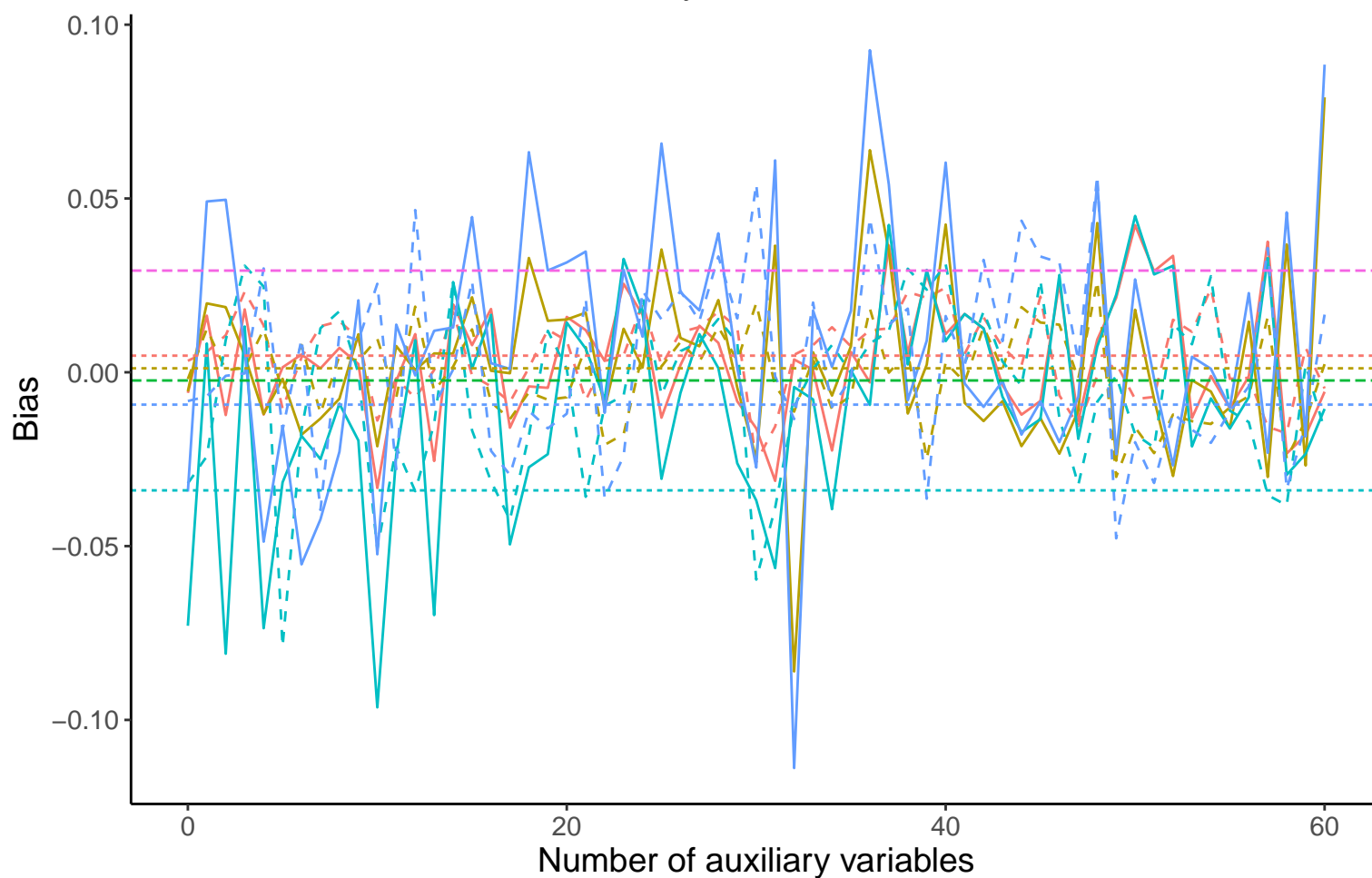
