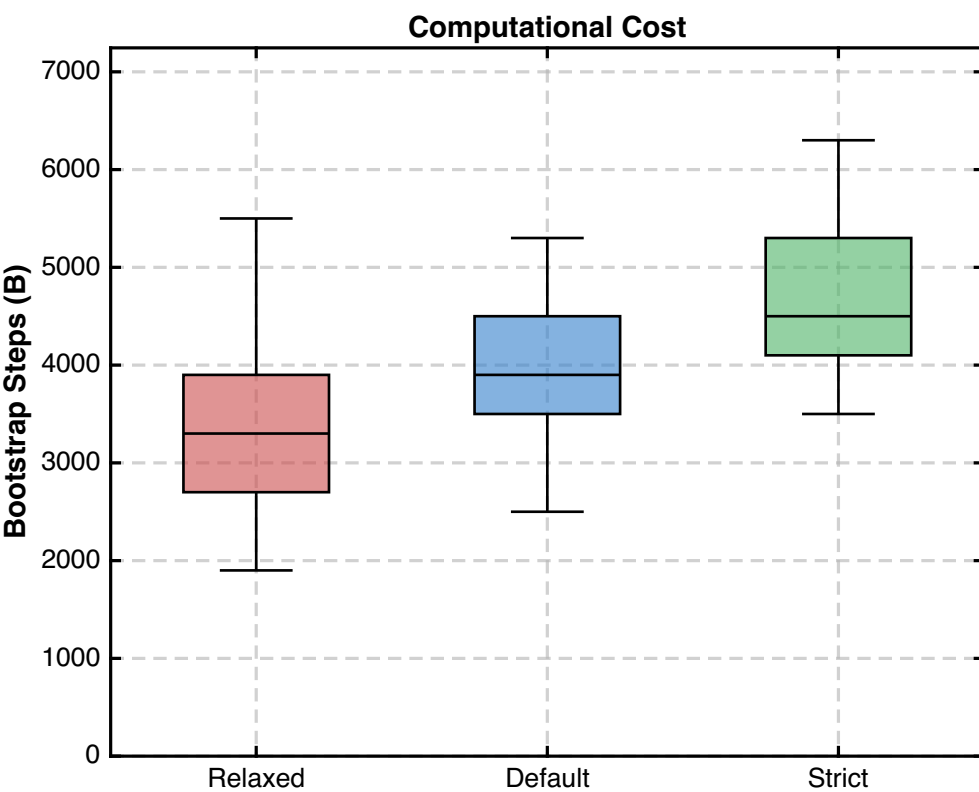
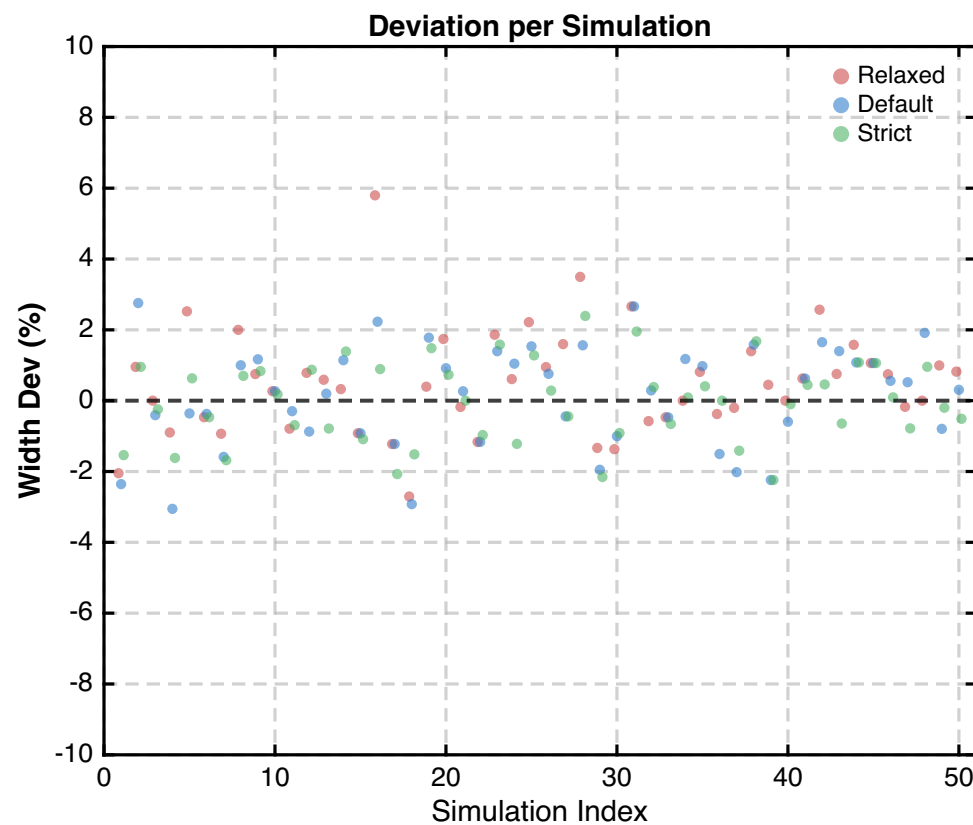
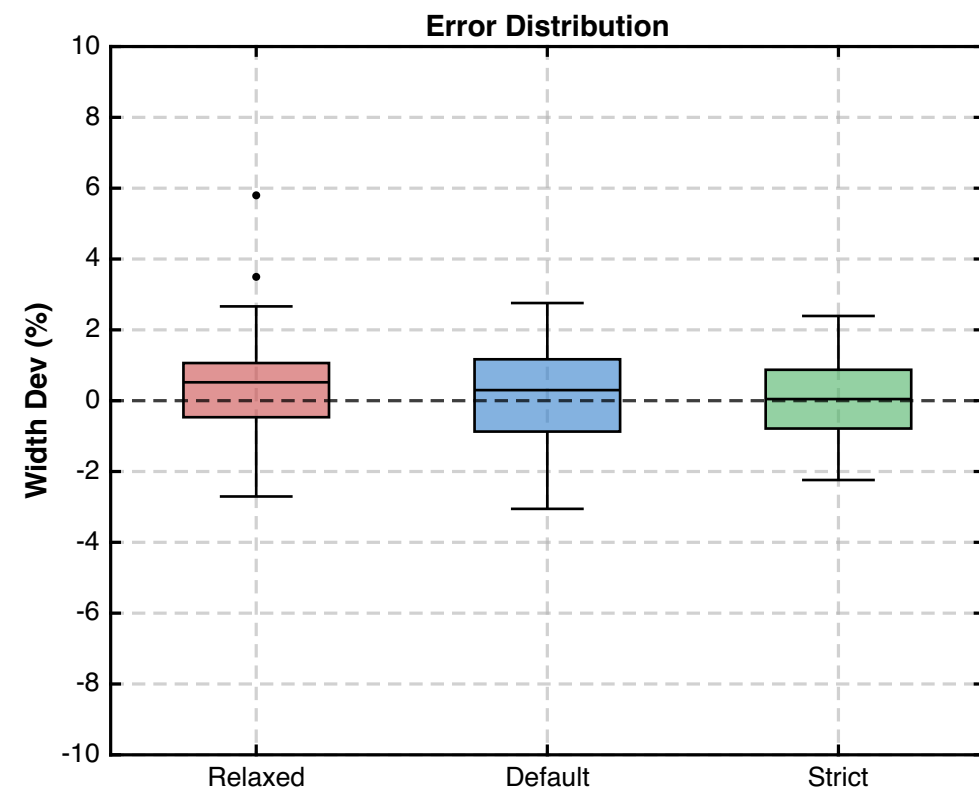
Ranking (Mean) Analysis: N 50 Skewed



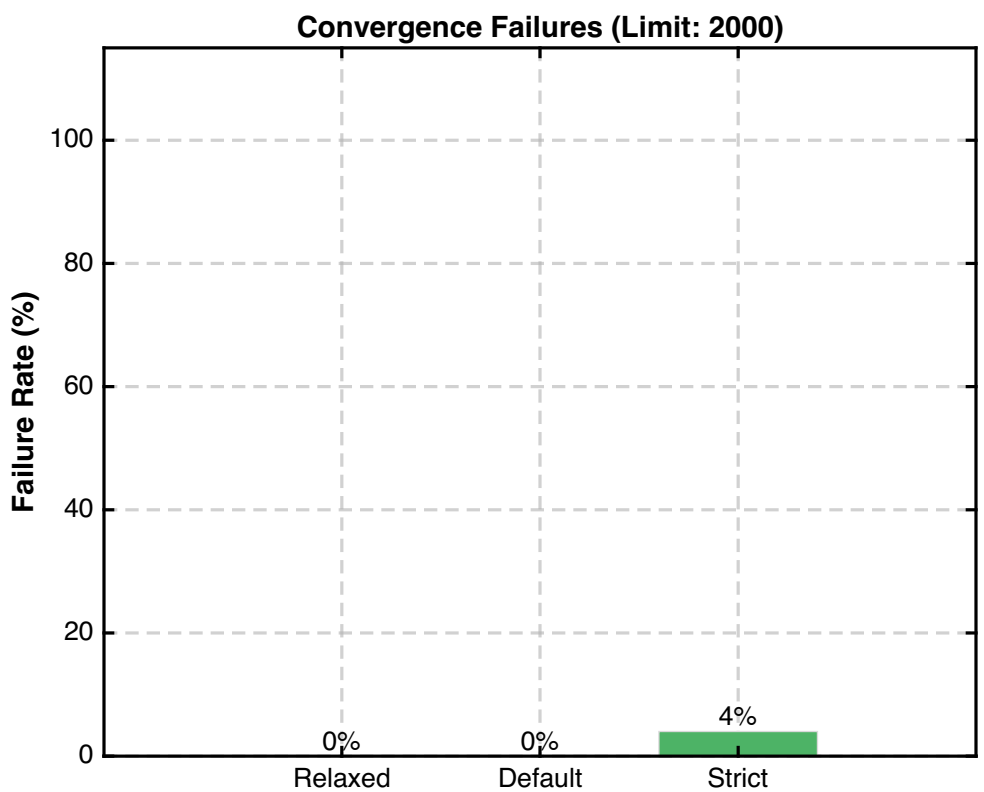
