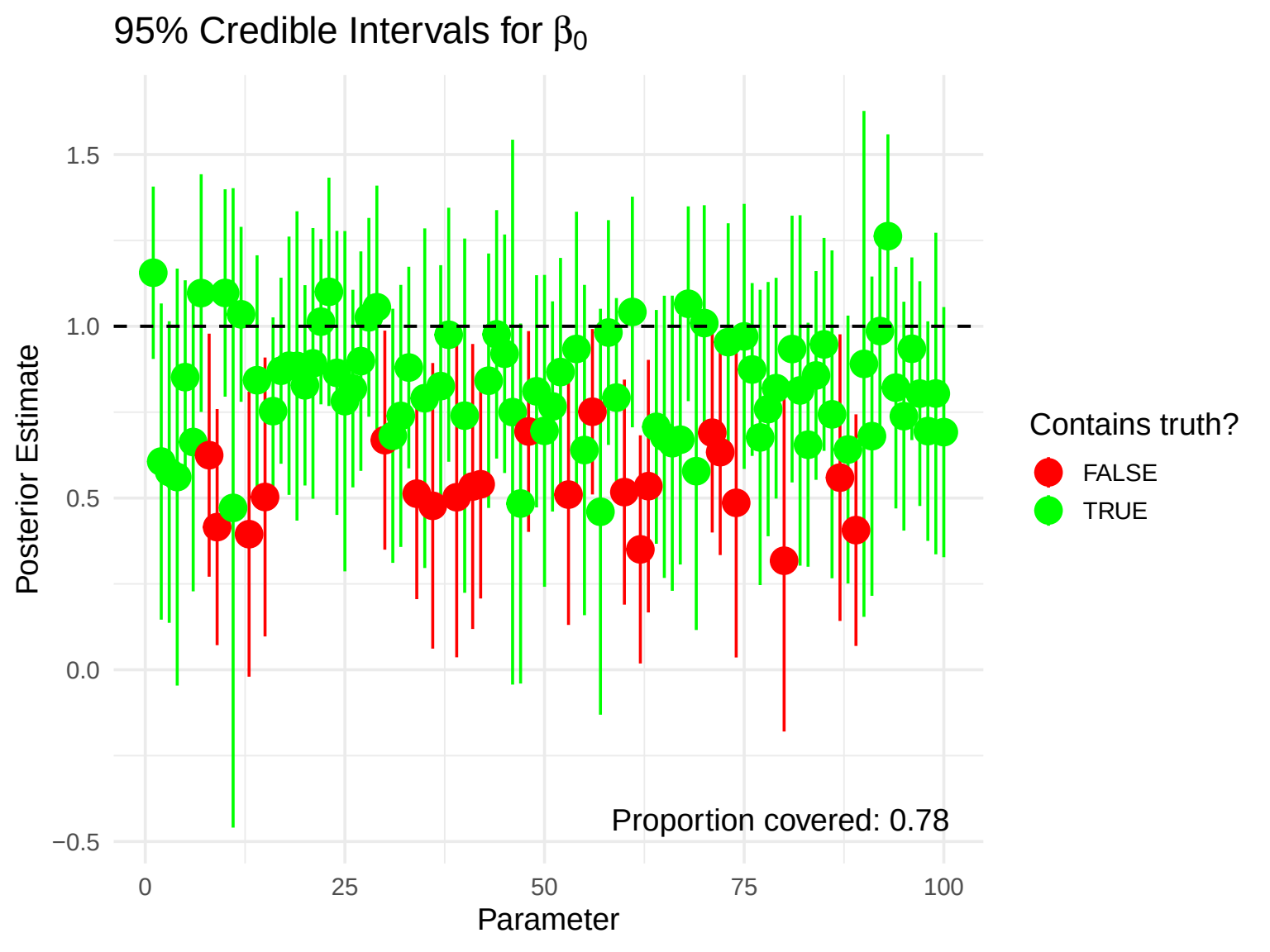
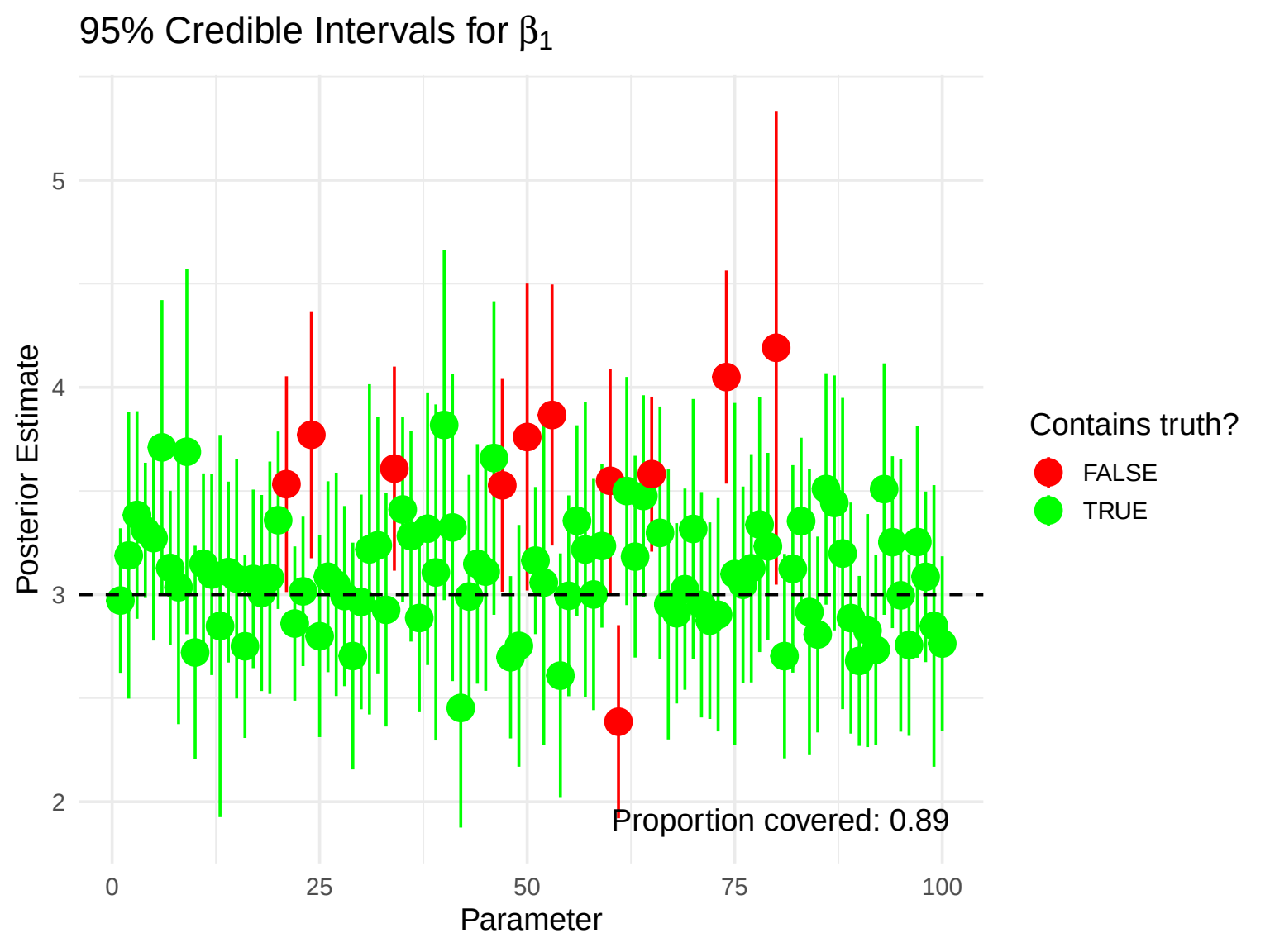
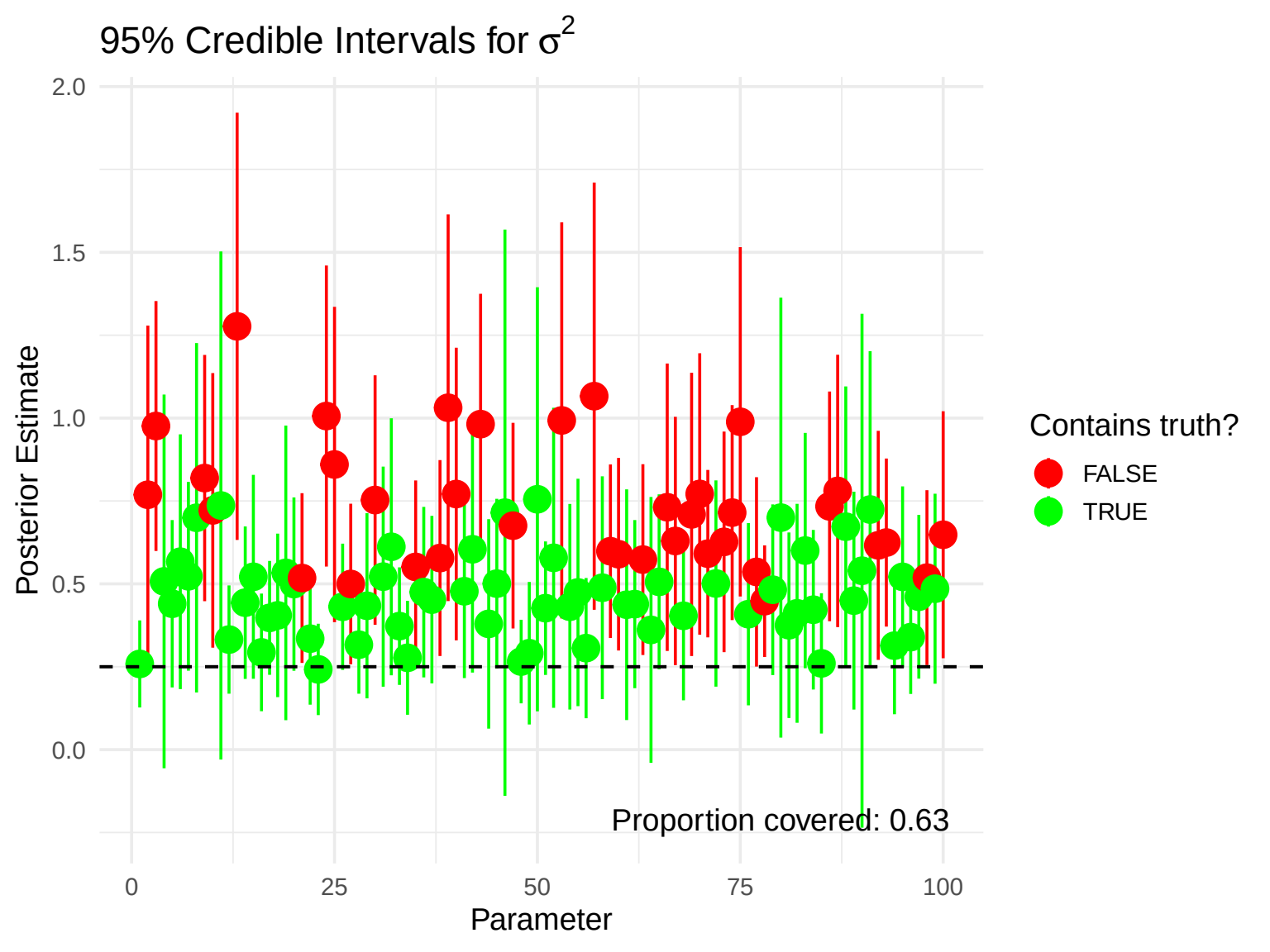
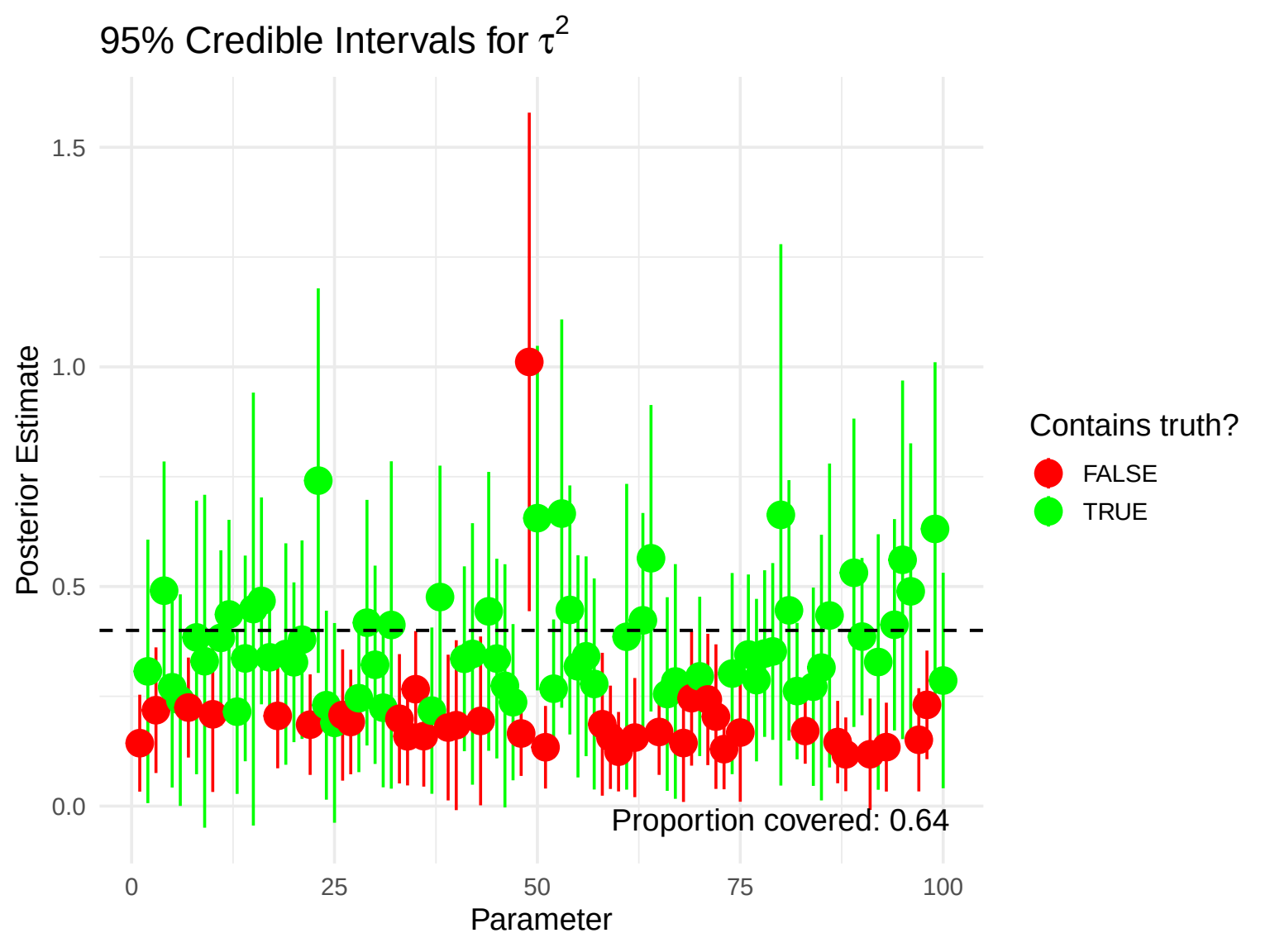
