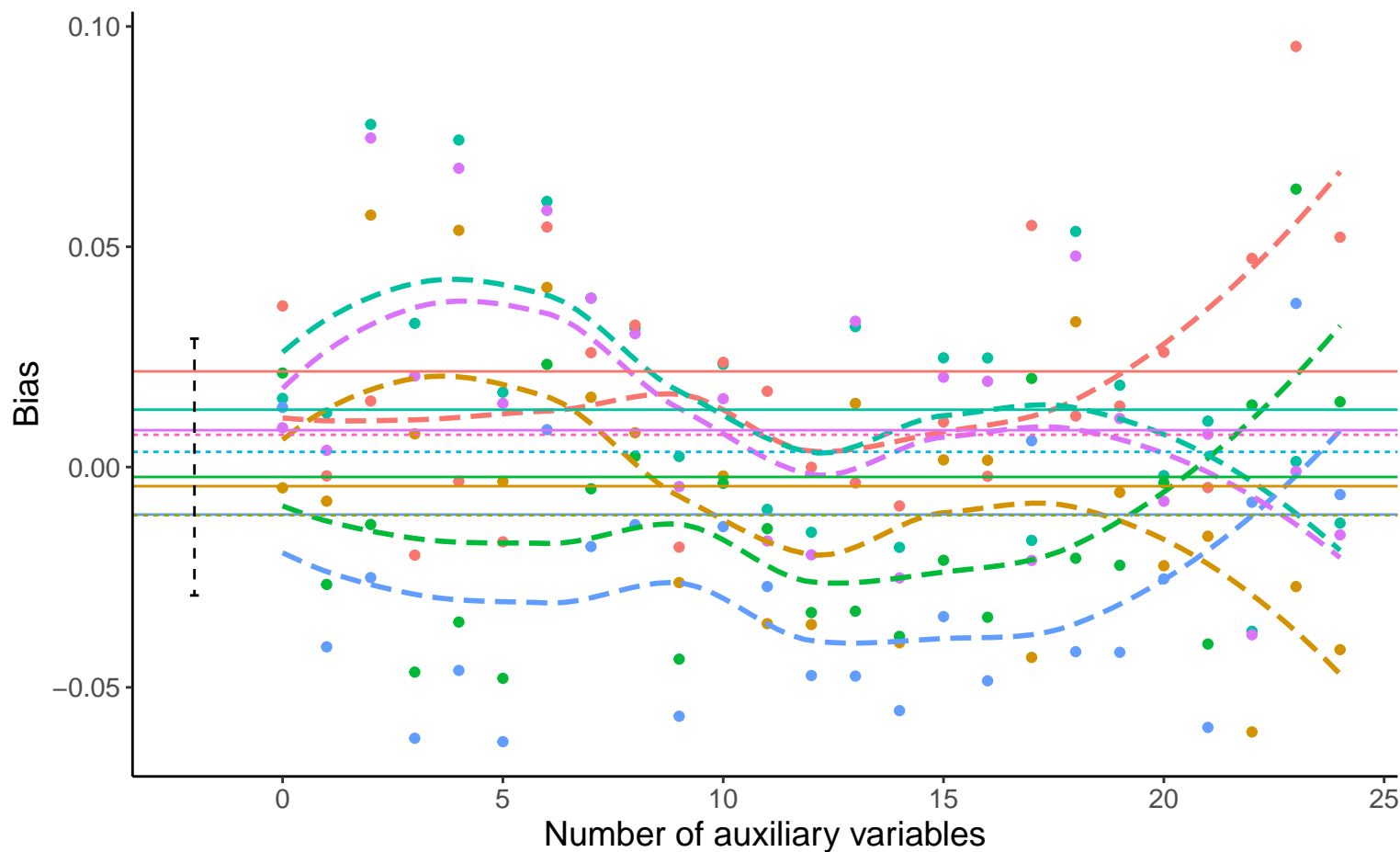