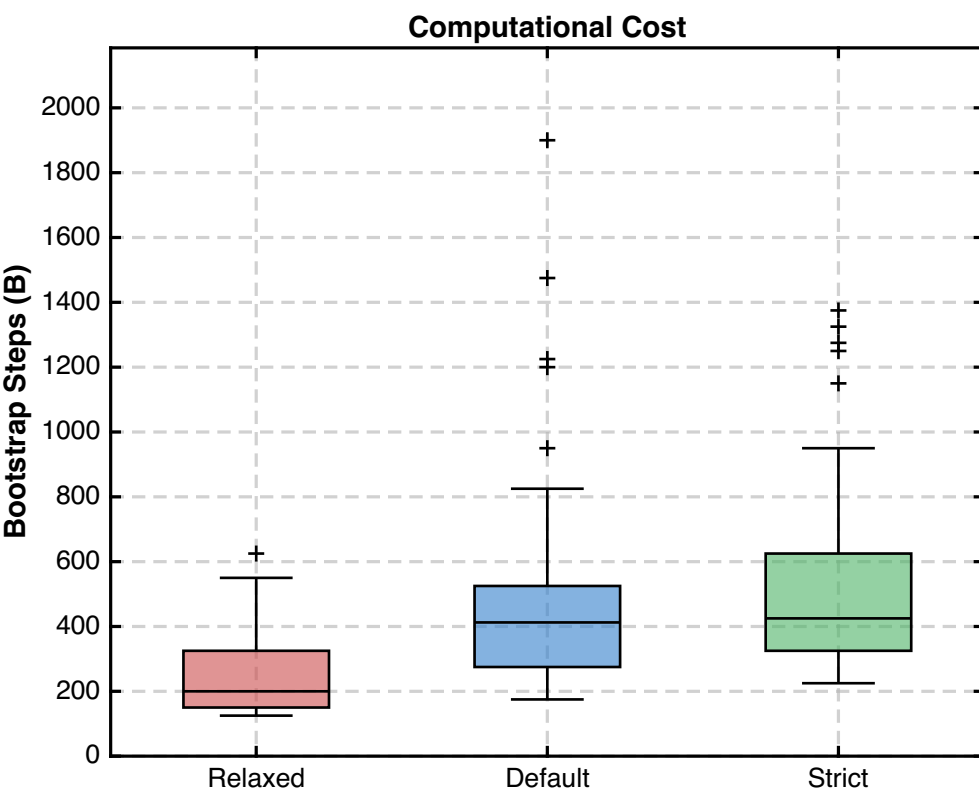
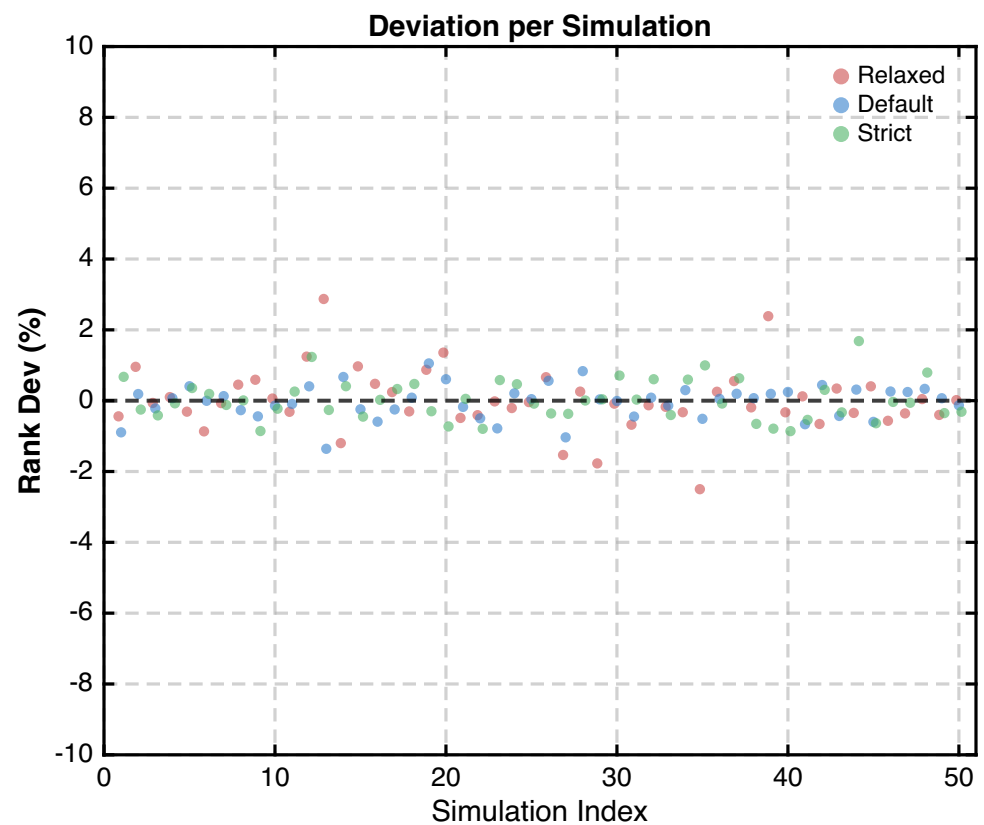
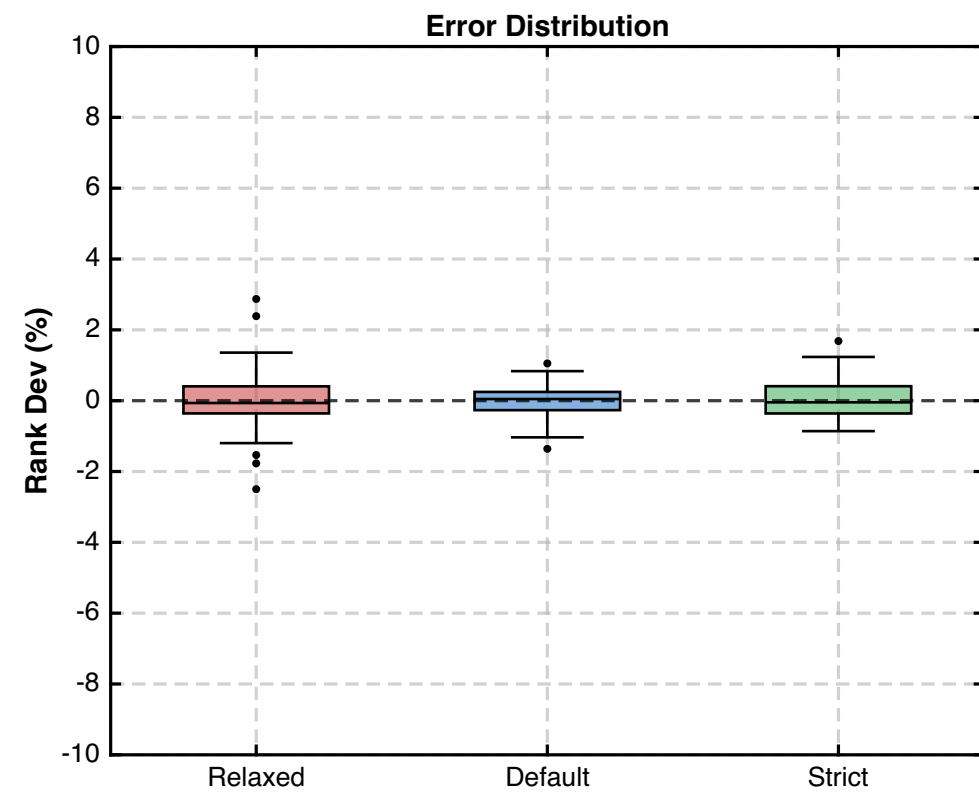
Thresholds (Delta) Analysis: N 50 Likert