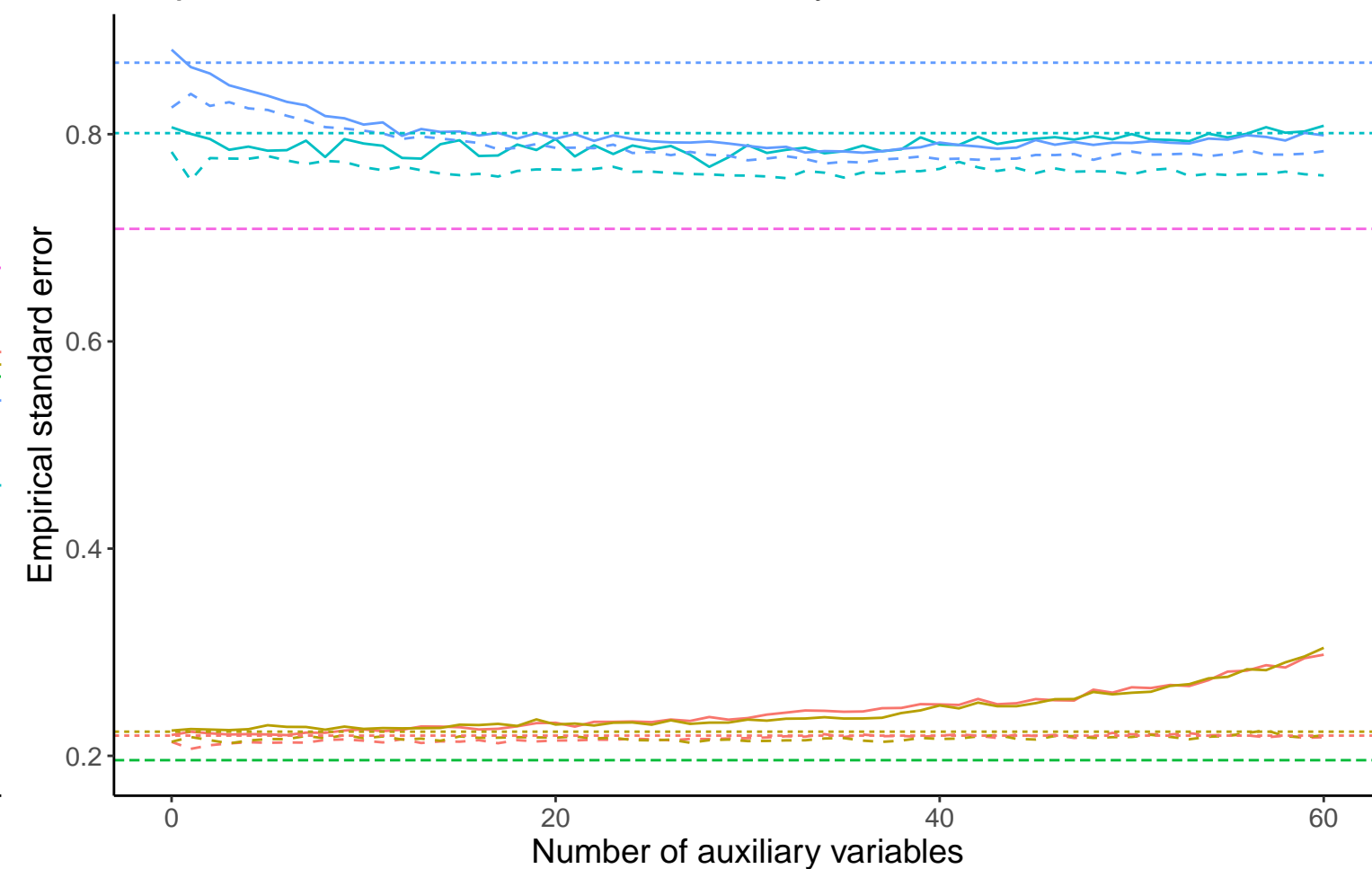


