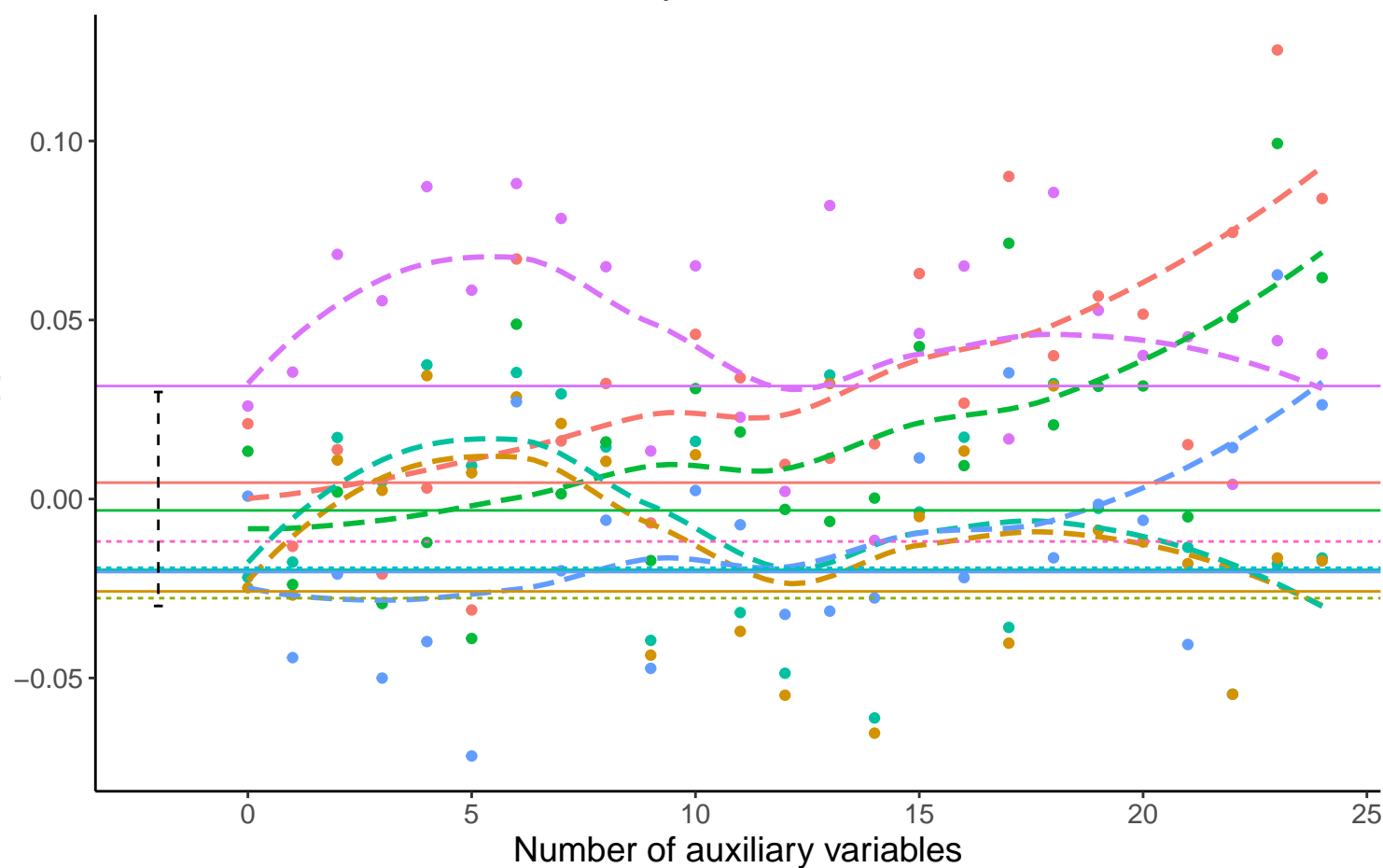
