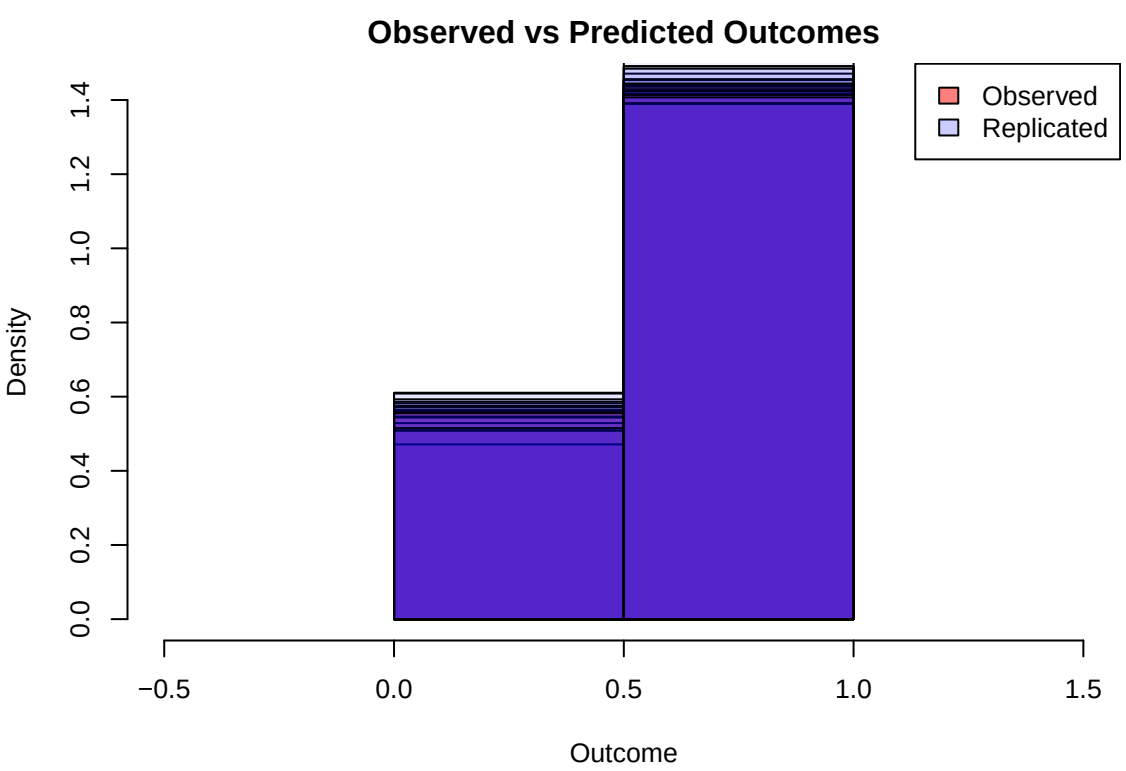
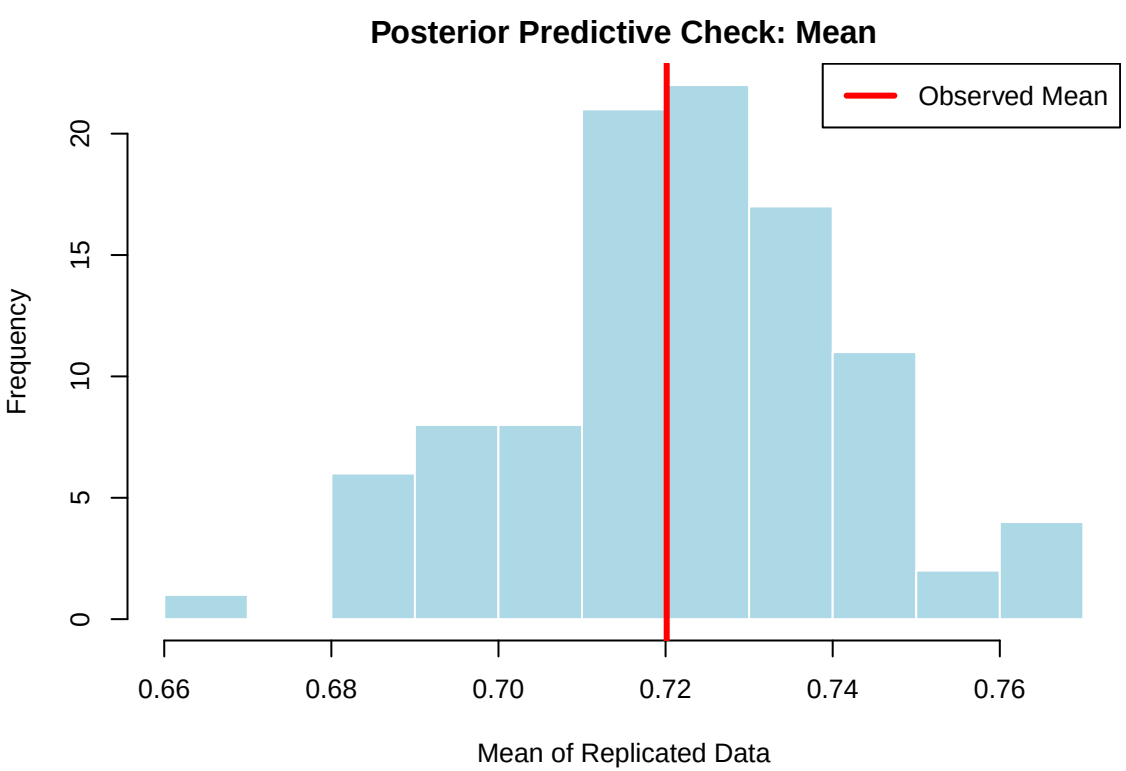
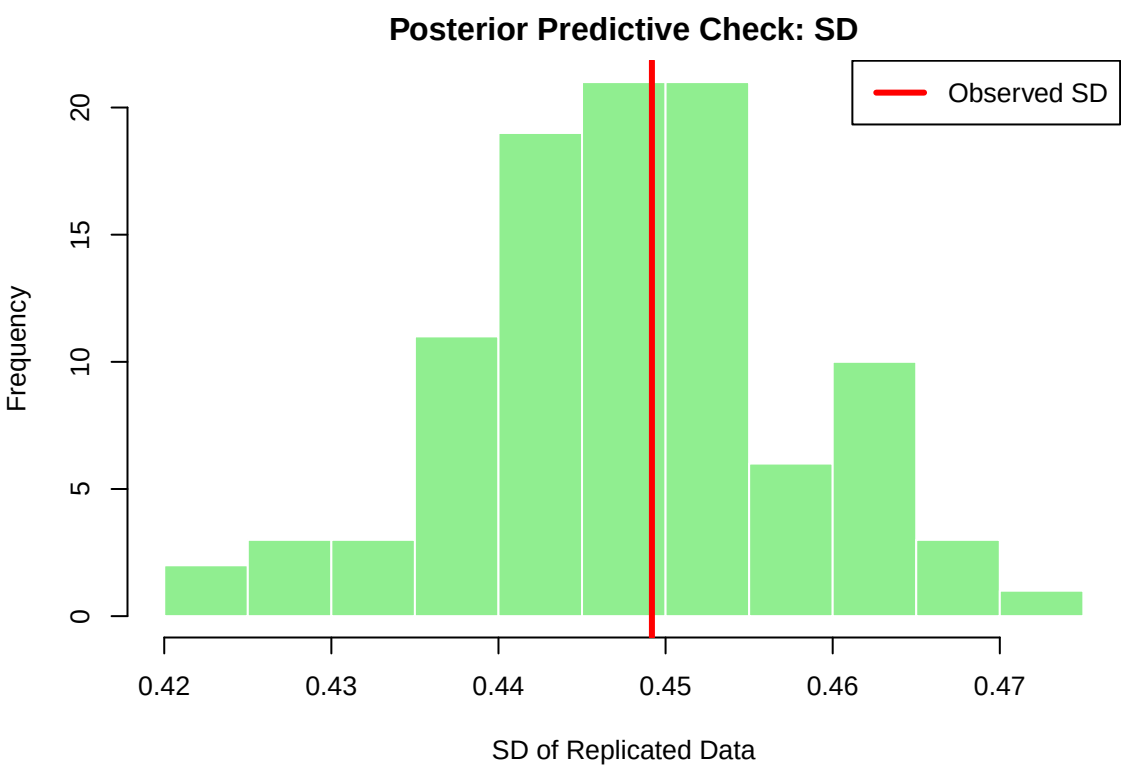
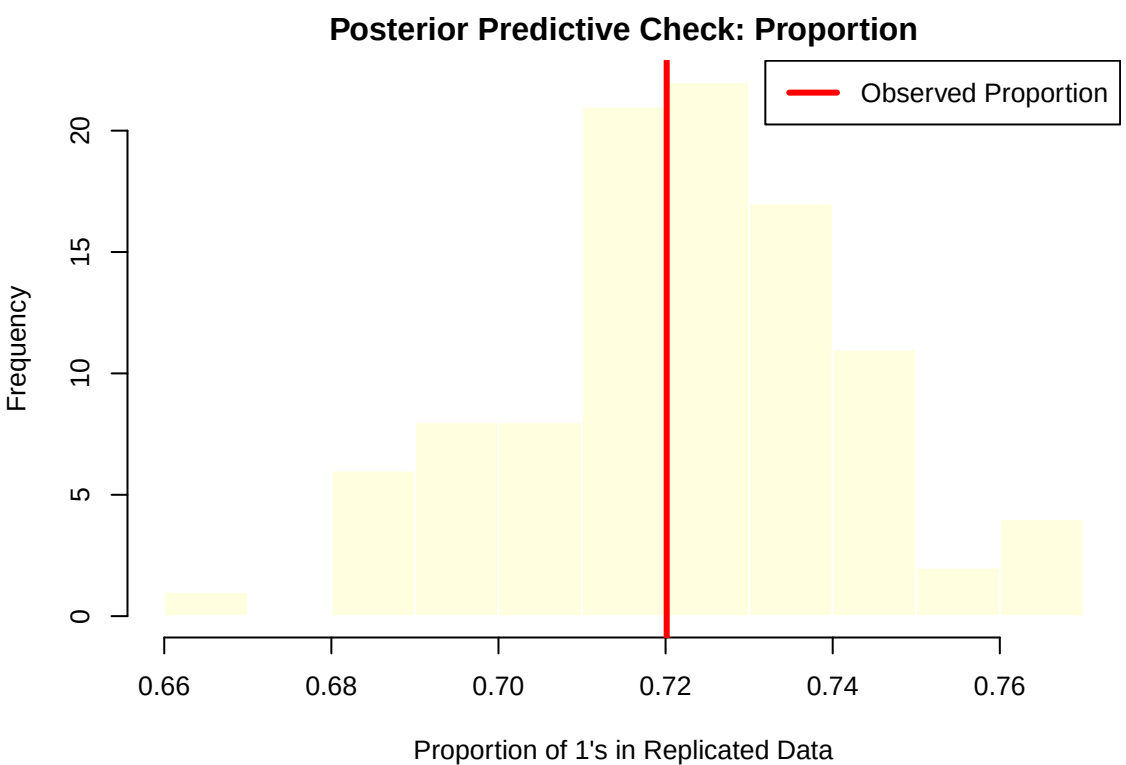

Observed vs Predicted Outcomes
Observed
Replicated
Density
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
−0.5
0.0
0.5
1.0
1.5
Outcome


Posterior Predictive Check: Mean
Observed Mean
Frequency
0
5
10
15
20
0.66
0.68
0.70
0.72
0.74
0.76
Mean of Replicated Data


Posterior Predictive Check: SD
Observed SD
Frequency
0
5
10
15
20
0.42
0.43
0.44
0.45
0.46
0.47
SD of Replicated Data


Posterior Predictive Check: Proportion
Observed Proportion
Frequency
0
5
10
15
20
0.66
0.68
0.70
0.72
0.74
0.76
Proportion of 1's in Replicated Data