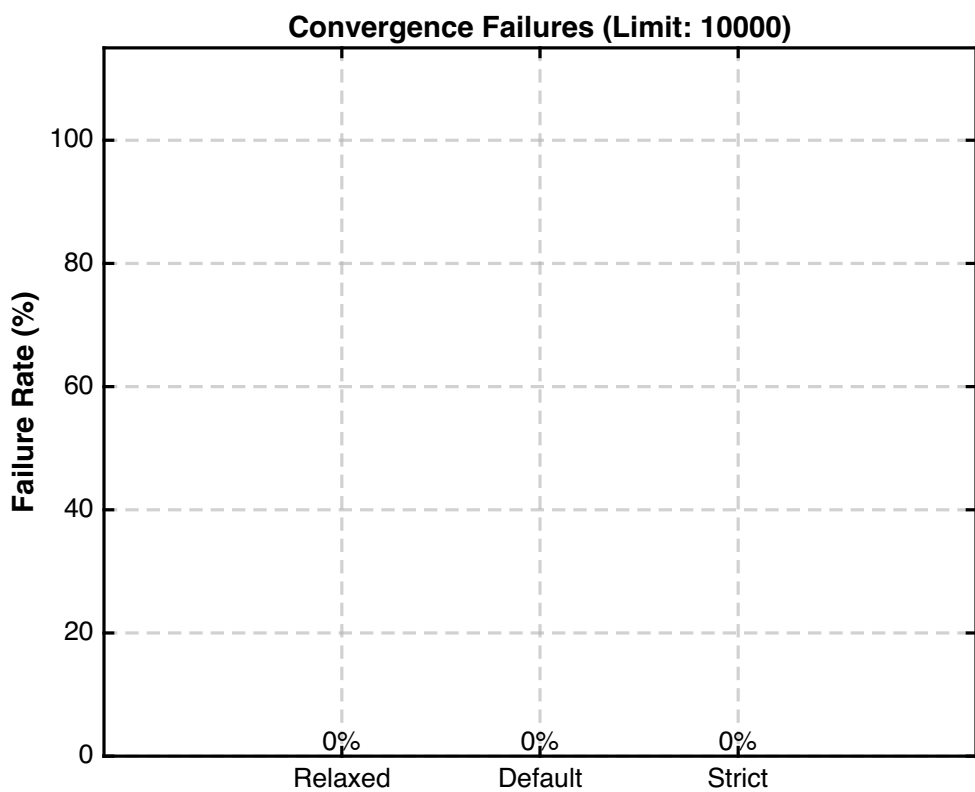
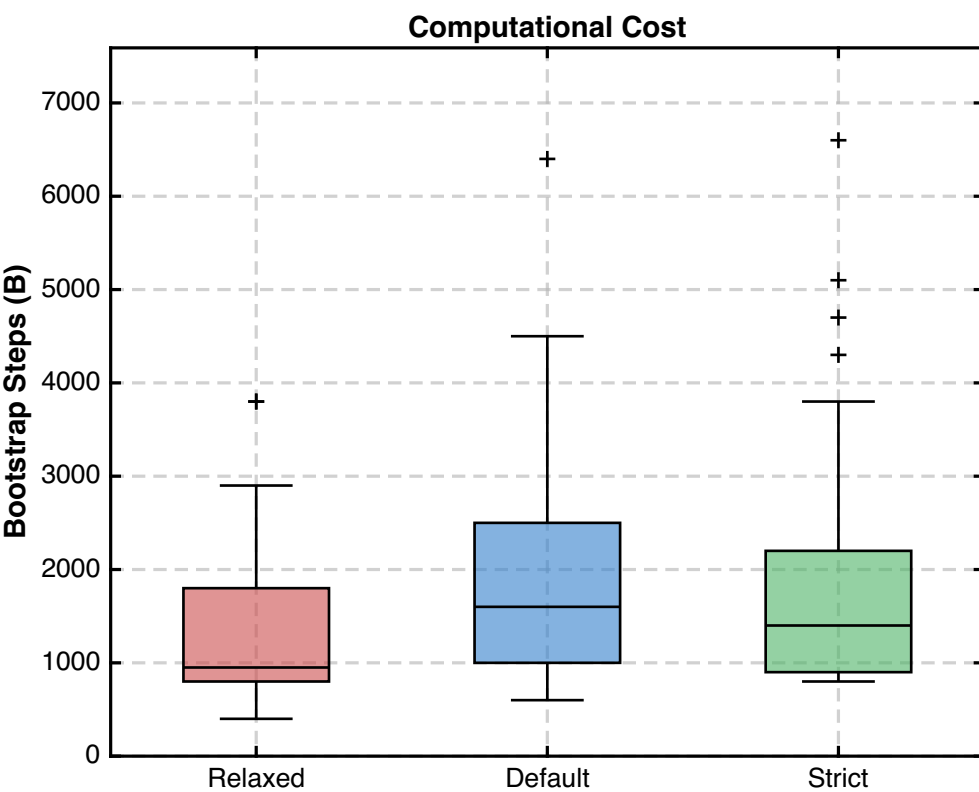
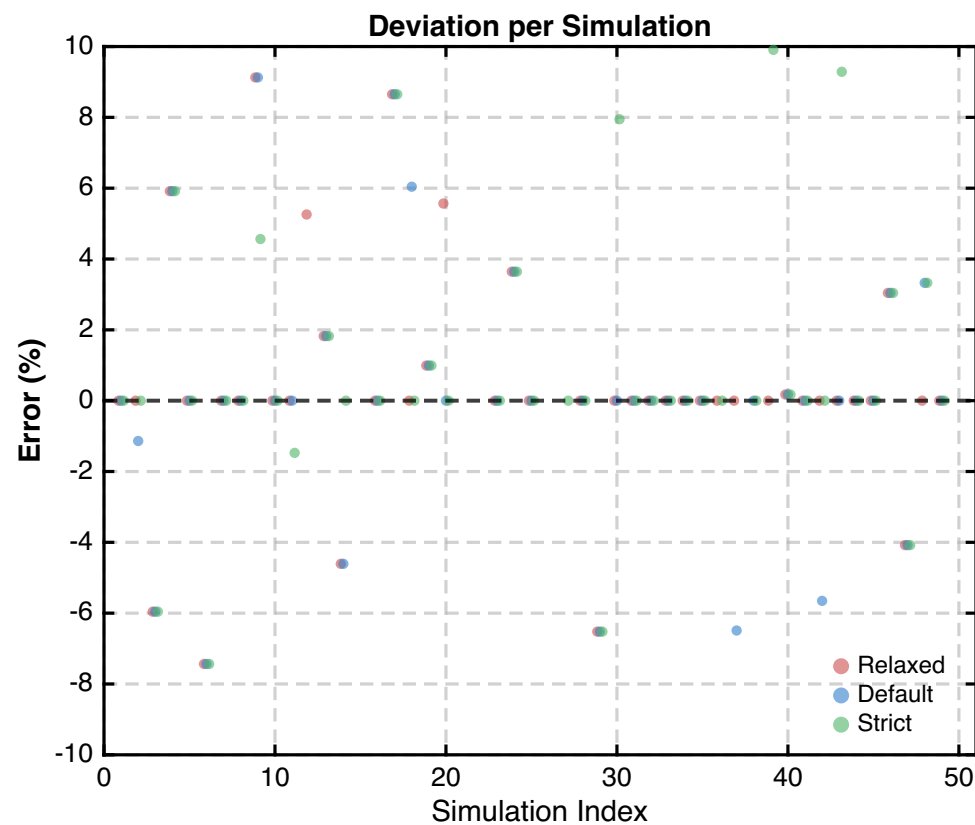
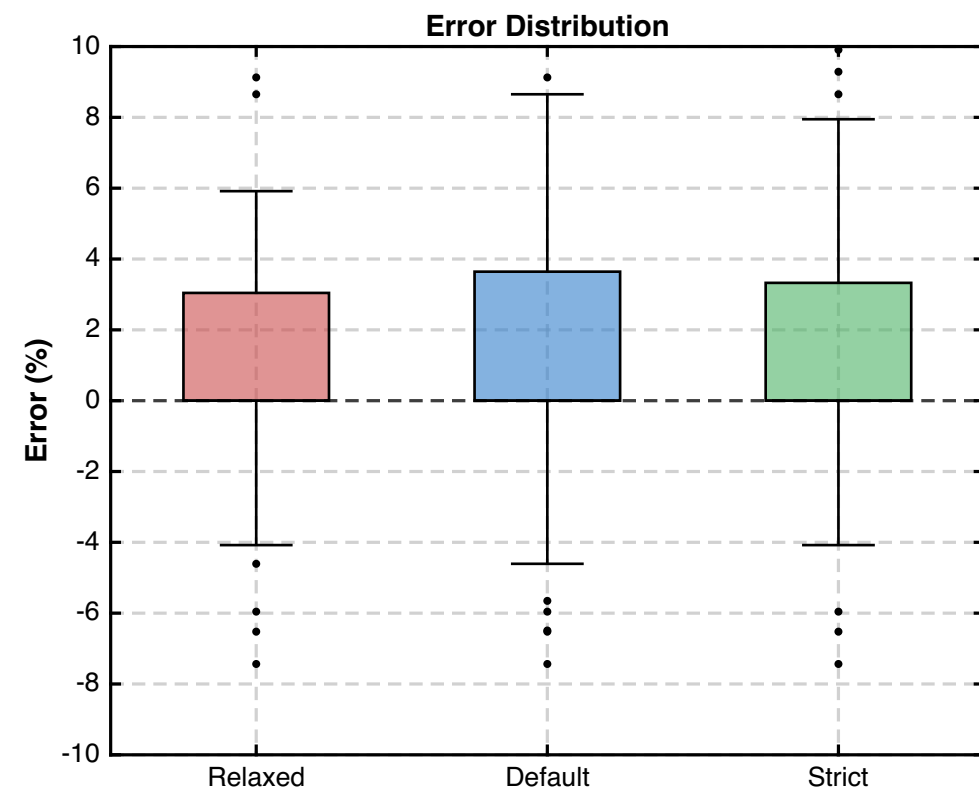
BCa CI (Width) Analysis: N 50 Likert



