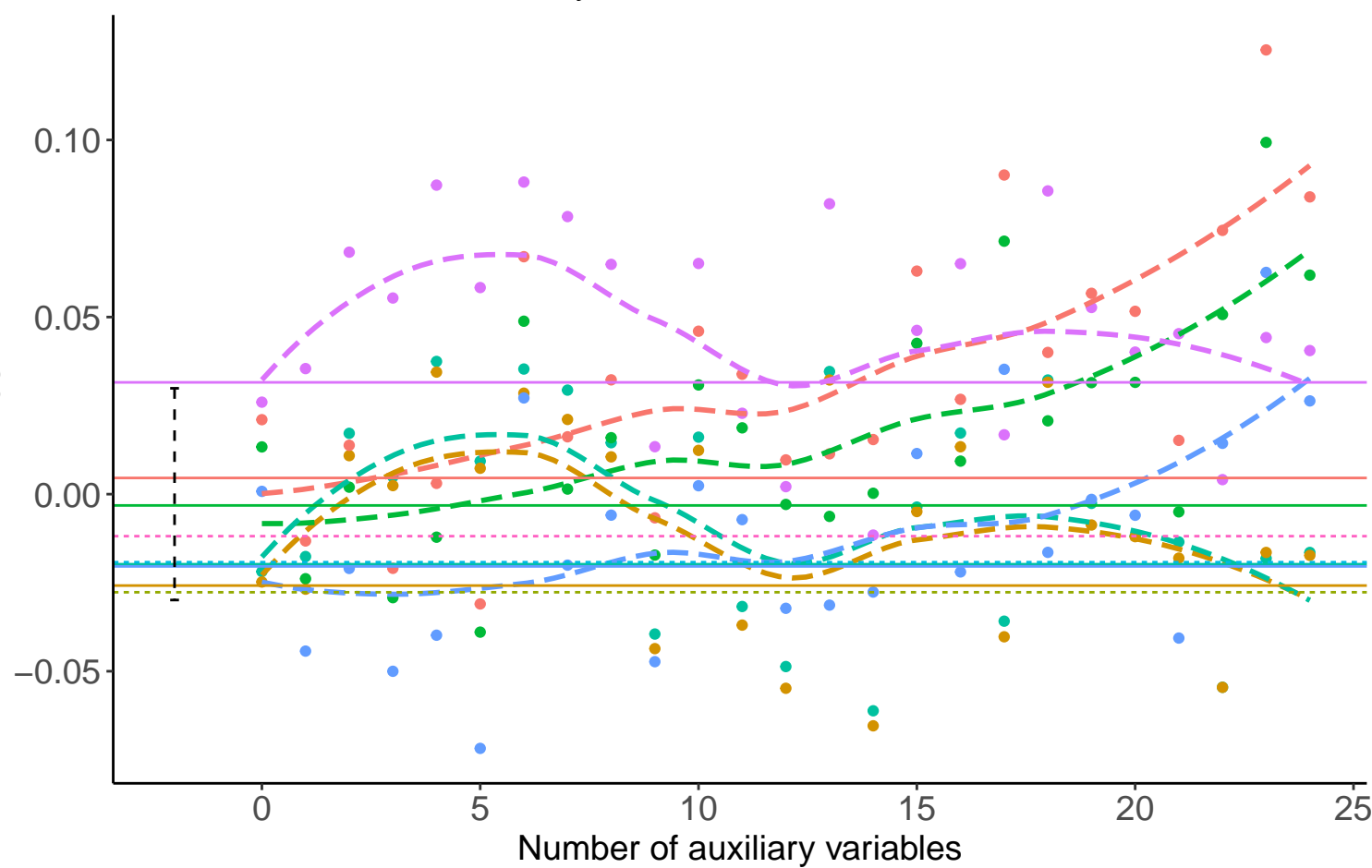
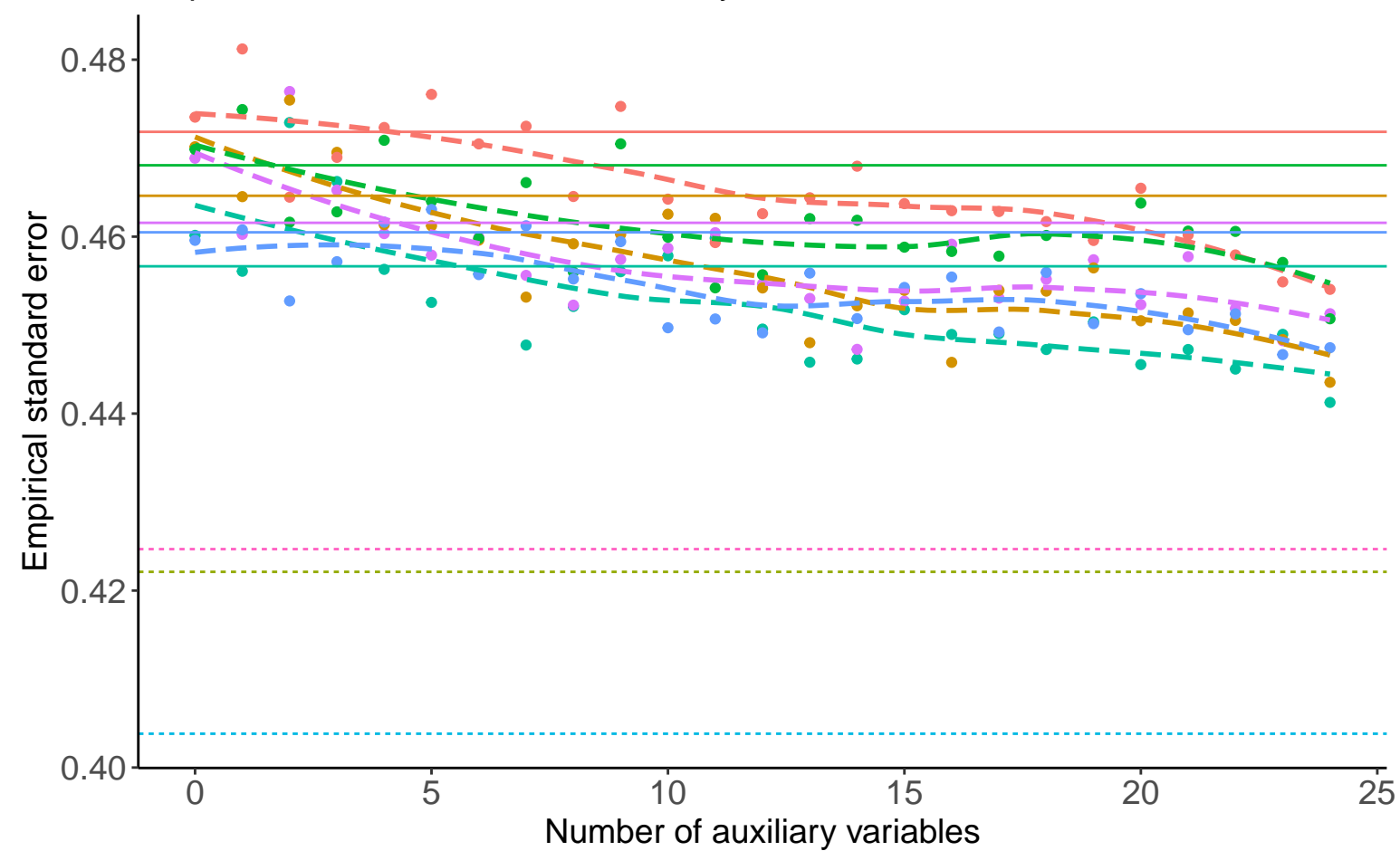


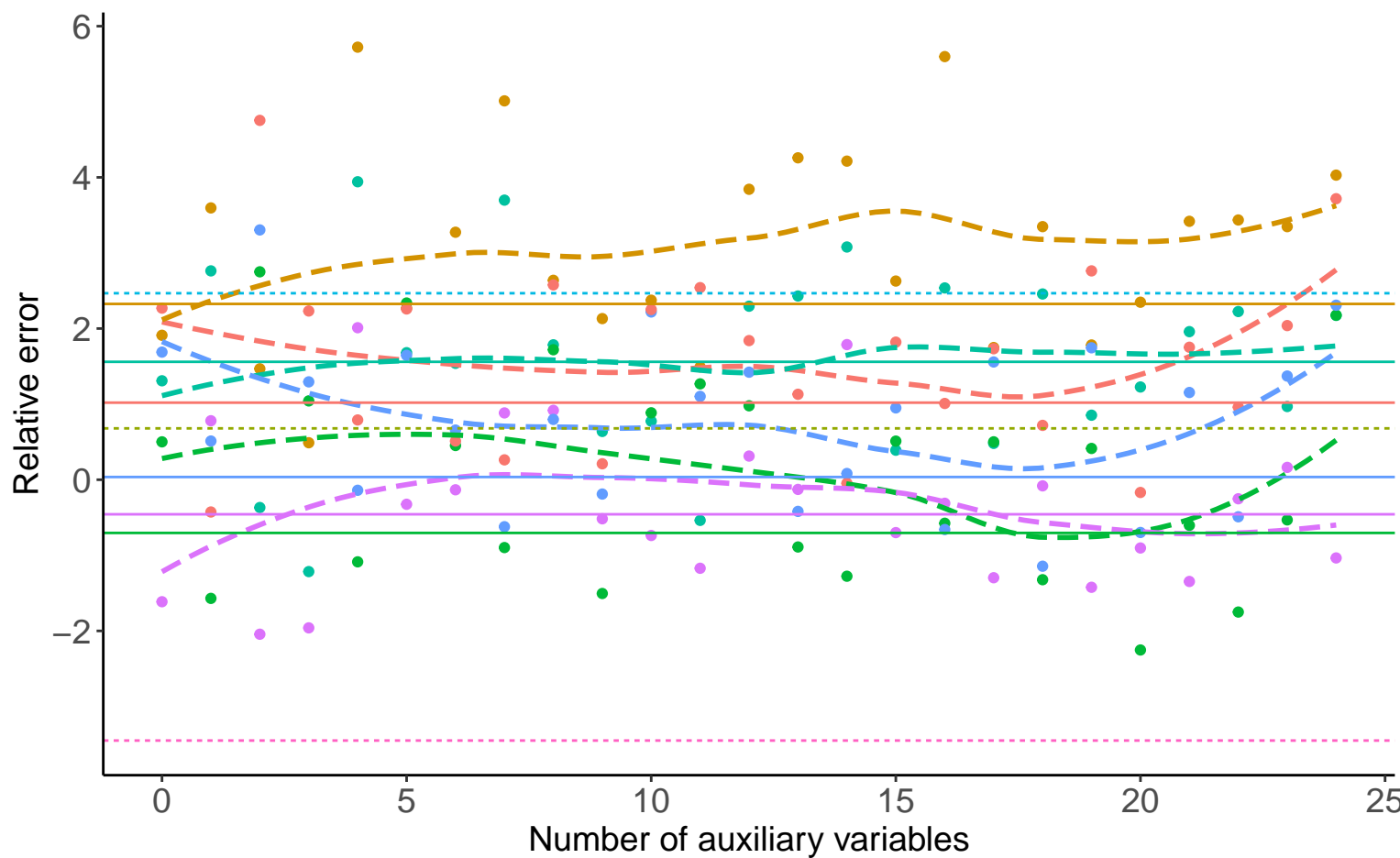