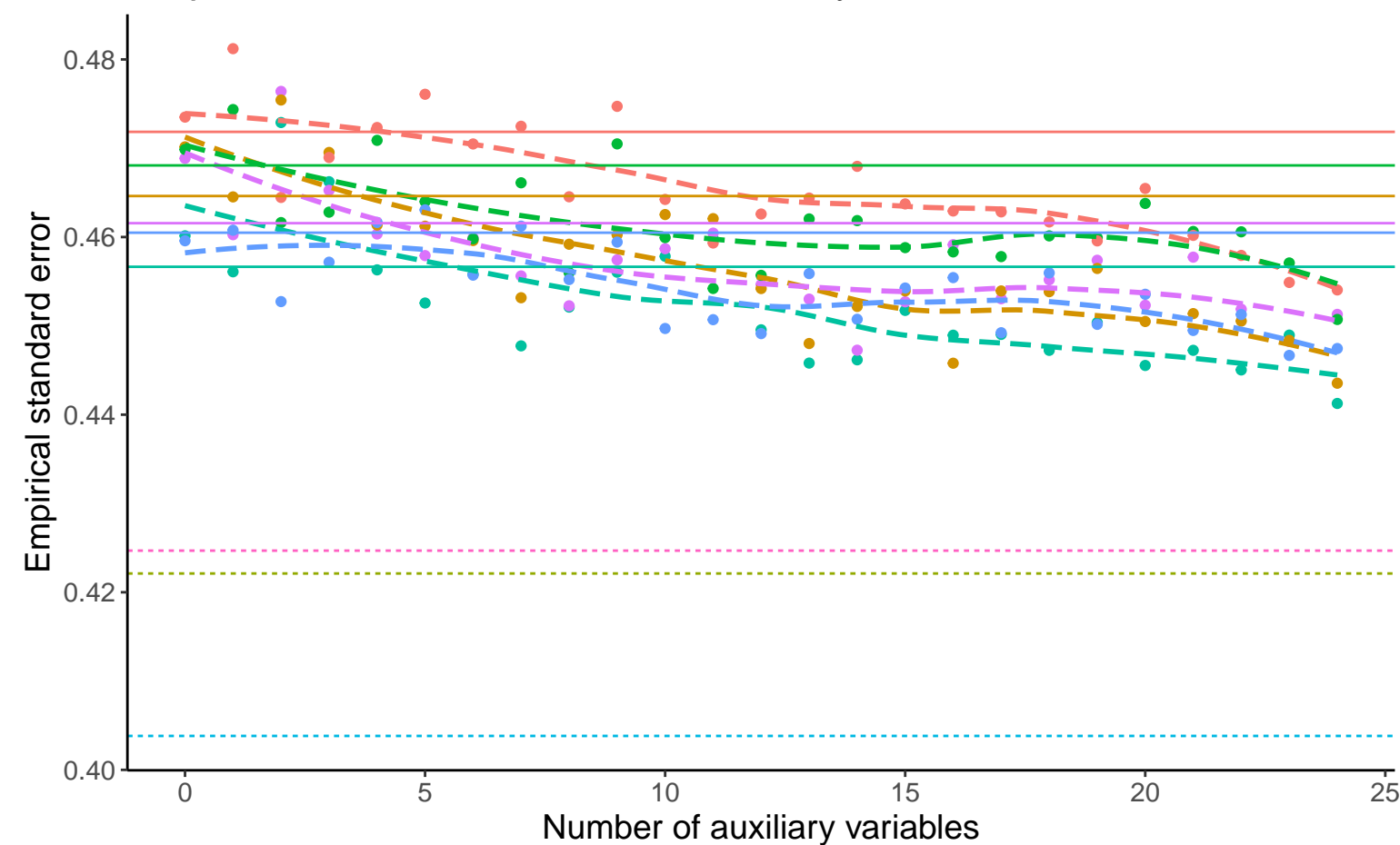


