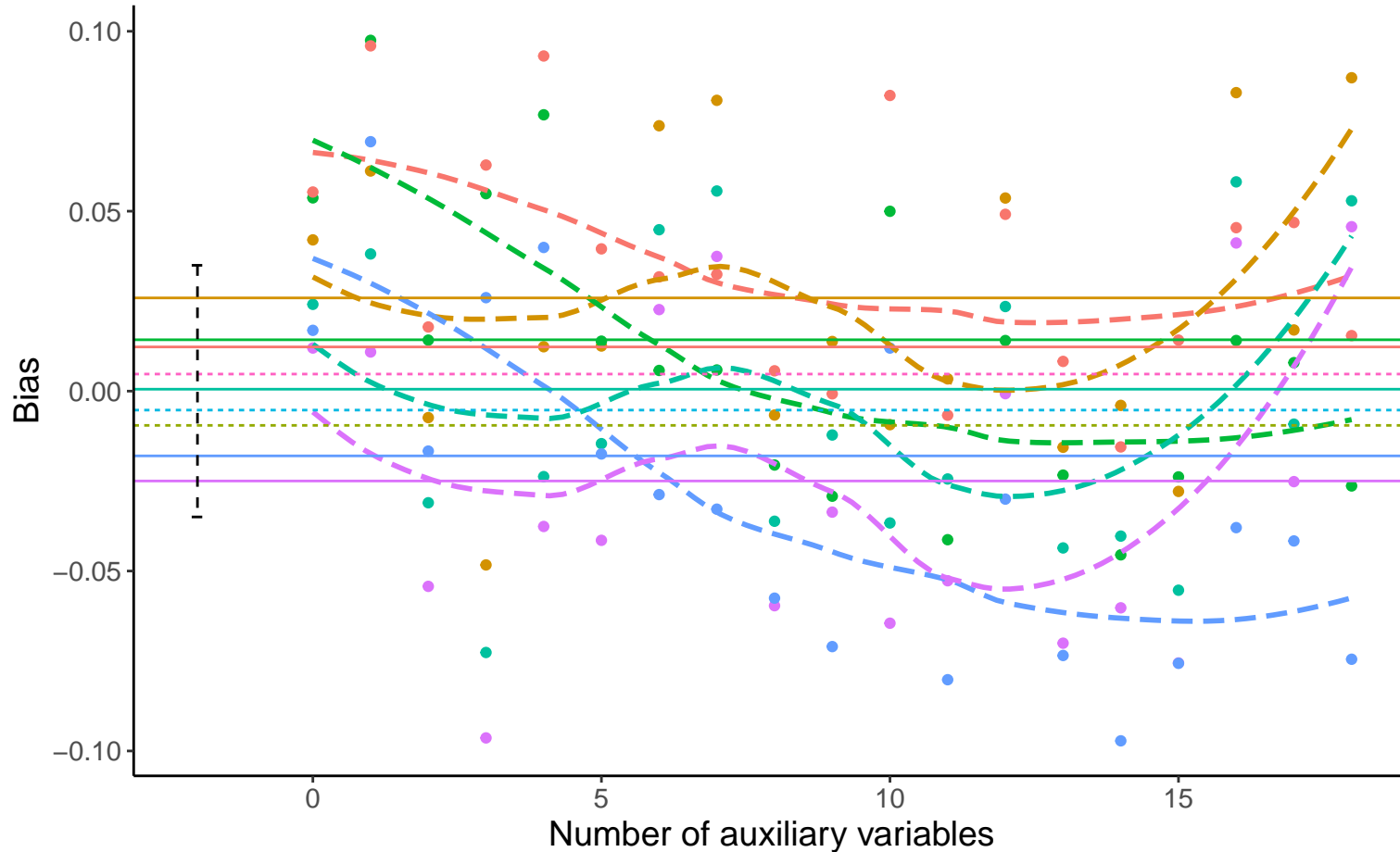
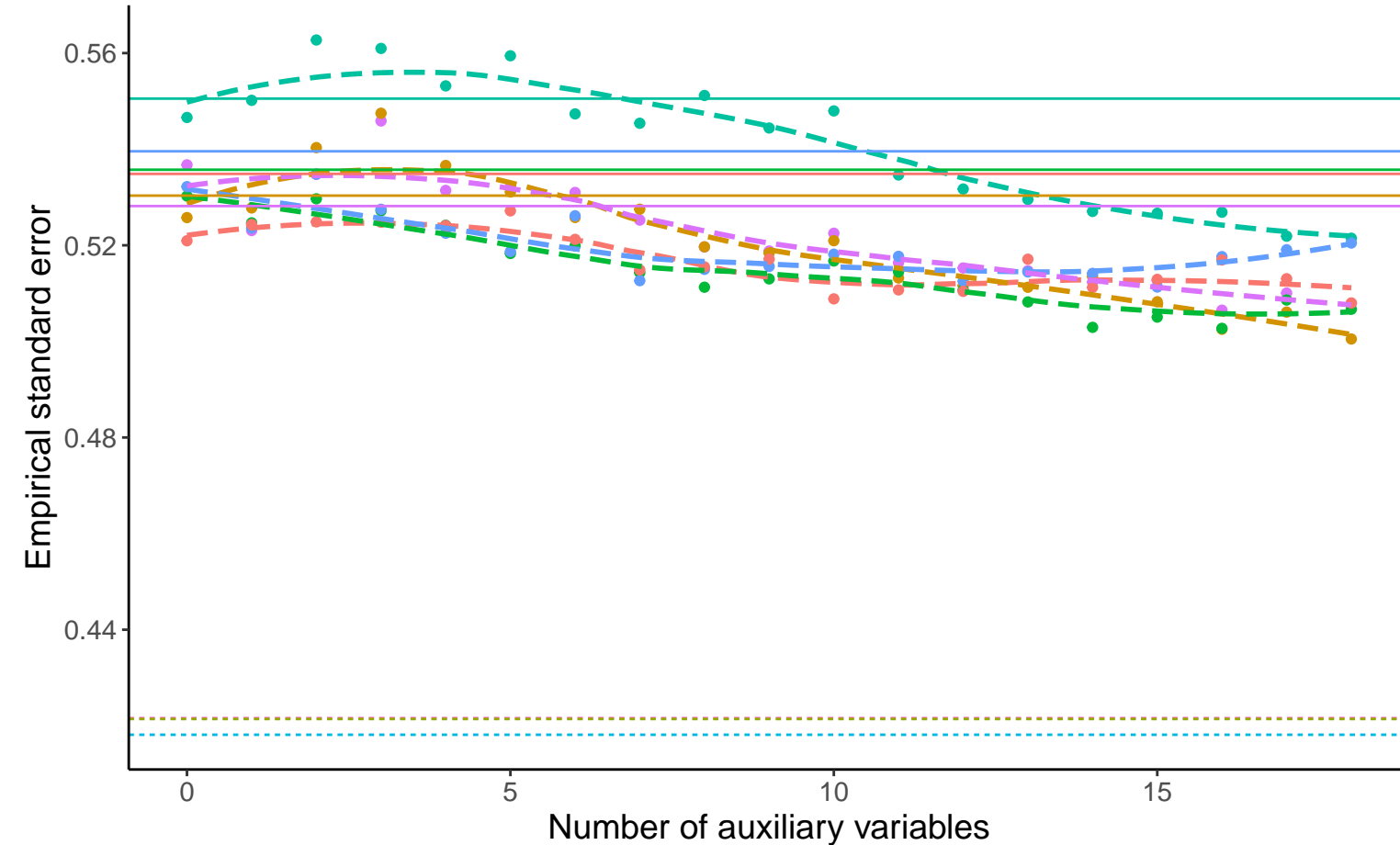