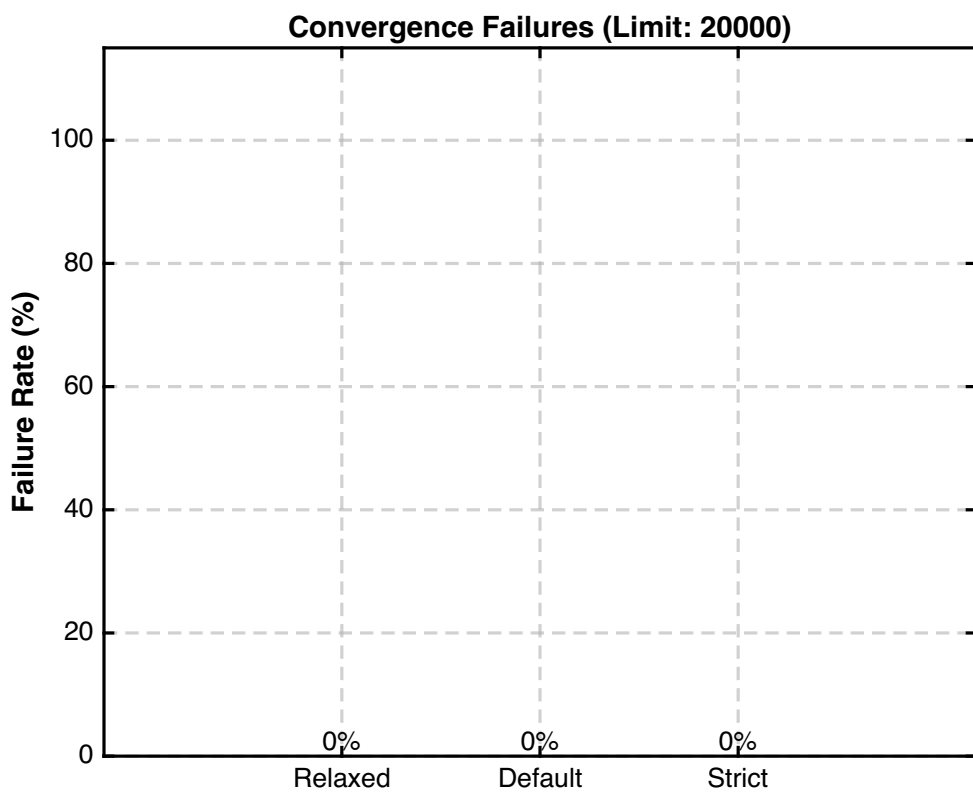
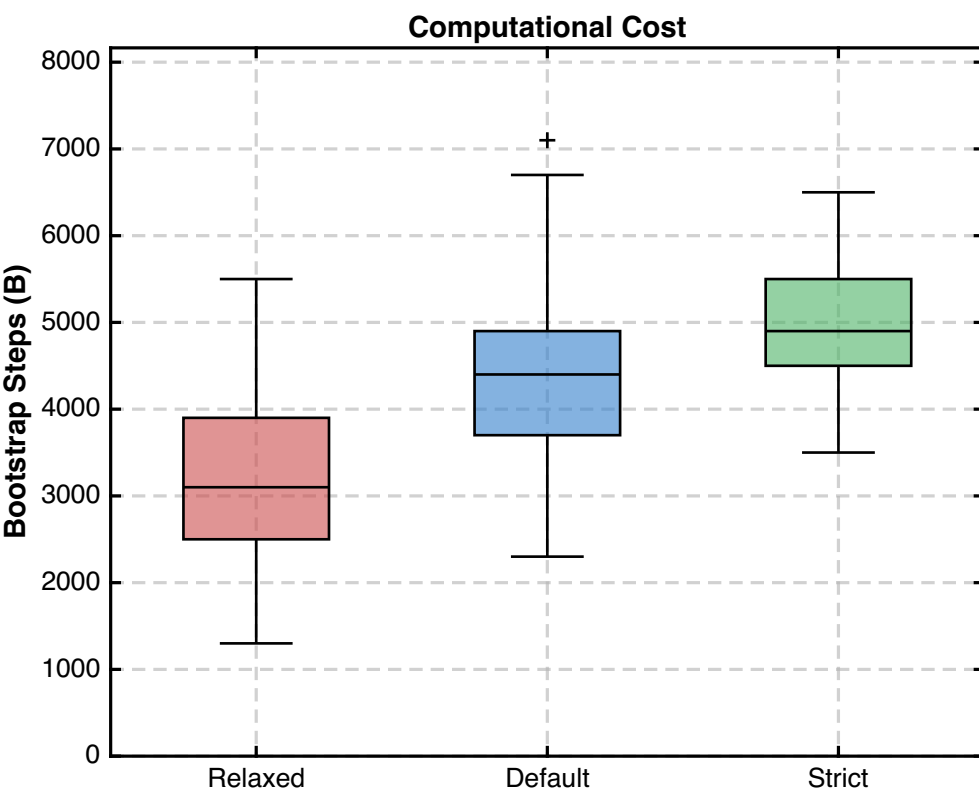
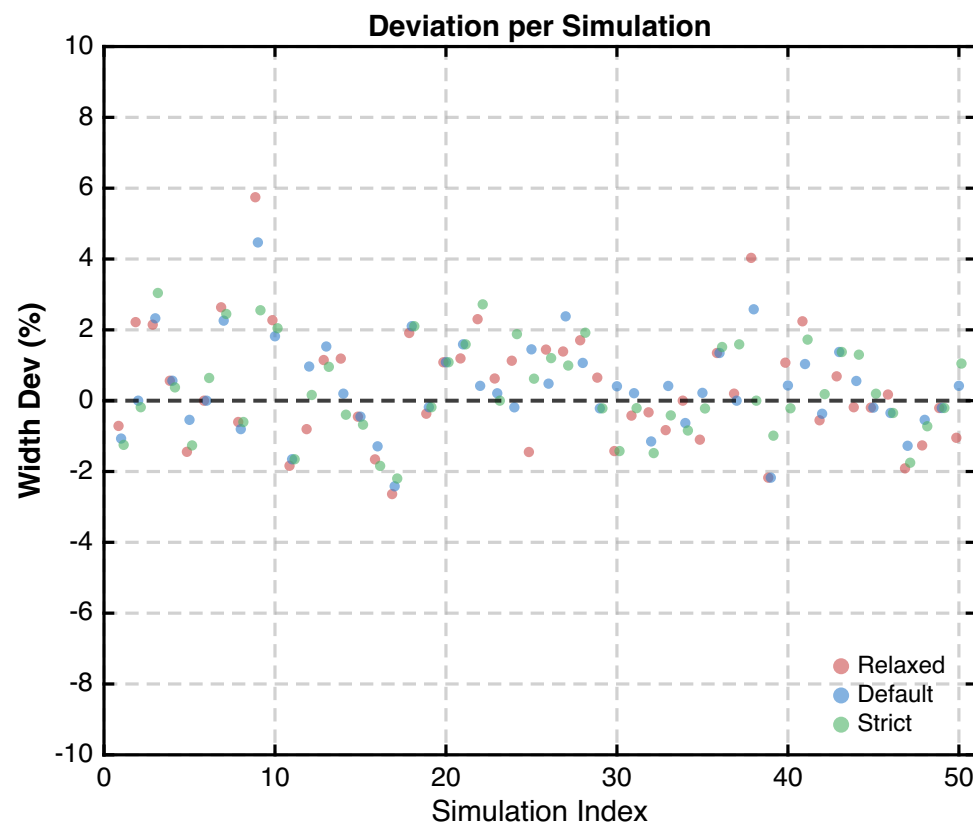
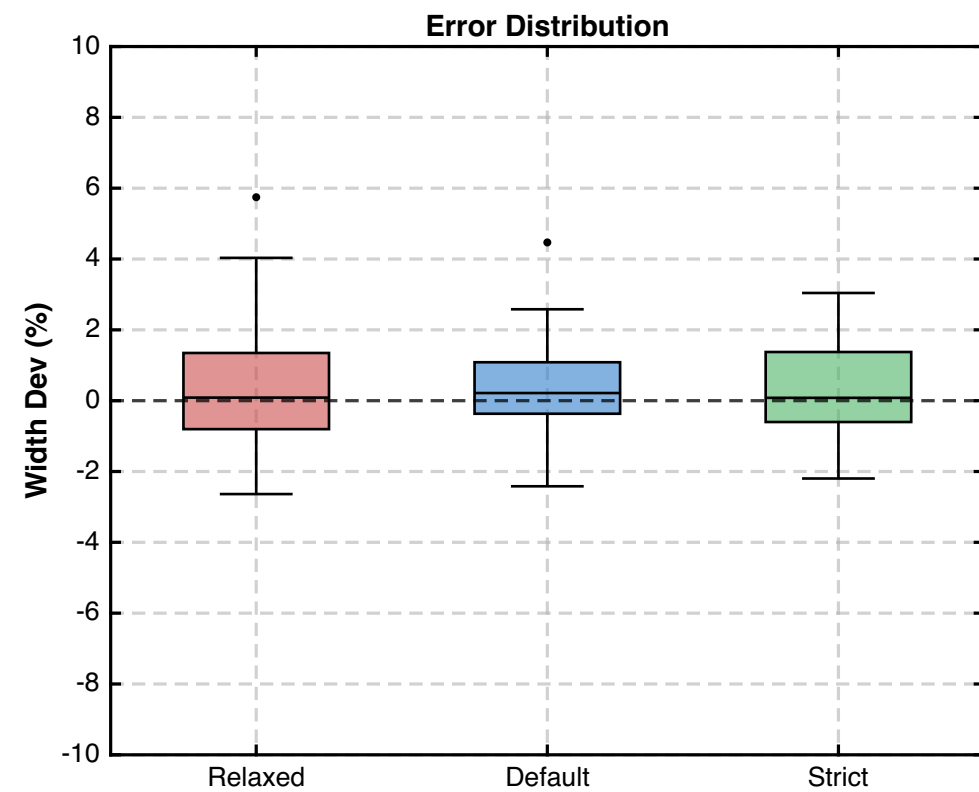
Ranking (Mean) Analysis: N 50 Likert



