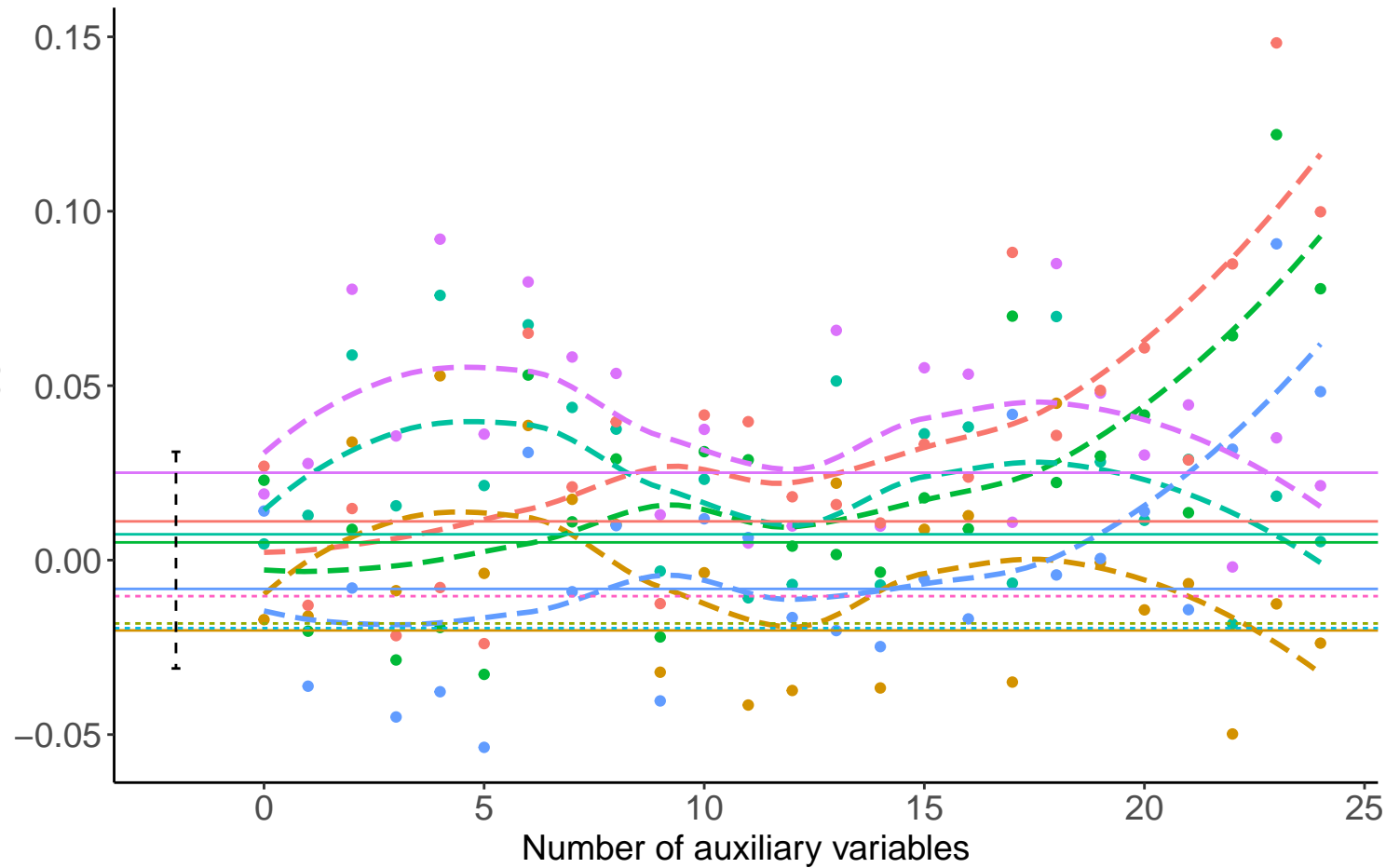
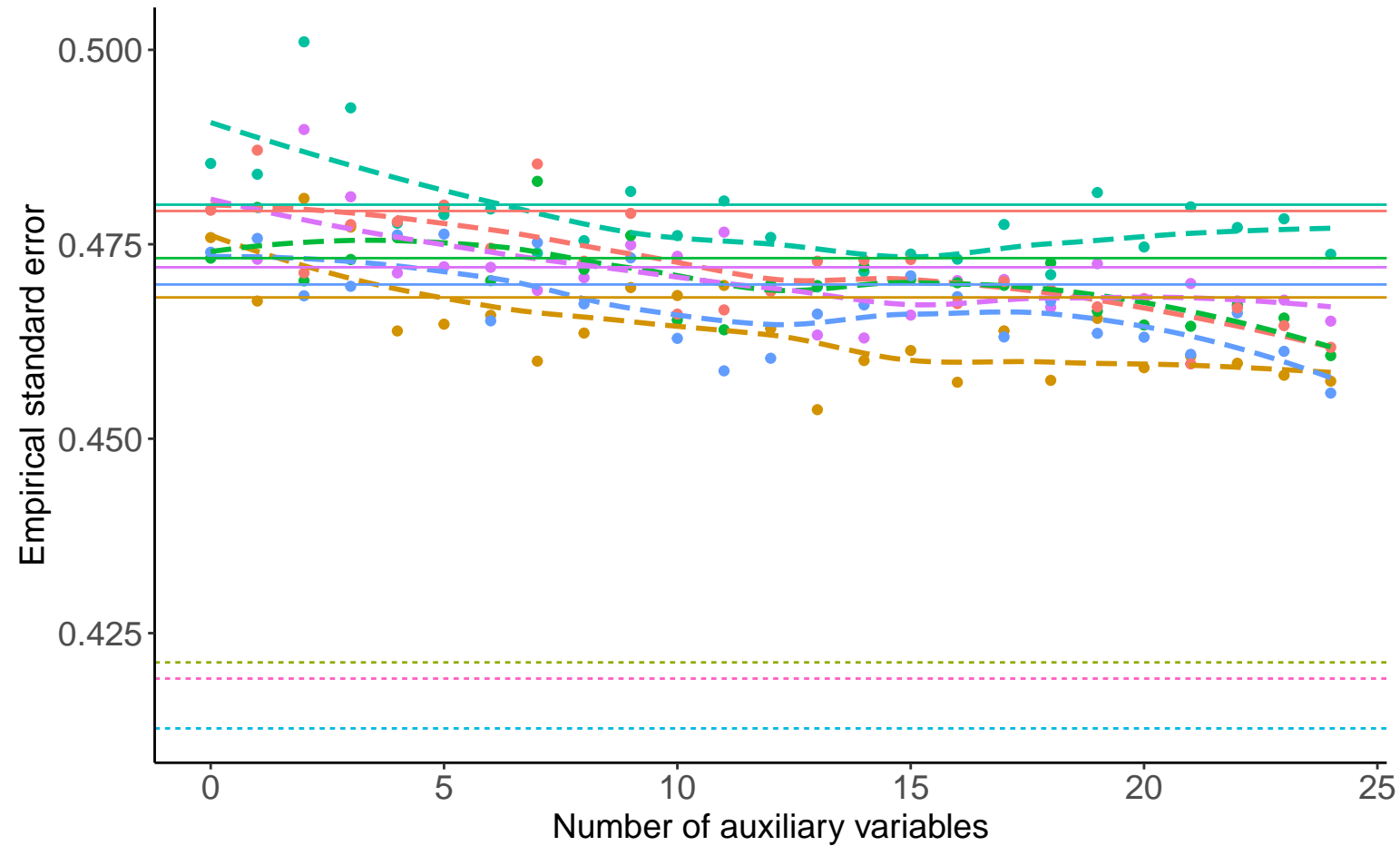