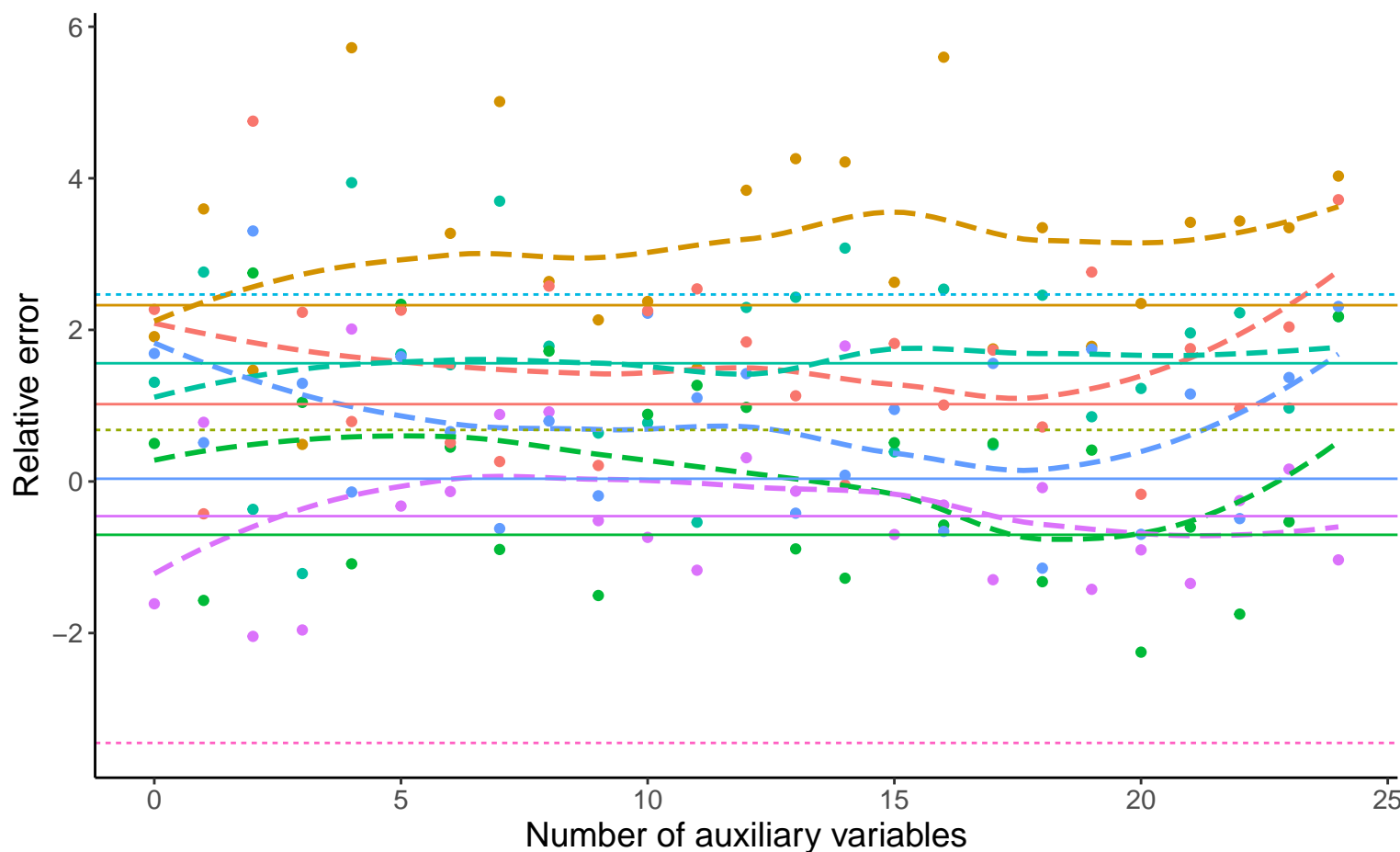
### Bias versus number of auxiliary variables