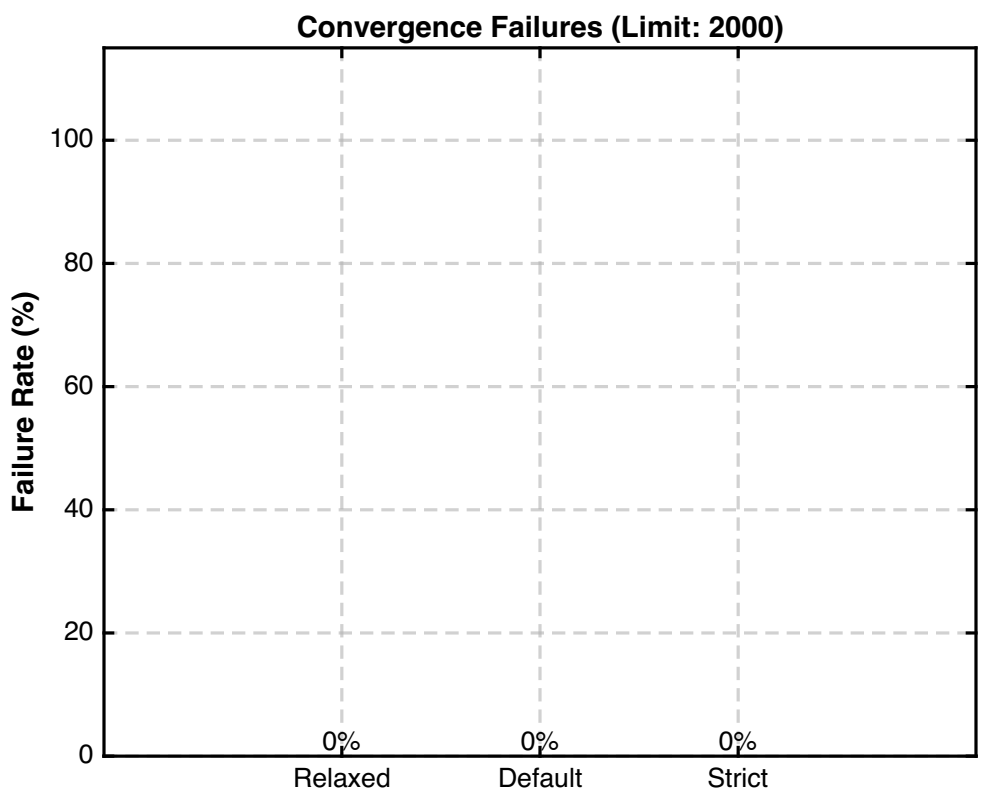
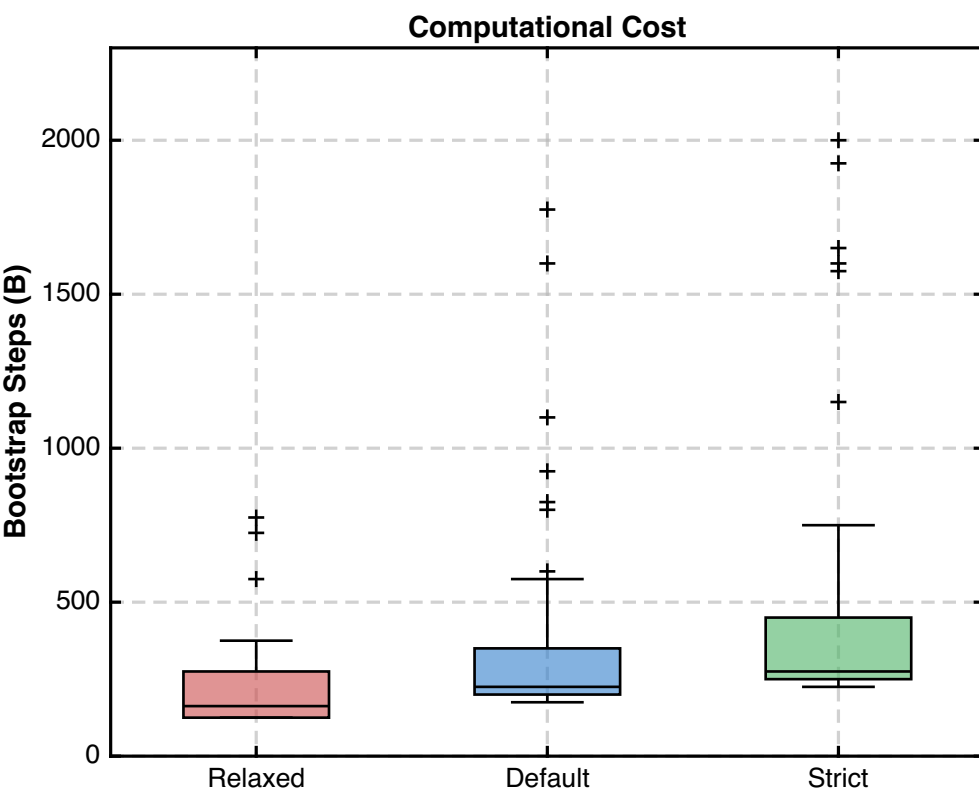
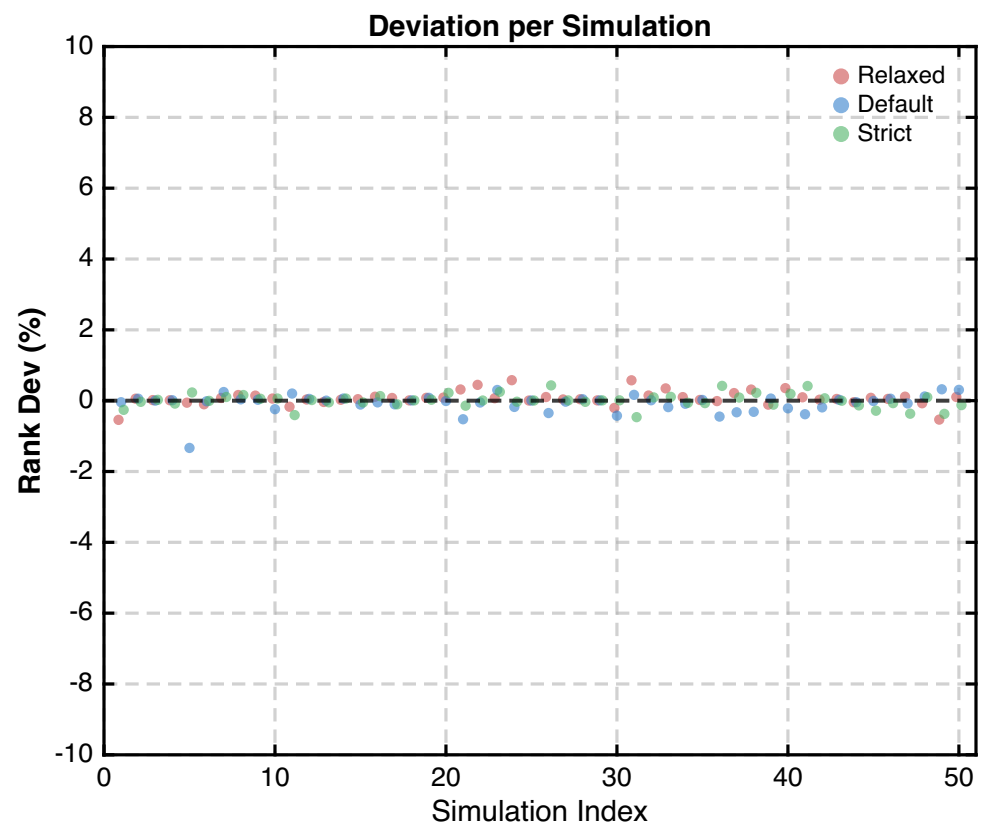
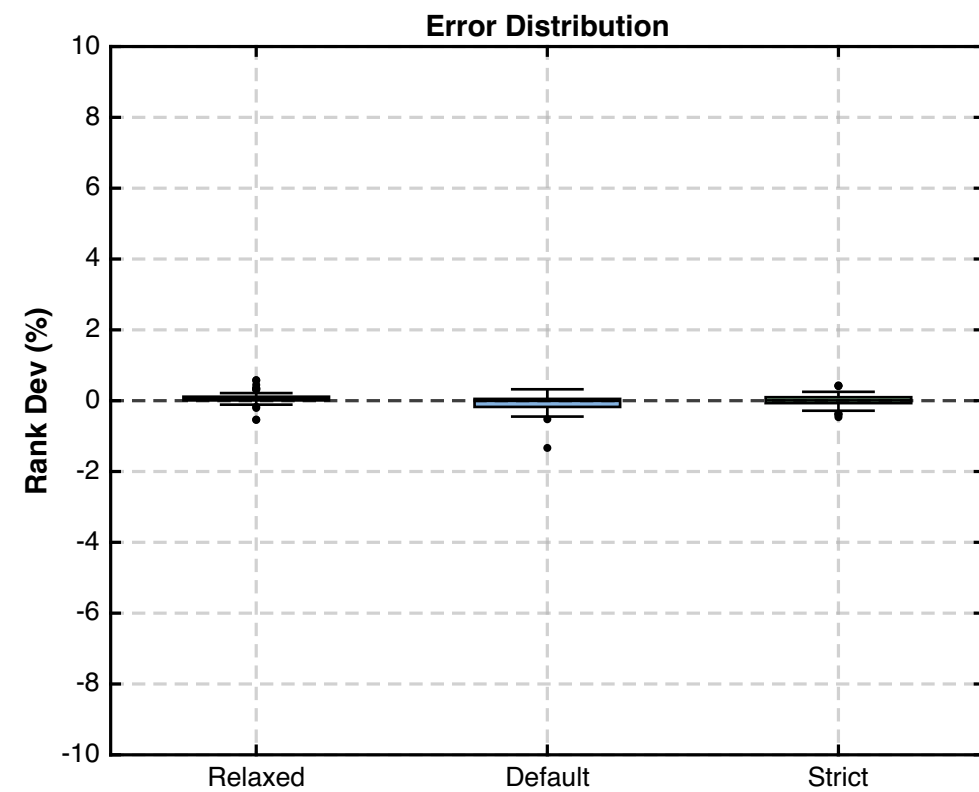