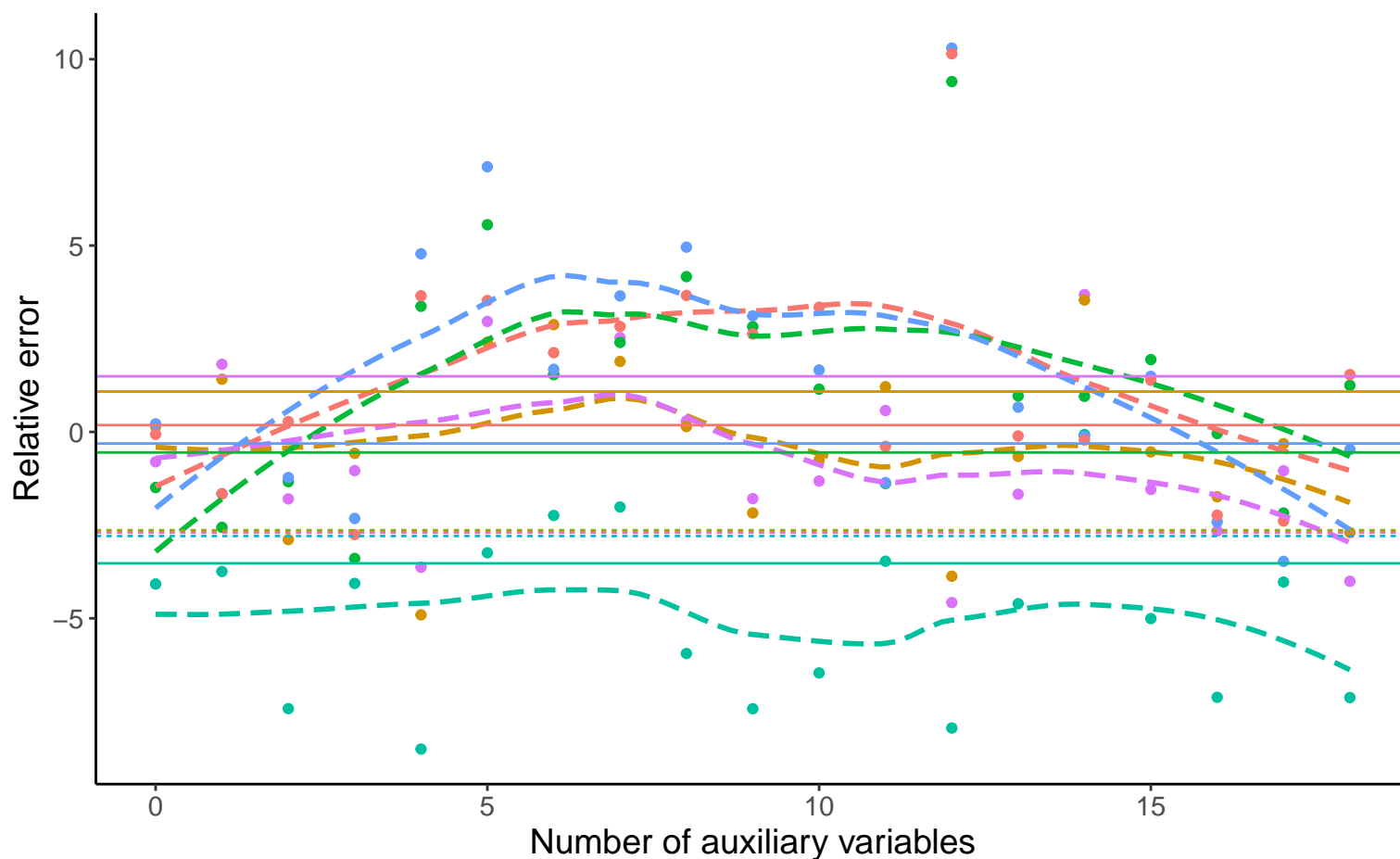
### Bias versus number of auxiliary variables