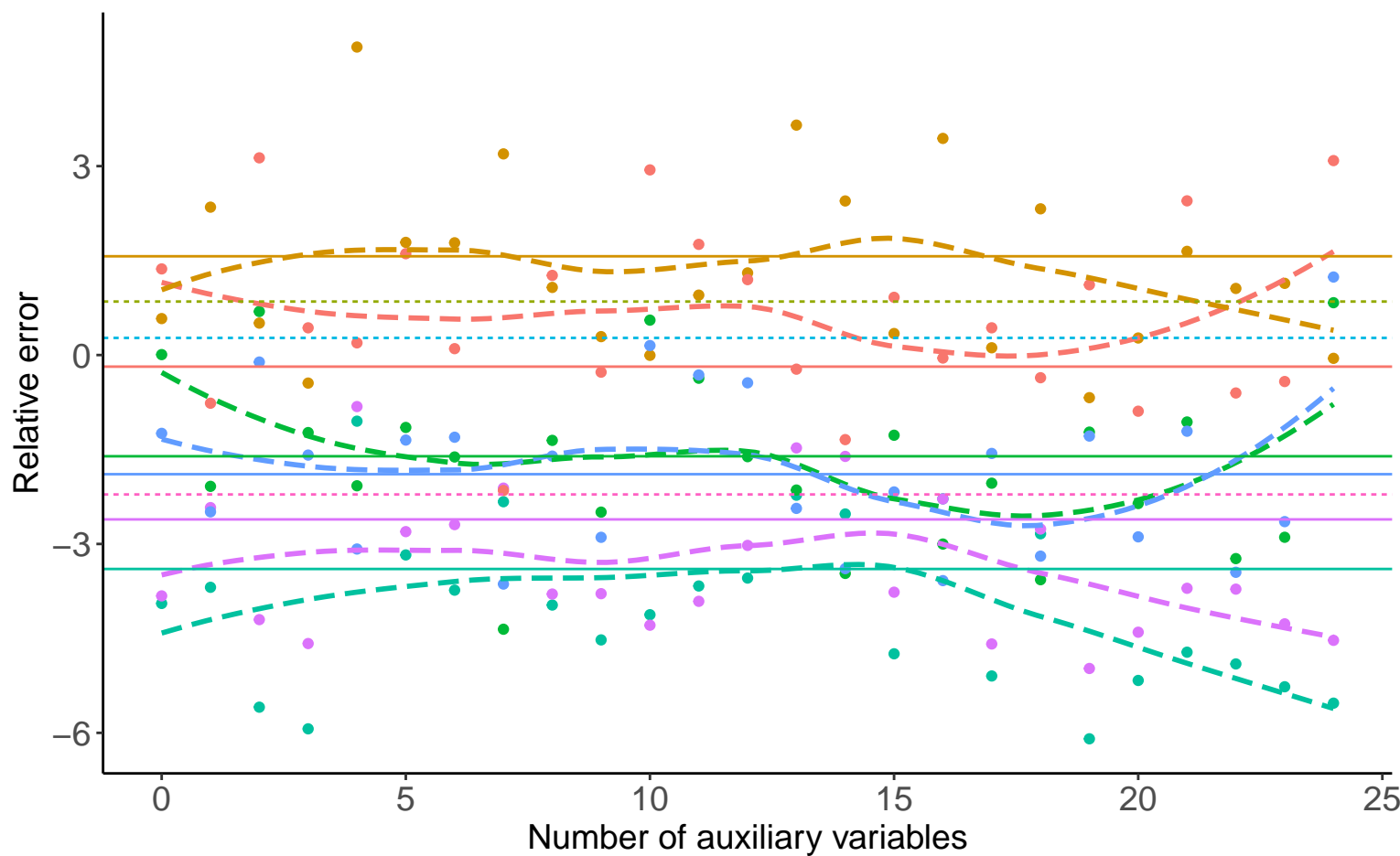
Bias versus number of auxiliary variables