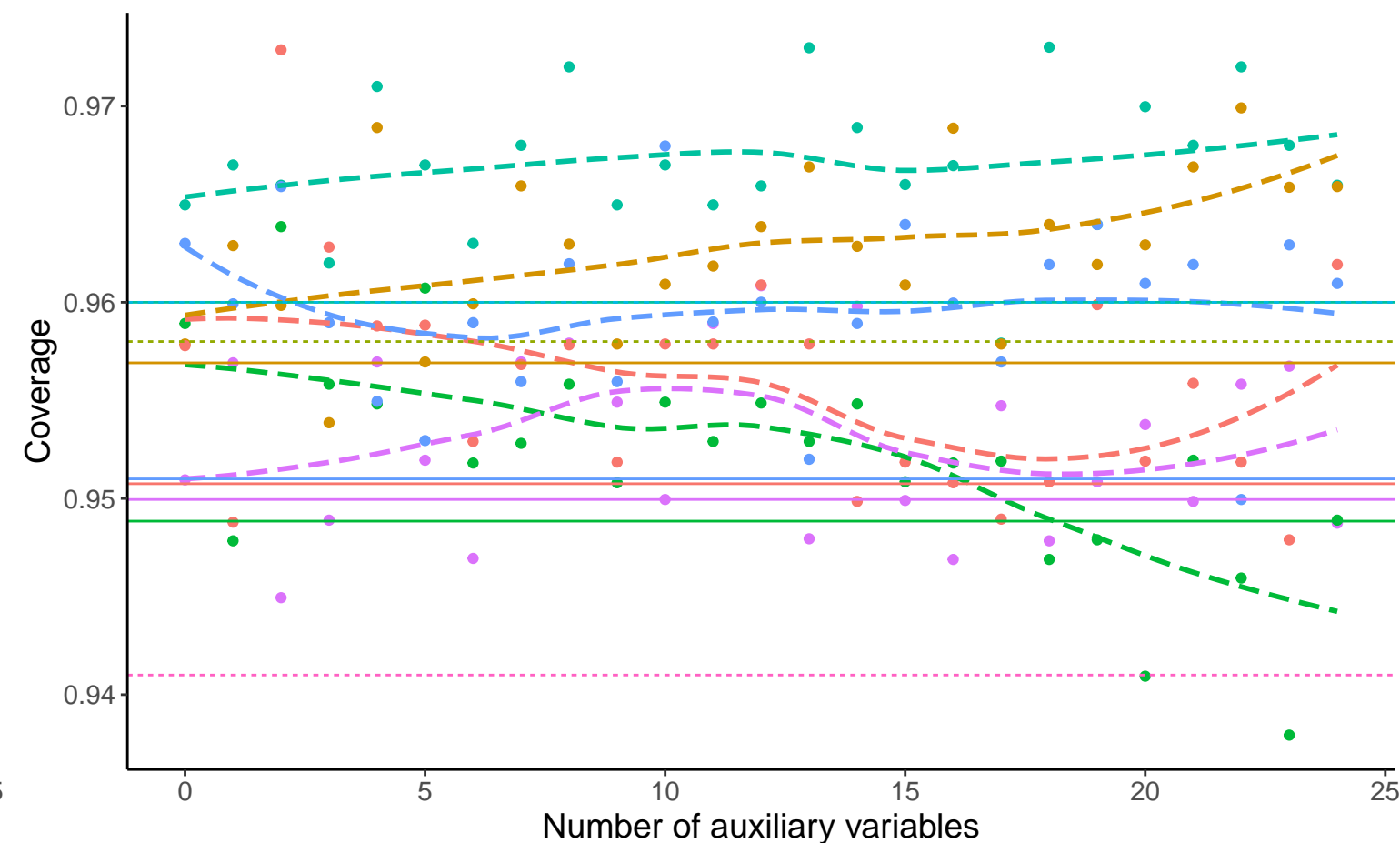
### Empirical SE versus number of auxiliary variables



### Relative error versus number of auxiliary variables



### Coverage versus number of auxiliary variables



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

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

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

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