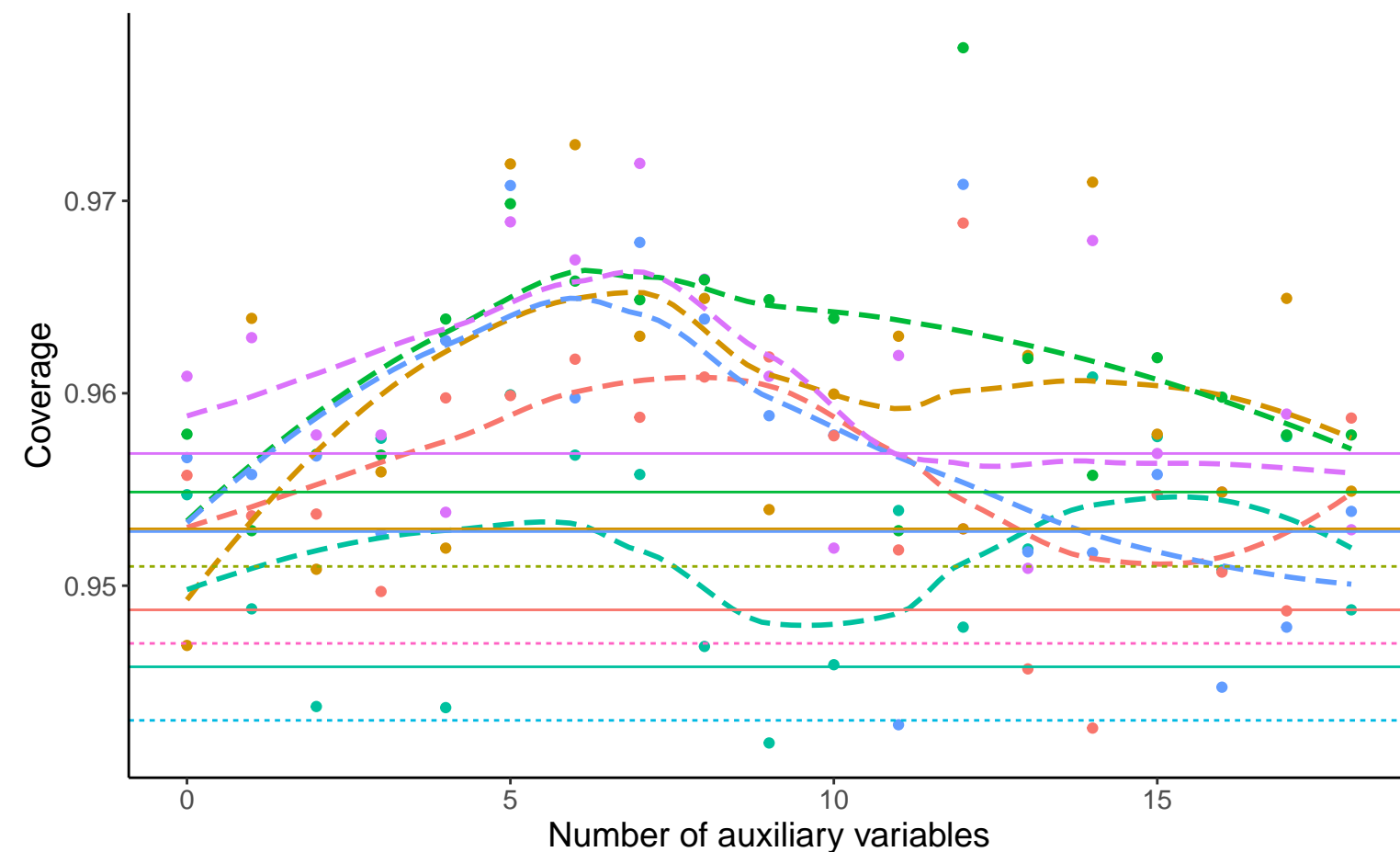
### Empirical SE versus number of auxiliary variables