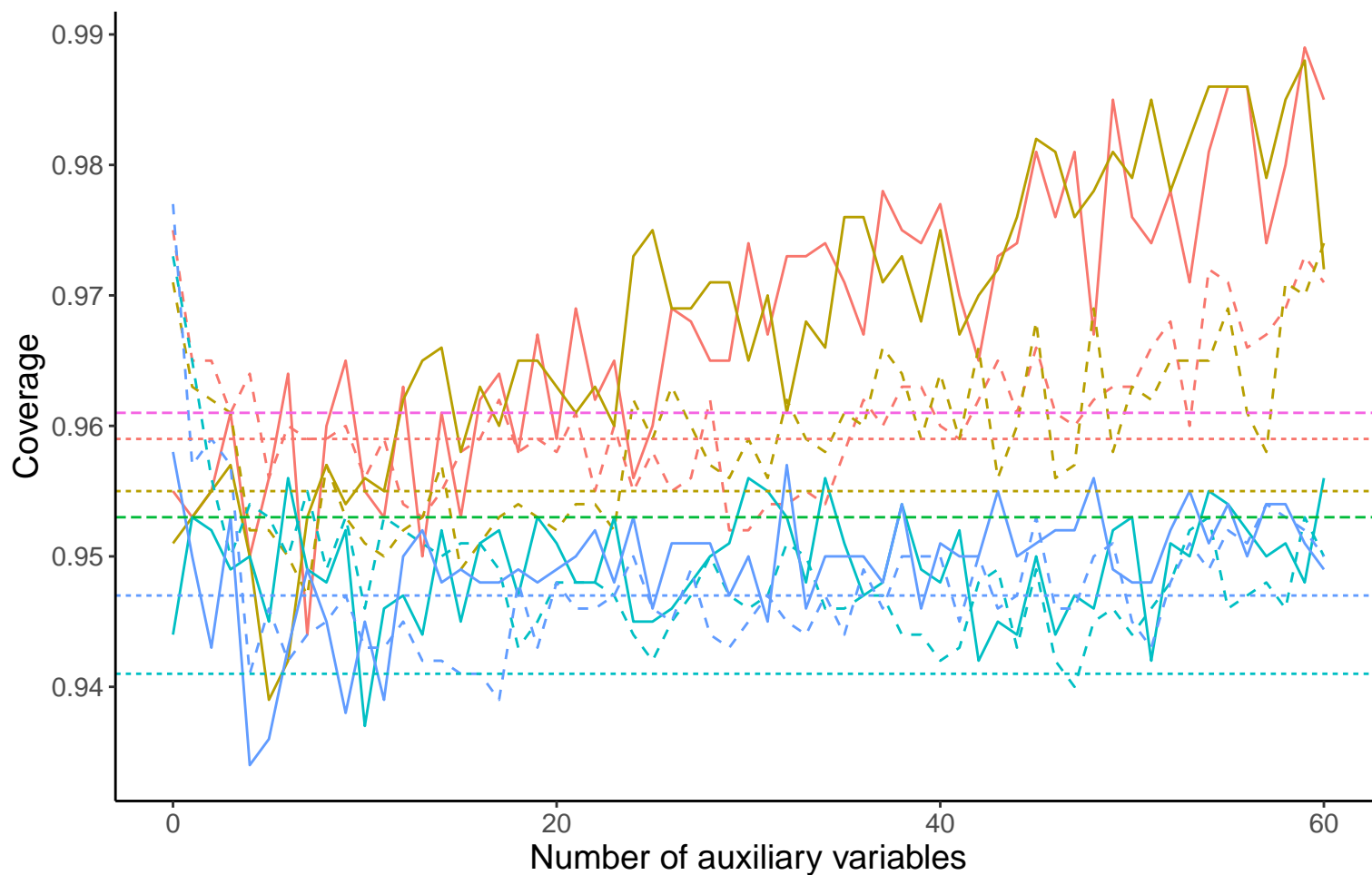
### Bias versus number of auxiliary variables