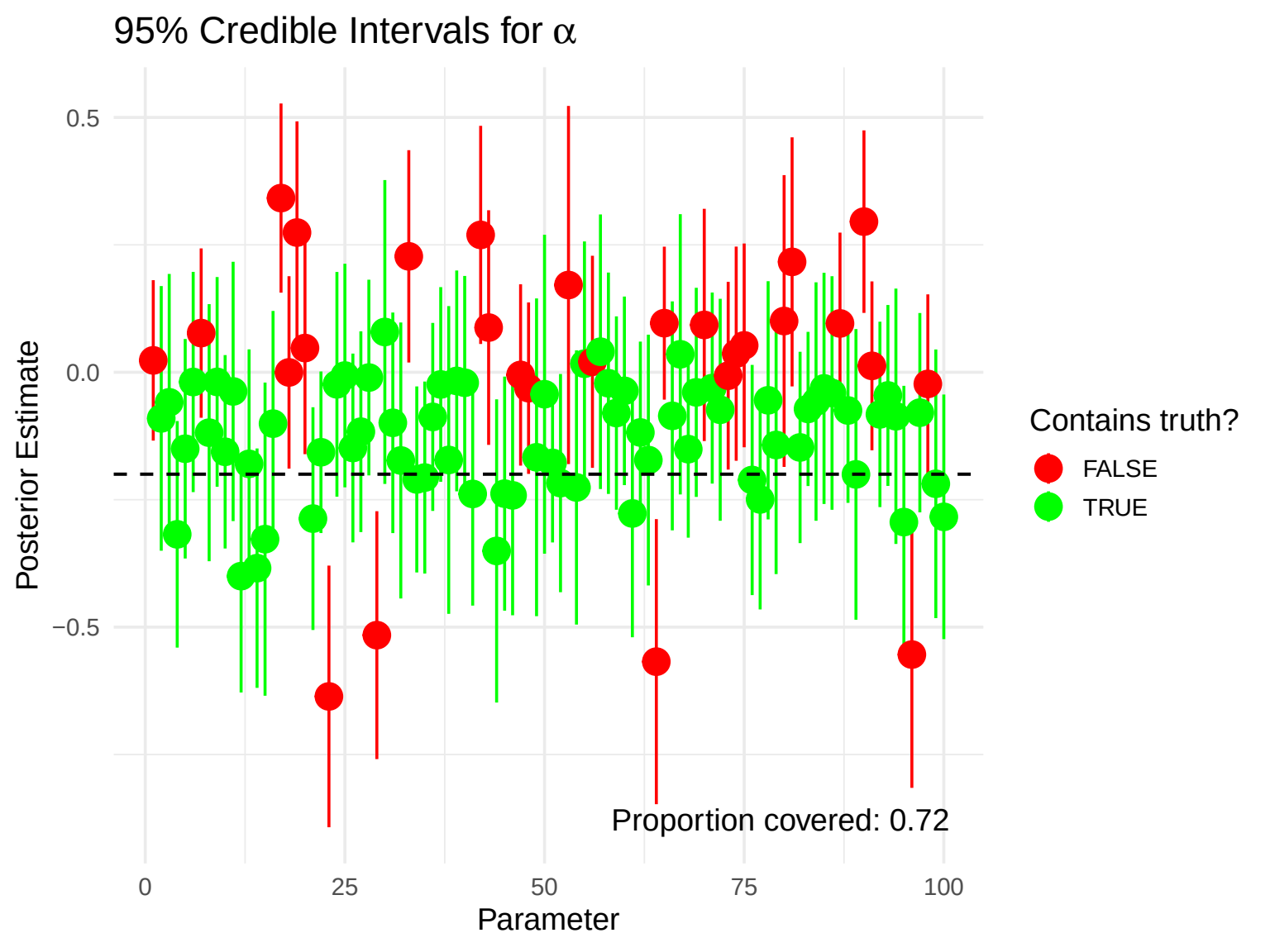

95% Credible Intervals for β_0
Posterior Estimate
1.5
1.0
0.5
0.0
−0.5
0
25
50
75
100
Parameter
Proportion covered: 0.78
Contains truth?
FALSE
TRUE


95% Credible Intervals for β_1
Posterior Estimate
5
4
3
2
0
25
50
75
100
Parameter
Proportion covered: 0.89
Contains truth?
FALSE
TRUE


95% Credible Intervals for σ2
2.0
1.5
1.0
0.5
0.0
Posterior Estimate
Proportion covered: 0.63
0
25
50
75
100
Parameter
Contains truth?
FALSE
TRUE


95% Credible Intervals for τ^2
Posterior Estimate
1.5
1.0
0.5
0.0
0
25
50
75
100
Parameter
Proportion covered: 0.64
Contains truth?
FALSE
TRUE


95% Credible Intervals for α
0.5
0.0
−0.5
Posterior Estimate
0
25
50
75
100
Parameter
Proportion covered: 0.72
Contains truth?
FALSE
TRUE