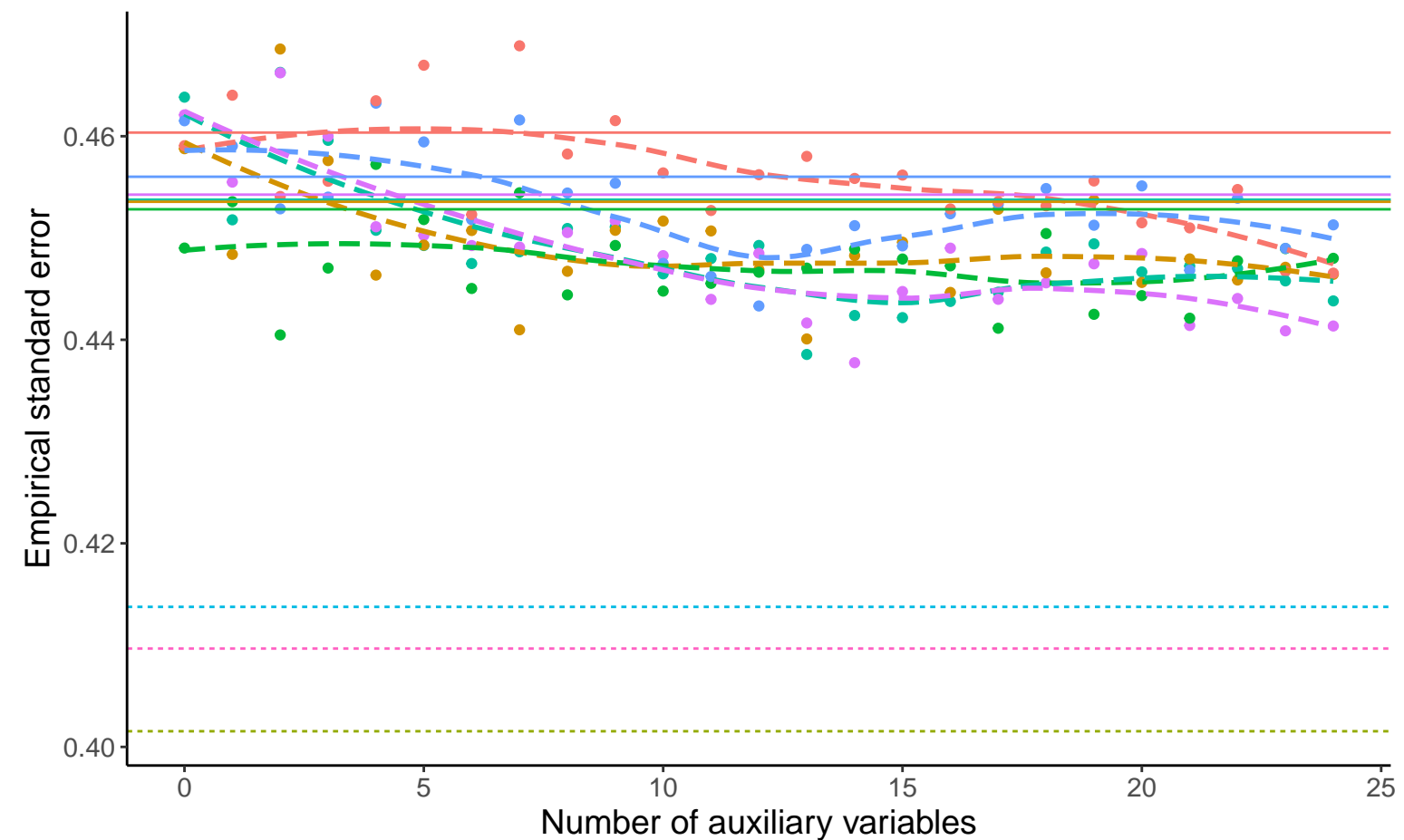