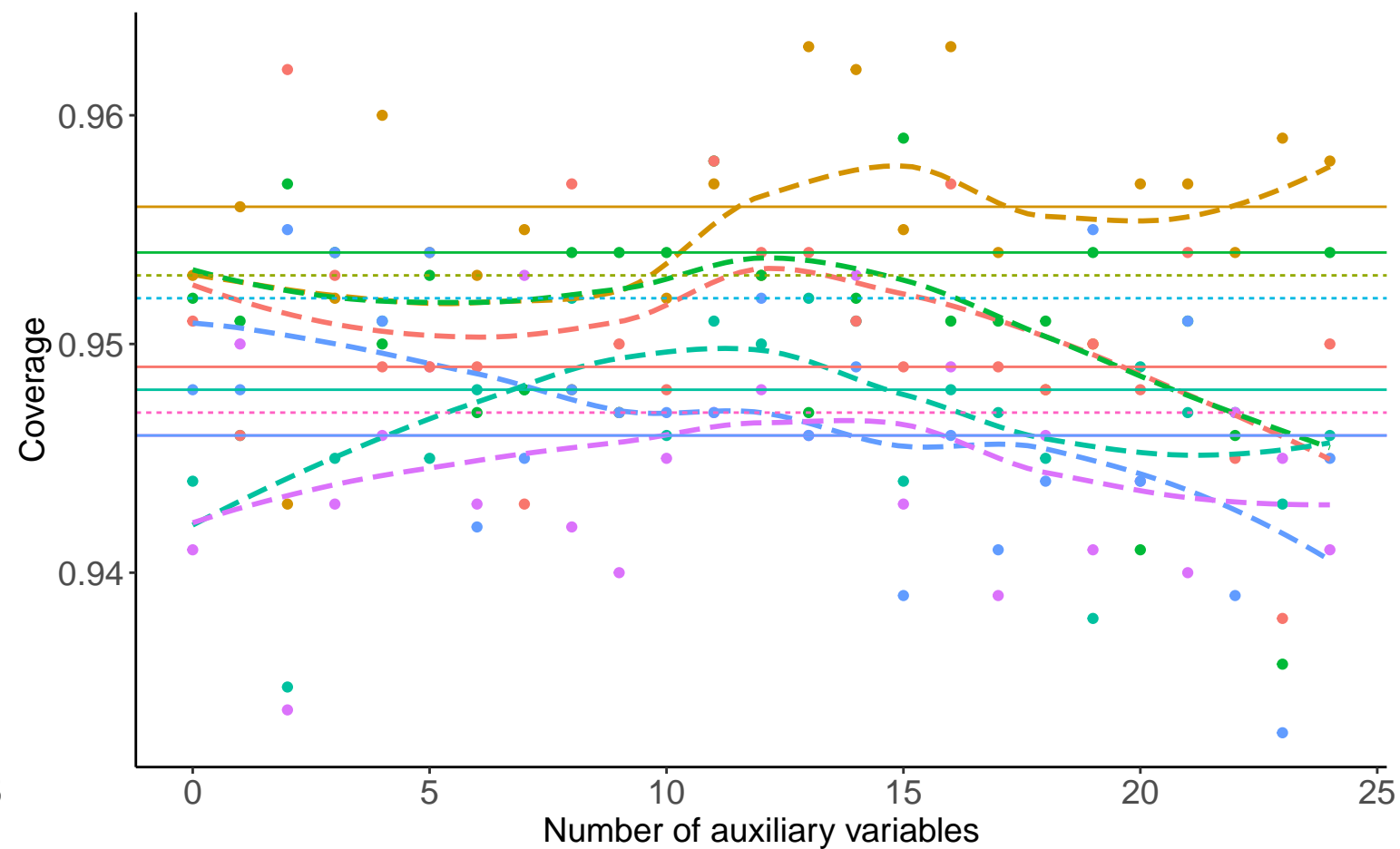
Empirical SE versus number of auxiliary variables