Bias versus number of auxiliary variables



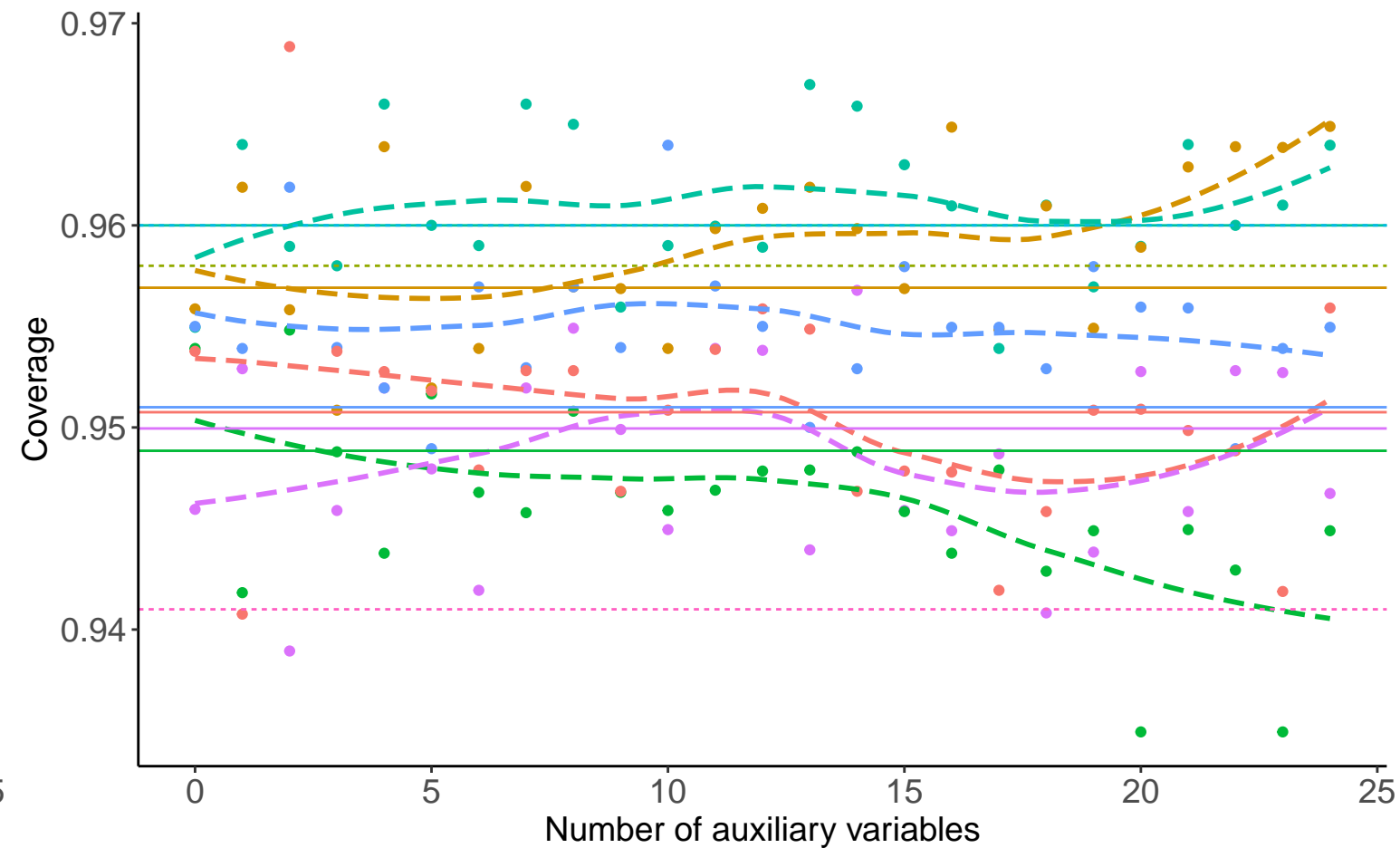
Empirical SE versus number of auxiliary variables



Relative error versus number of auxiliary variables



Coverage versus number of auxiliary variables



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

Method    Complete Case Analysis    Full Data Analysis    Logistic Regression