Thresholds (Delta) Analysis: N 50 Bimodal



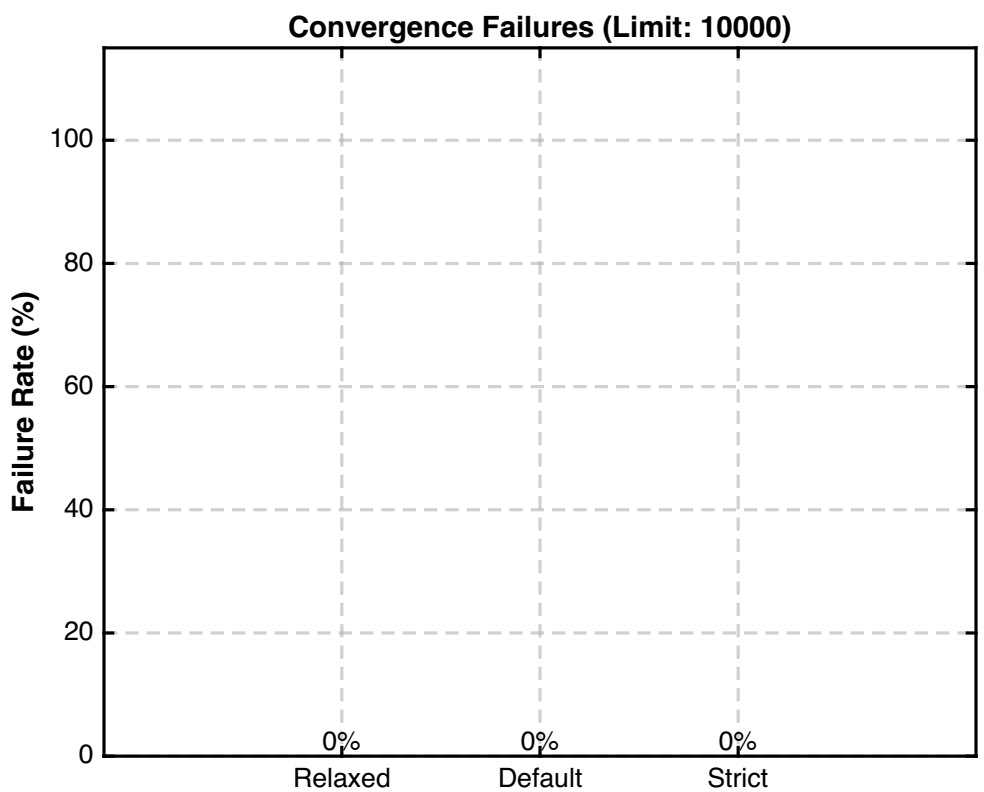
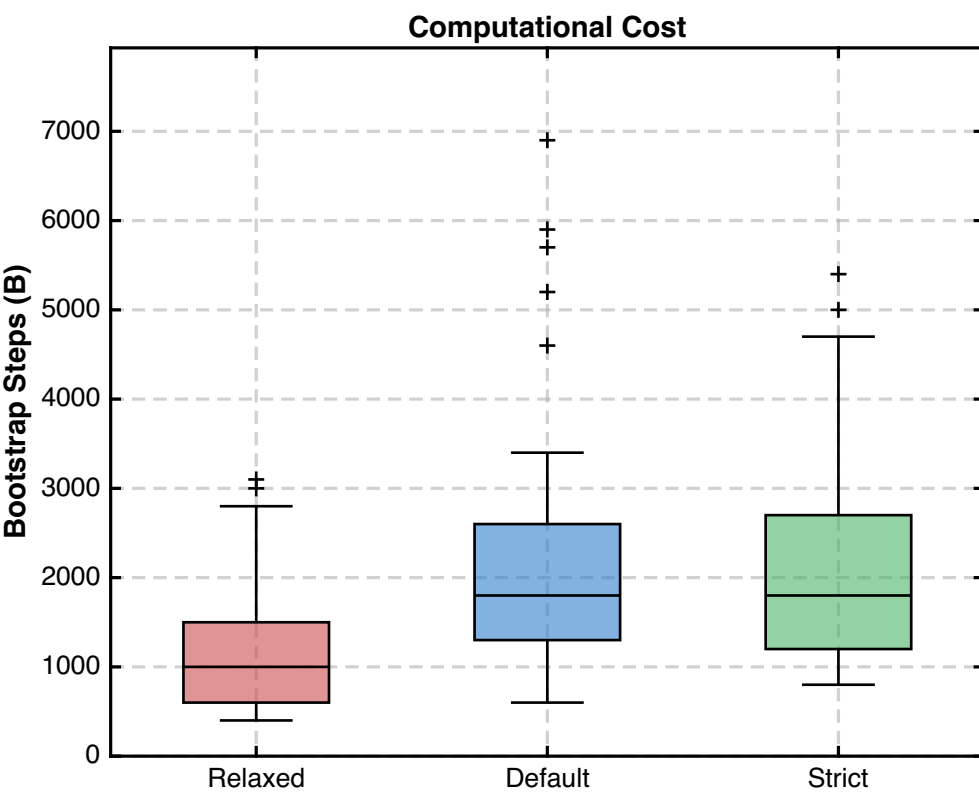
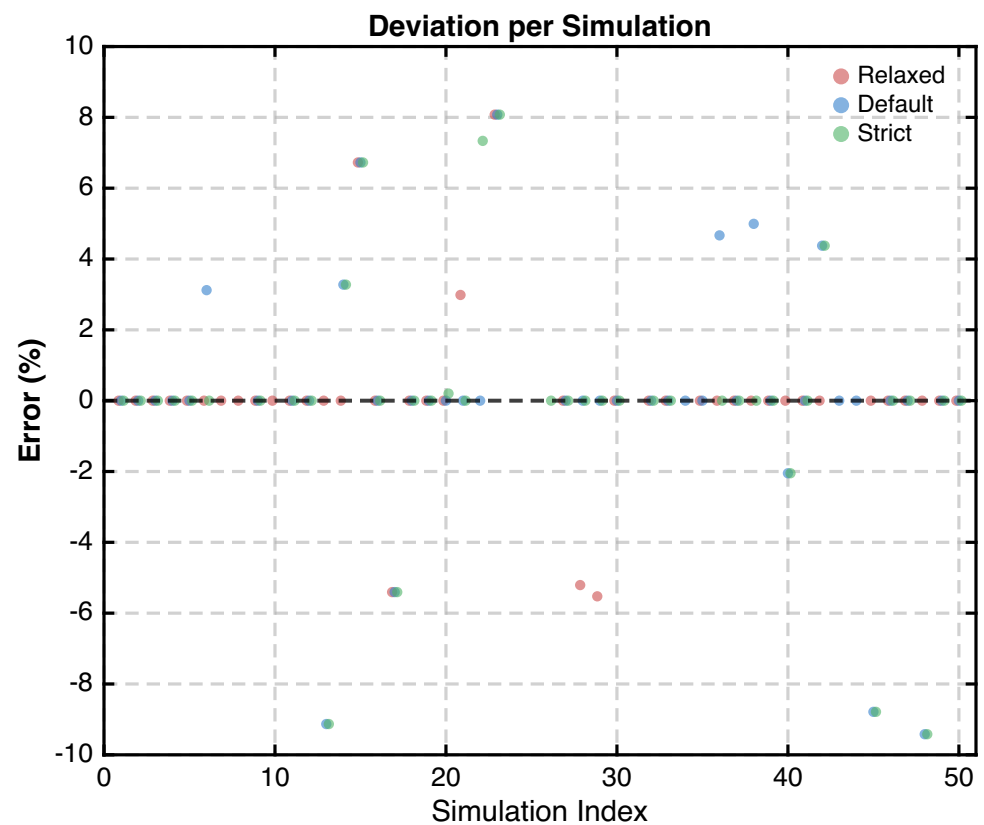
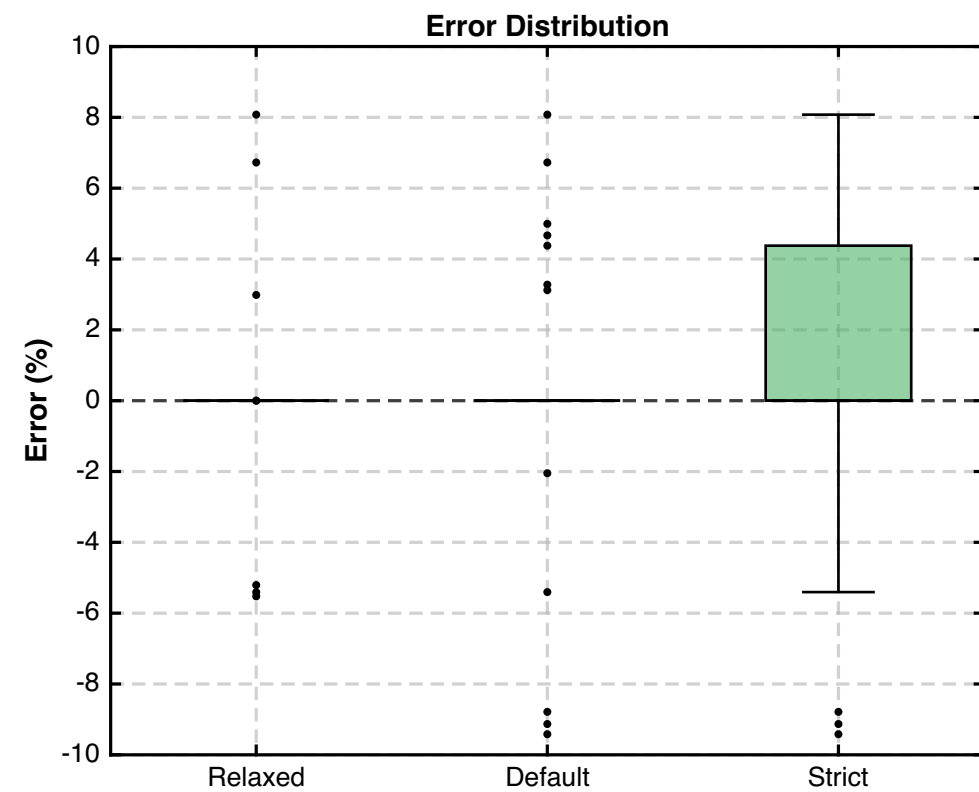
