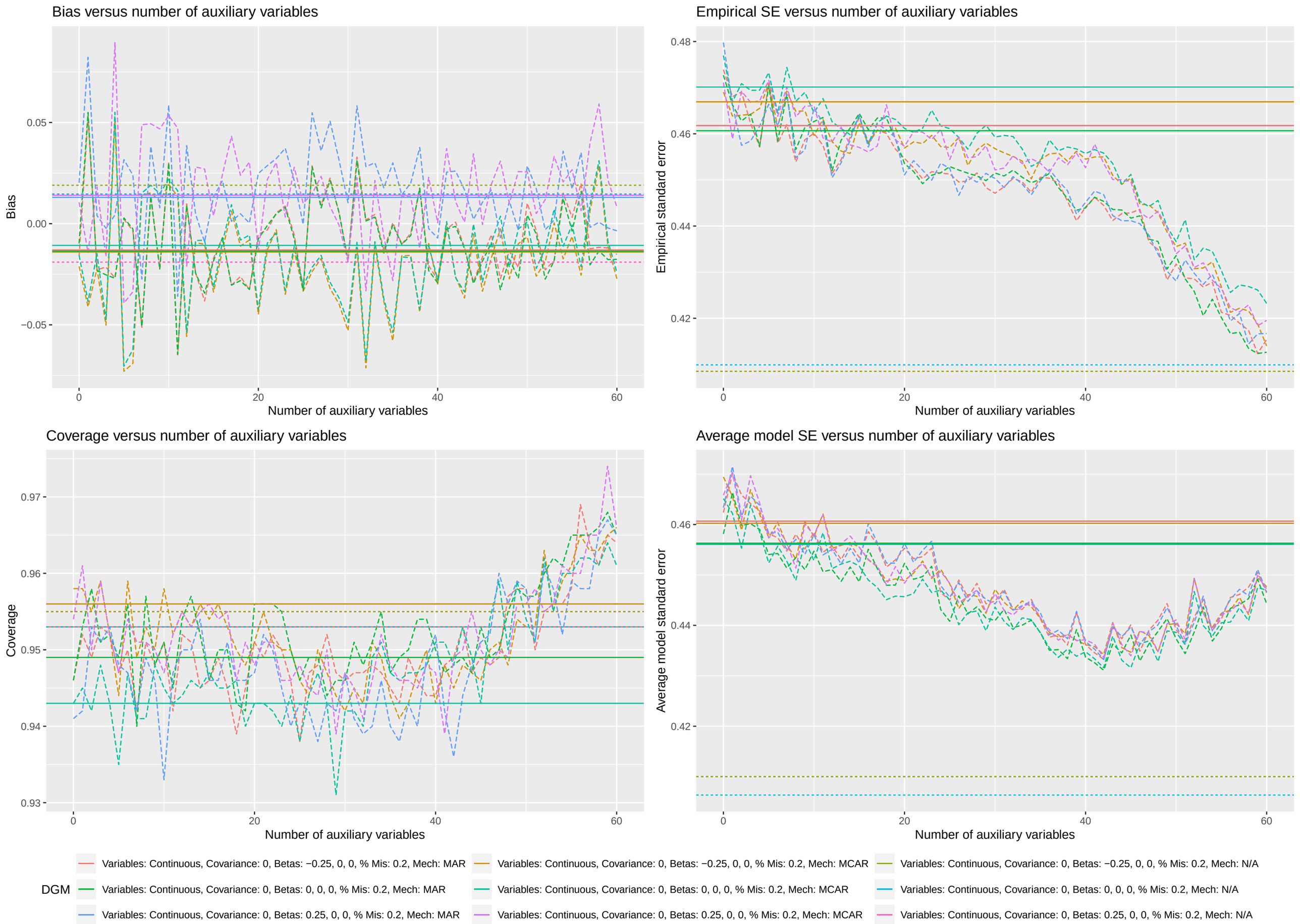
Bias versus number of auxiliary variables
Bias
0.05
0.00
−0.05
0
20
40
60
Number of auxiliary variables
Empirical SE versus number of auxiliary variables
Empirical standard error
0.48
0.46
0.44
0.42
0
20
40
60
Number of auxiliary variables
Coverage versus number of auxiliary variables
Coverage
0.97
0.96
0.95
0.94
0.93
0
20
40
60
Number of auxiliary variables
Average model SE versus number of auxiliary variables
Average model standard error
0.46
0.44
0.42
0
20
40
60
Number of auxiliary variables
DGM
Variables: Continuous, Covariance: 0, Betas: −0.25, 0, 0, % Mis: 0.2, Mech: MAR
Variables: Continuous, Covariance: 0, Betas: 0, 0, 0, % Mis: 0.2, Mech: MAR
Variables: Continuous, Covariance: 0, Betas: 0.25, 0, 0, % Mis: 0.2, Mech: MAR
Variables: Continuous, Covariance: 0, Betas: −0.25, 0, 0, % Mis: 0.2, Mech: MCAR
Variables: Continuous, Covariance: 0, Betas: 0, 0, 0, % Mis: 0.2, Mech: MCAR
Variables: Continuous, Covariance: 0, Betas: 0.25, 0, 0, % Mis: 0.2, Mech: MCAR
Variables: Continuous, Covariance: 0, Betas: −0.25, 0, 0, % Mis: 0.2, Mech: N/A
Variables: Continuous, Covariance: 0, Betas: 0, 0, 0, % Mis: 0.2, Mech: N/A
Variables: Continuous, Covariance: 0, Betas: 0.25, 0, 0, % Mis: 0.2, Mech: N/A
Method
Complete Case Analysis
Full Data Analysis
Logistic Regression