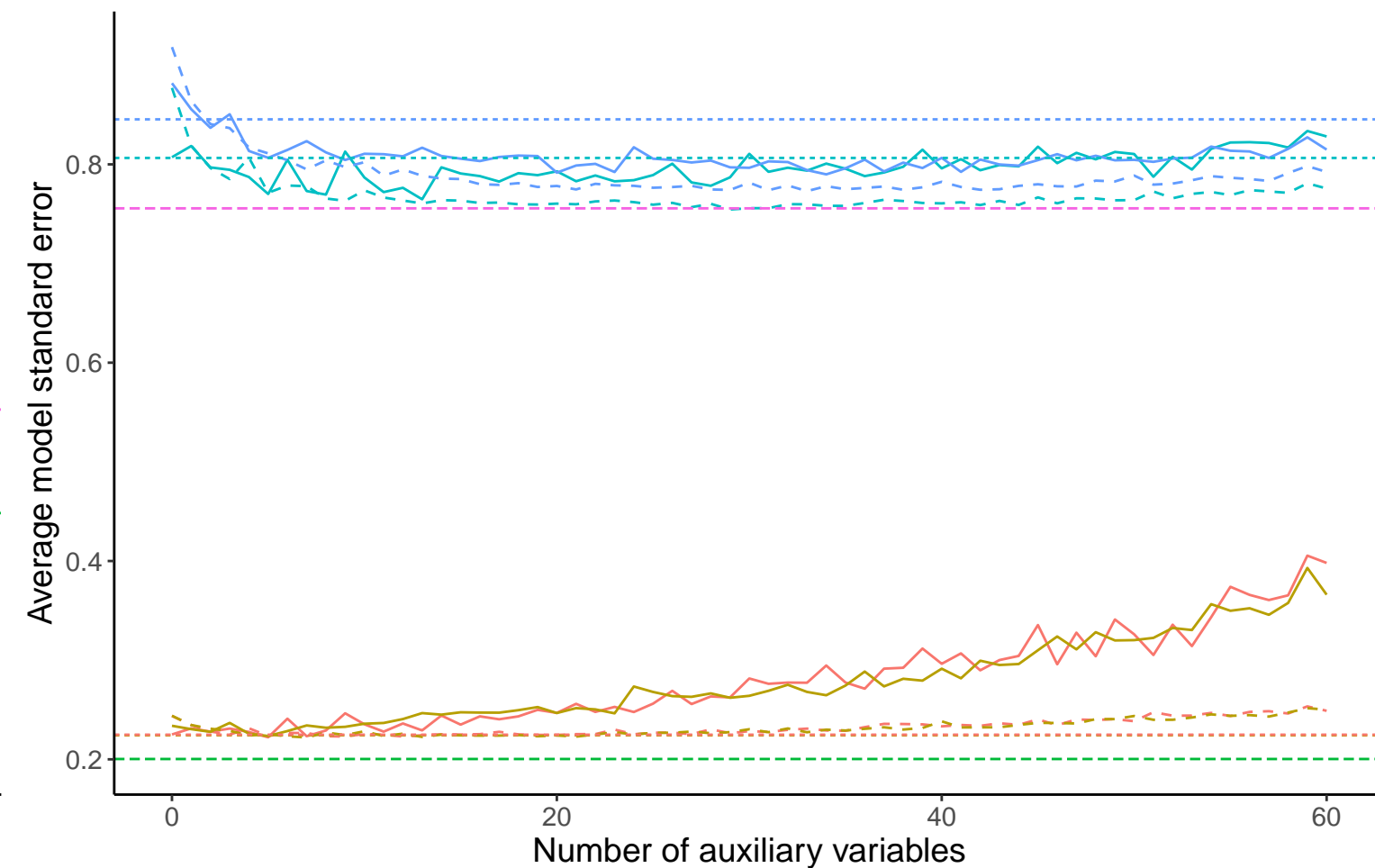
### Empirical SE versus number of auxiliary variables



### Coverage versus number of auxiliary variables



### Average model SE versus number of auxiliary variables



DGM

— Binary X, Covariance: 0.2, Beta\_X: 0, % Mis: 0.2, Mech: MAR
 — Binary X, Covariance: 0.2, Beta\_X: 0, % Mis: 0.2, Mech: N/A
 — Binary X, Covariance: 0.2, Beta\_X: 0.32, % Mis: 0.2, Mech: MCAR
 — Binary X, Covariance: 0.2, Beta\_X: 0, % Mis: 0.2, Mech: MCAR
 — Binary X, Covariance: 0.2, Beta\_X: 0.32, % Mis: 0.2, Mech: MAR
 — Binary X, Covariance: 0.2, Beta\_X: 0.32, % Mis: 0.2, Mech: N/A

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