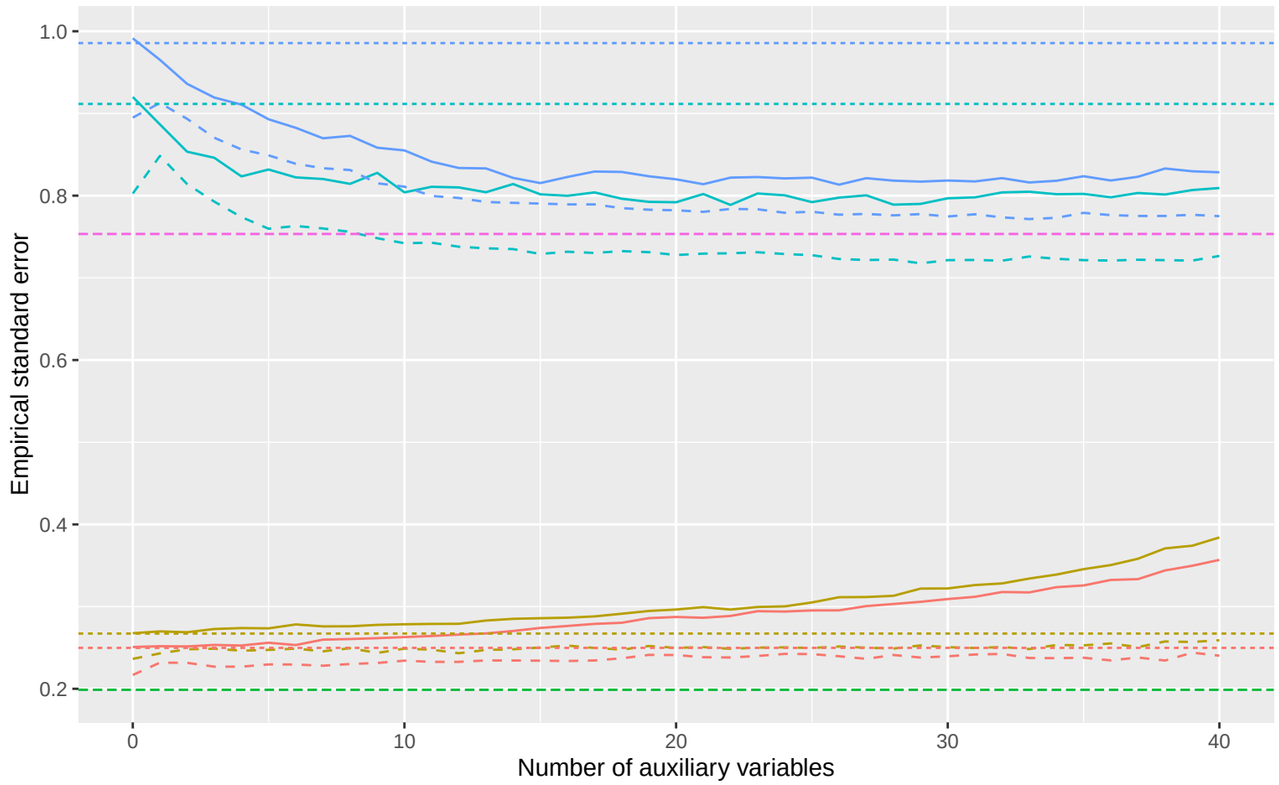
Bias versus number of auxiliary variables

Empirical SE versus number of auxiliary variables



Coverage versus number of auxiliary variables

Average model SE versus number of auxiliary variables

DGM

- Variables: Continuous, Covariance: 0, Beta_X: 0, % Mis: 0.4, Mech: MAR
- Variables: Continuous, Covariance: 0, Beta_X: 0, % Mis: 0.4, Mech: MCAR
- Variables: Continuous, Covariance: 0, Beta_X: 0, % Mis: 0.4, Mech: N/A
- Variables: Continuous, Covariance: 0, Beta_X: 0.2, % Mis: 0.4, Mech: MAR
- Variables: Continuous, Covariance: 0, Beta_X: 0.2, % Mis: 0.4, Mech: MCAR
- Variables: Continuous, Covariance: 0, Beta_X: 0.2, % Mis: 0.4, Mech: N/A

Method

- Bayesian Linear Regression
- Complete Case Analysis
- Full Data Analysis
- Predictive Mean Matching