Bias versus number of auxiliary variables

Bias

0.05

0.00

0

5

10

15

Number of auxiliary variables

Empirical SE versus number of auxiliary variables

Empirical standard error

0.475

0.450

0.425

0

5

10

15

Number of auxiliary variables

Relative error versus number of auxiliary variables

Relative error

6

3

0

−3

0

5

10

15

Number of auxiliary variables

Coverage versus number of auxiliary variables

Coverage

0.965

0.960

0.955

0.950

0.945

0.940

0

5

10

15

Number of auxiliary variables

Method — Complete Case Analysis — Full Data Analysis — Logistic Regression

DGM

Binary A, B3_2: −0.02, % Mis: 0.2, Mech: MAR

Binary A, B3_2: −0.02, % Mis: 0.2, Mech: MCAR

Binary A, B3_2: −0.02, % Mis: 0.2, Mech: N/A

Binary A, B3_2: 0, % Mis: 0.2, Mech: MAR

Binary A, B3_2: 0, % Mis: 0.2, Mech: MCAR

Binary A, B3_2: 0, % Mis: 0.2, Mech: N/A

Binary A, B3_2: 0.02, % Mis: 0.2, Mech: MAR

Binary A, B3_2: 0.02, % Mis: 0.2, Mech: MCAR

Binary A, B3_2: 0.02, % Mis: 0.2, Mech: N/A