Relative error versus number of auxiliary variables



Coverage versus number of auxiliary variables



Continuous A, Covariance: 0, Betas:  $(-0.25, -0.5, 0.02)$ , % Mis: 0.2, Mech: MAR Continuous A, Covariance: 0, Betas:  $(-0.25, -0.5, 0.02)$ , % Mis: 0.2, Mech: MCAR Continuous A, Covariance: 0, Betas:  $(-0.25, -0.5, 0.02)$ , % Mis: 0.2, Mech: N/A

DGM Continuous A, Covariance: 0, Betas:  $(0, -0.5, 0.02)$ , % Mis: 0.2, Mech: MAR Continuous A, Covariance: 0, Betas:  $(0, -0.5, 0.02)$ , % Mis: 0.2, Mech: MCAR Continuous A, Covariance: 0, Betas:  $(0, -0.5, 0.02)$ , % Mis: 0.2, Mech: N/A

Continuous A, Covariance: 0, Betas:  $(0.25, -0.5, 0.02)$ , % Mis: 0.2, Mech: MAR Continuous A, Covariance: 0, Betas:  $(0.25, -0.5, 0.02)$ , % Mis: 0.2, Mech: MCAR Continuous A, Covariance: 0, Betas:  $(0.25, -0.5, 0.02)$ , % Mis: 0.2, Mech: N/A

Method Complete Case Analysis Full Data Analysis Logistic Regression