BCa CI (Width) Analysis: N 50 Bimodal



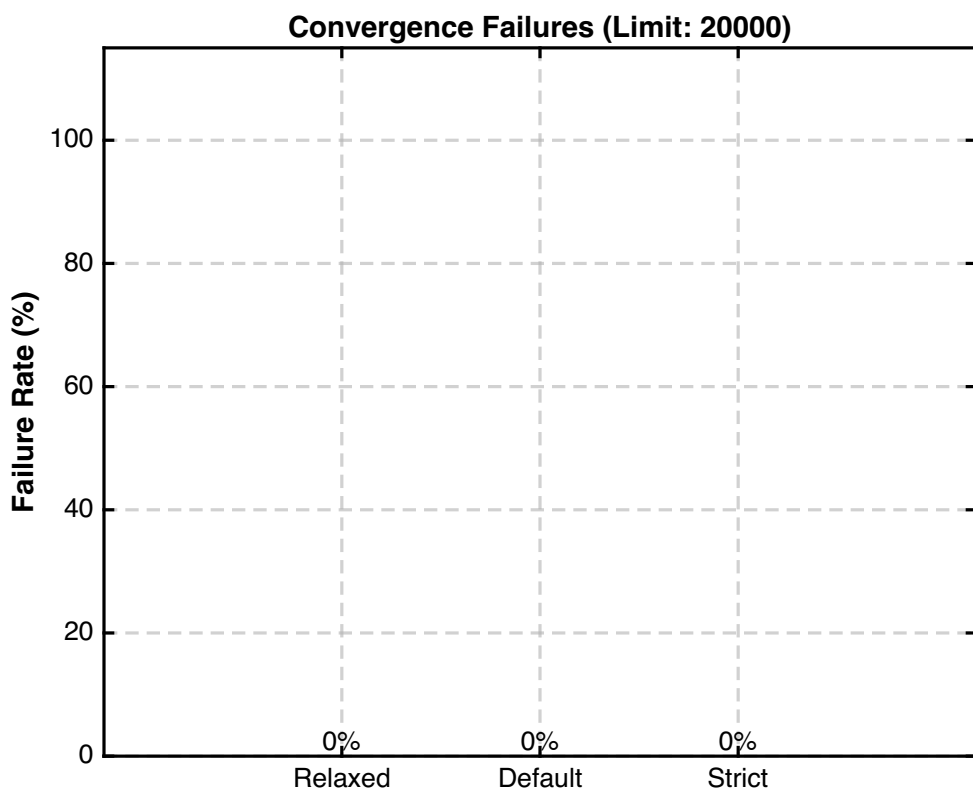
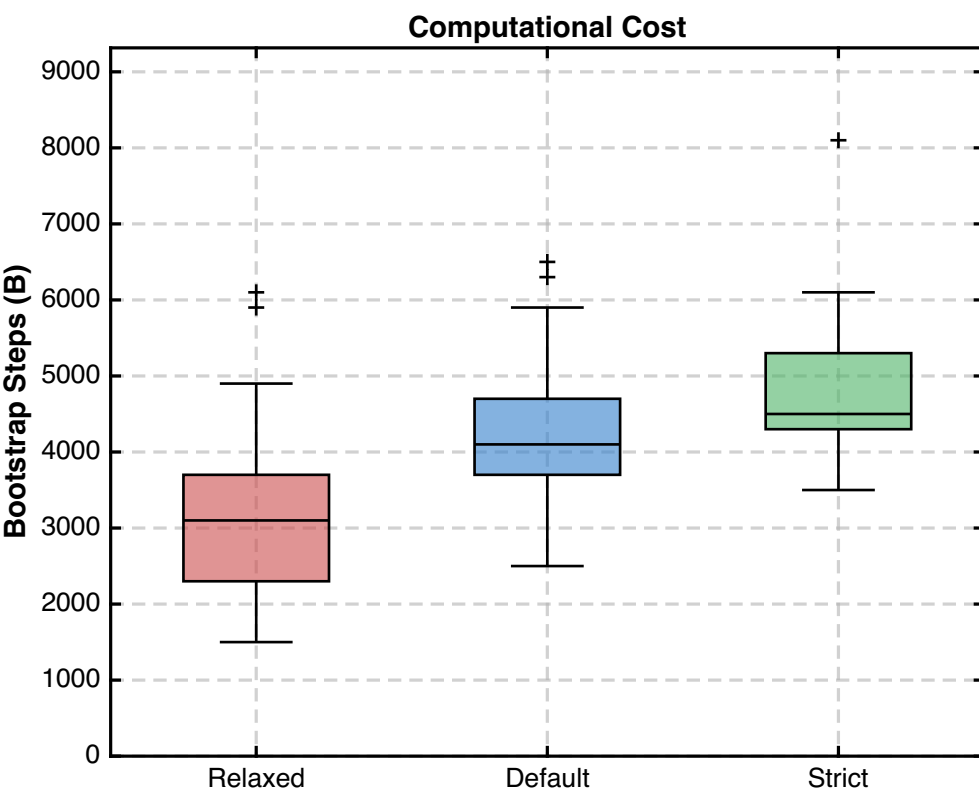
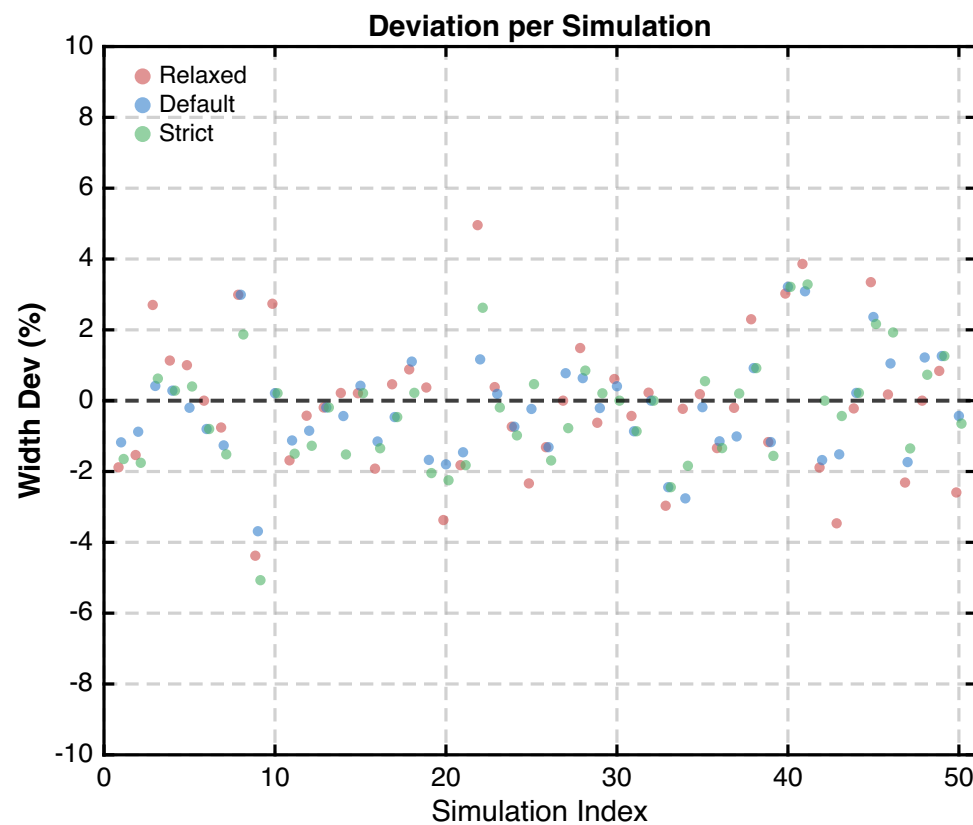
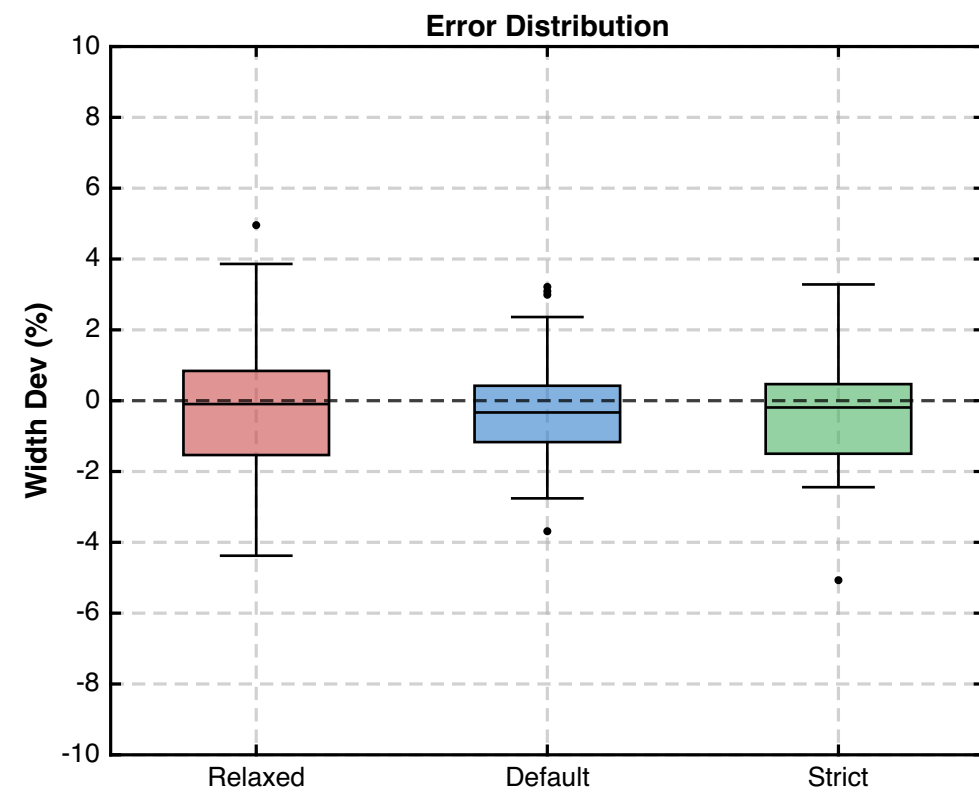
Ranking (Mean) Analysis: N 50 Bimodal



Thresholds (Delta) Analysis: N 50 Large Effect



BCa CI (Width) Analysis: N 50 Large Effect



Ranking (Mean) Analysis: N 50 Large Effect