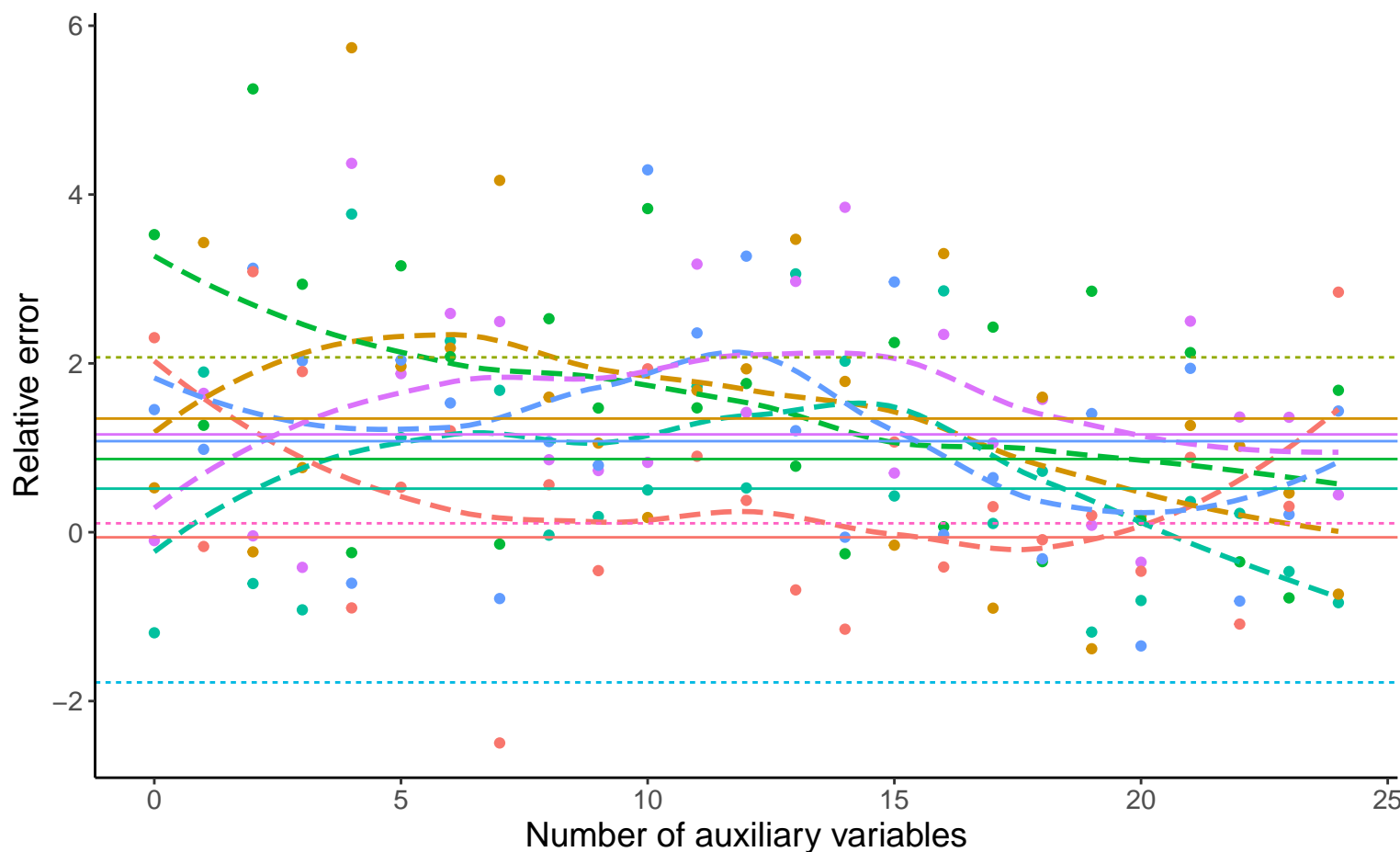
### Bias versus number of auxiliary variables