### Relative error versus number of auxiliary variables



### Coverage versus number of auxiliary variables



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

Continuous A, Covariance: 0, Betas: ( -0.25, 0, -0.02 ), % Mis: 0.4, Mech: MAR — Continuous A, Covariance: 0, Betas: ( -0.25, 0, -0.02 ), % Mis: 0.4, Mech: MCAR — Continuous A, Covariance: 0, Betas: ( -0.25, 0, -0.02 ), % Mis: 0.4, Mech: MCAR

Continuous A, Covariance: 0, Betas: ( 0, 0, -0.02 ), % Mis: 0.4, Mech: MAR — Continuous A, Covariance: 0, Betas: ( 0, 0, -0.02 ), % Mis: 0.4, Mech: MCAR — Continuous A, Covariance: 0, Betas: ( 0, 0, -0.02 ), % Mis: 0.4, Mech: MCAR

Continuous A, Covariance: 0, Betas: ( 0.25, 0, -0.02 ), % Mis: 0.4, Mech: MAR — Continuous A, Covariance: 0, Betas: ( 0.25, 0, -0.02 ), % Mis: 0.4, Mech: MCAR — Continuous A, Covariance: 0, Betas: ( 0.25, 0, -0.02 ), % Mis: 0.4, Mech: MCAR