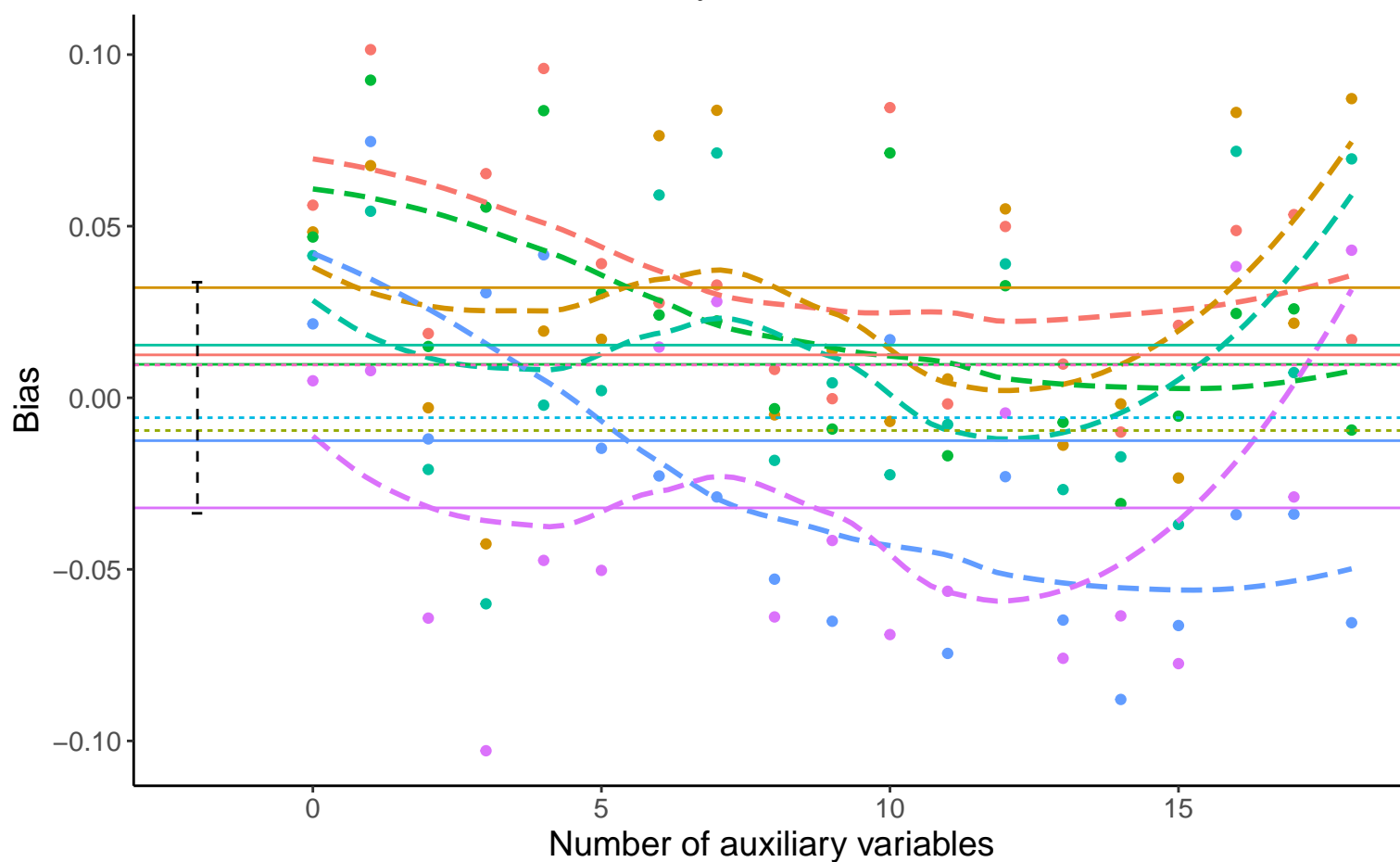
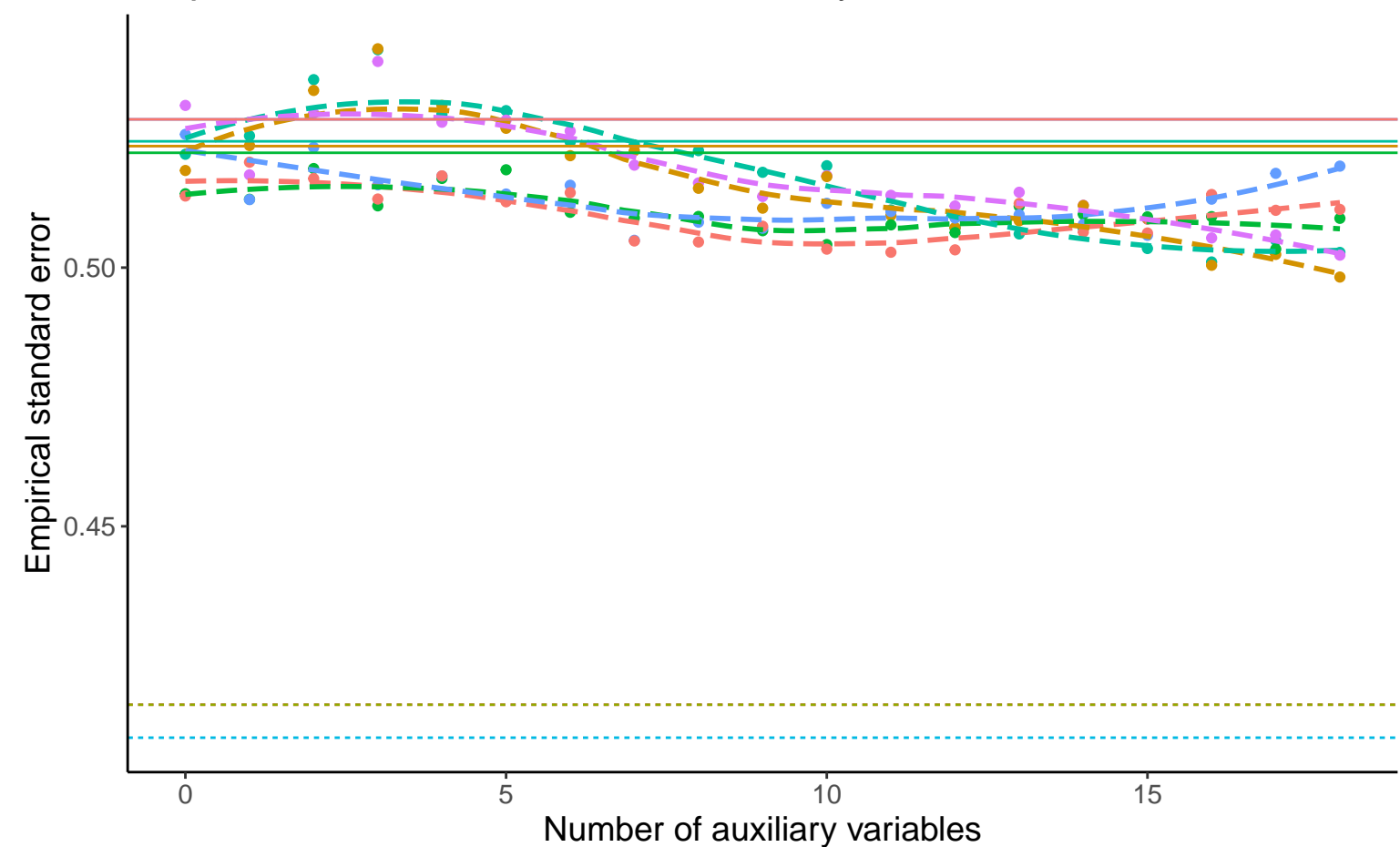


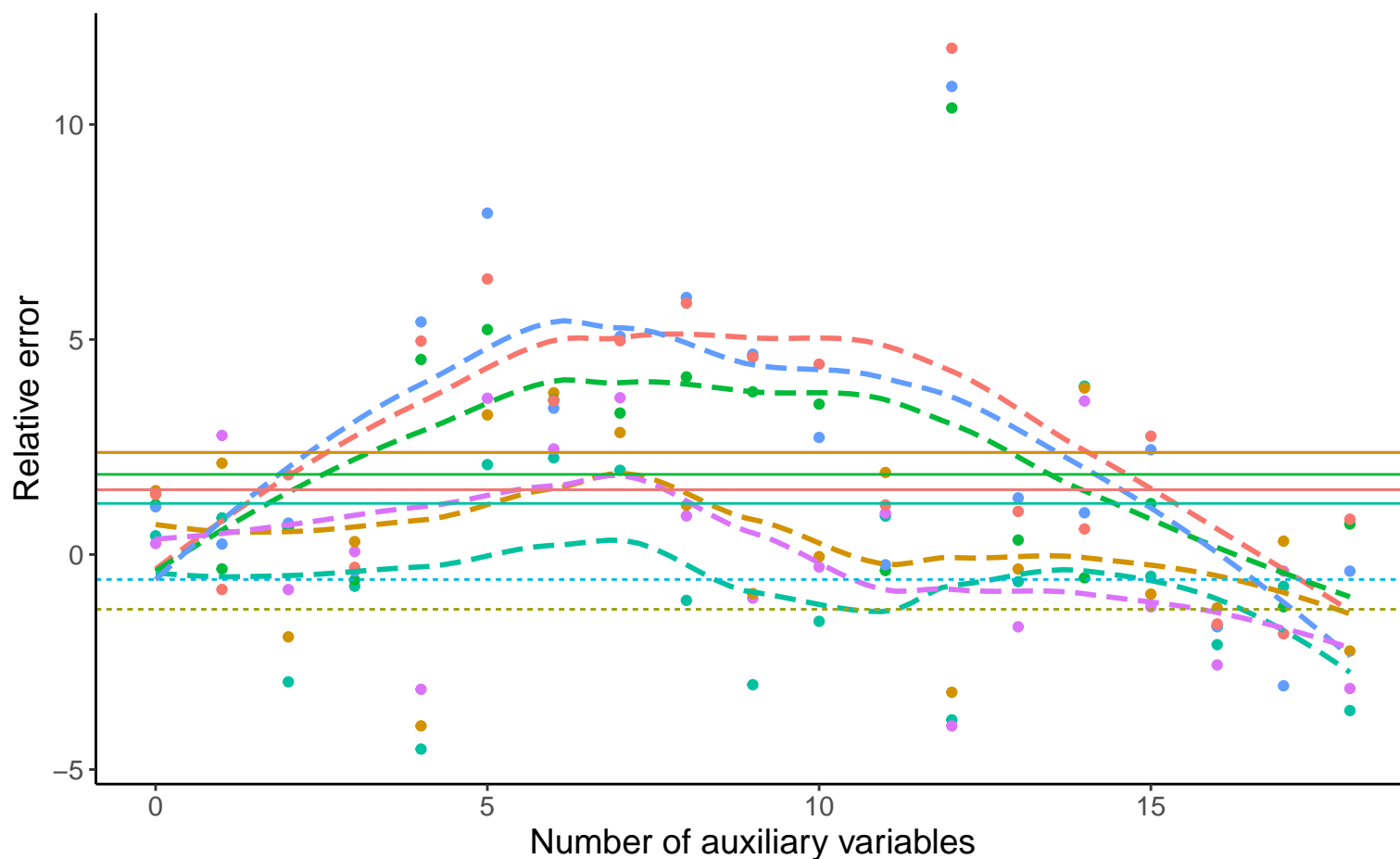
### Bias versus number of auxiliary variables



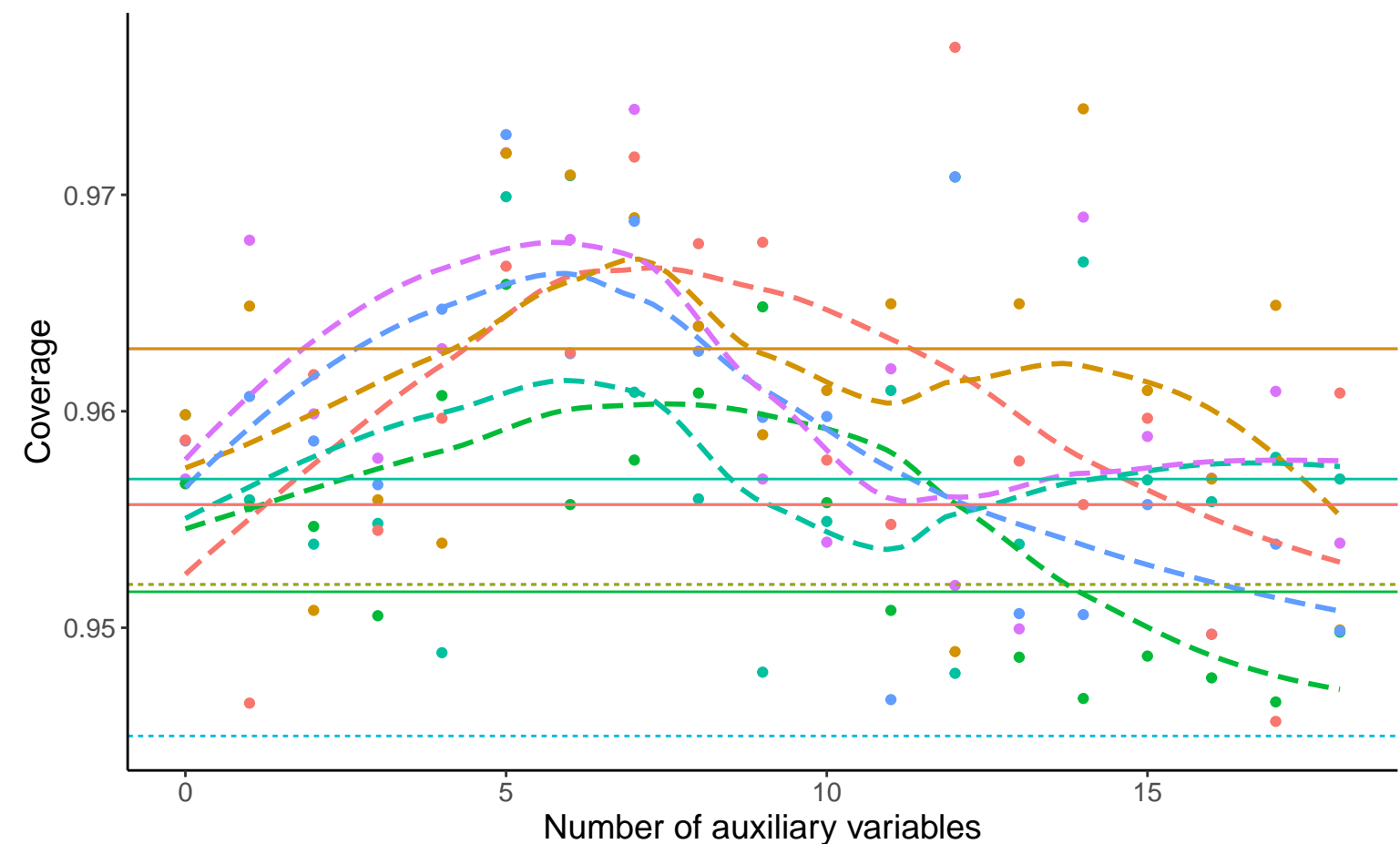
### Empirical SE versus number of auxiliary variables



### Relative error versus number of auxiliary variables



### Coverage versus number of auxiliary variables



Continuous A, Covariance: 0, Betas:  $(-0.25, 0, 0)$ , % Mis: 0.4, Mech: MAR    Continuous A, Covariance: 0, Betas:  $(-0.25, 0, 0)$ , % Mis: 0.4, Mech: MCAR    Continuous A, Covariance: 0, Betas:  $(-0.25, 0, 0)$ , % Mis: 0.4, Mech: N  
 Continuous A, Covariance: 0, Betas:  $(0, 0, 0)$ , % Mis: 0.4, Mech: MAR    Continuous A, Covariance: 0, Betas:  $(0, 0, 0)$ , % Mis: 0.4, Mech: MCAR    Continuous A, Covariance: 0, Betas:  $(0, 0, 0)$ , % Mis: 0.4, Mech: N  
 Continuous A, Covariance: 0, Betas:  $(0.25, 0, 0)$ , % Mis: 0.4, Mech: MAR    Continuous A, Covariance: 0, Betas:  $(0.25, 0, 0)$ , % Mis: 0.4, Mech: MCAR    Continuous A, Covariance: 0, Betas:  $(0.25, 0, 0)$ , % Mis: 0.4, Mech: N

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