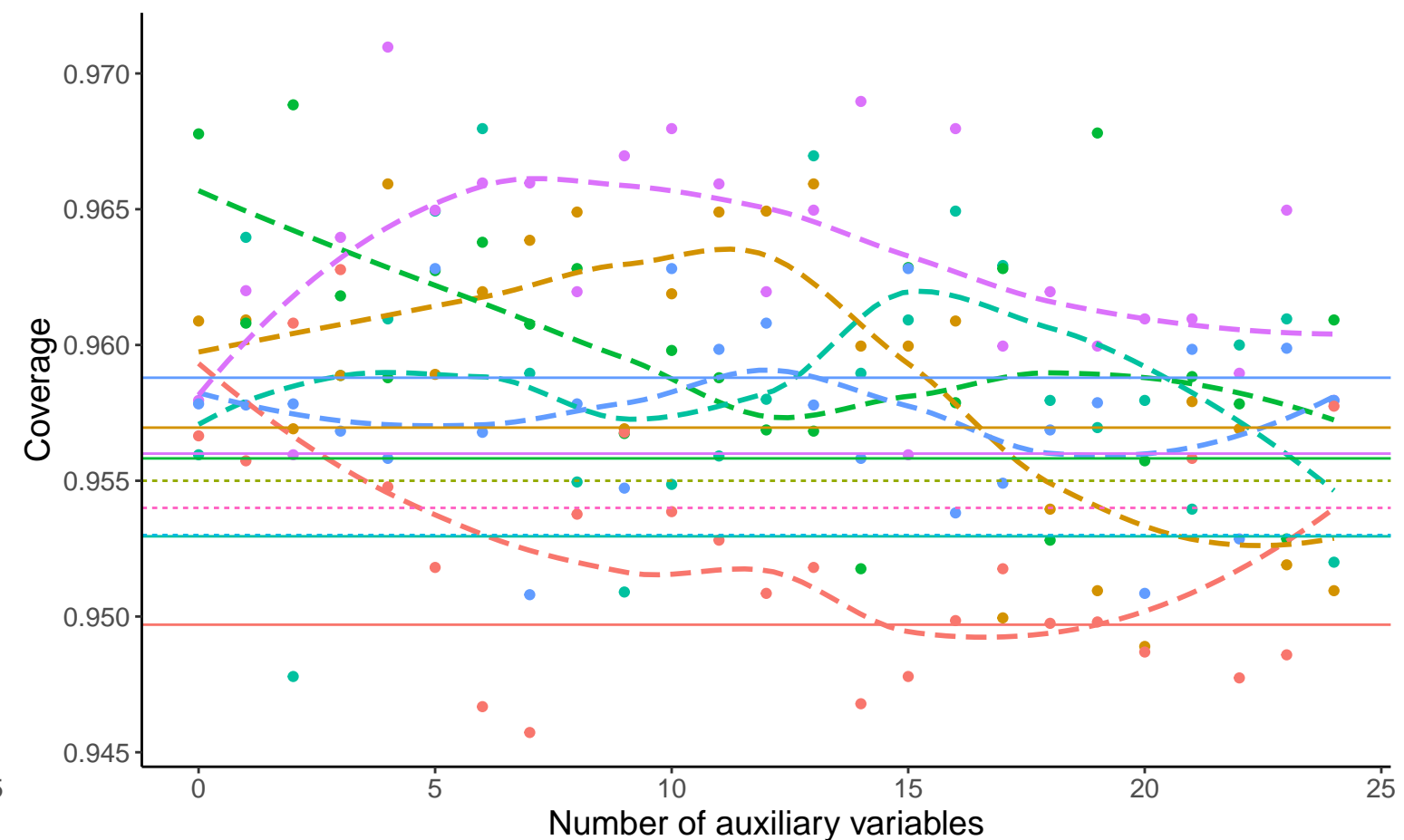
### Empirical SE versus number of auxiliary variables



### Relative error versus number of auxiliary variables



### Coverage versus number of auxiliary variables



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

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

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

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