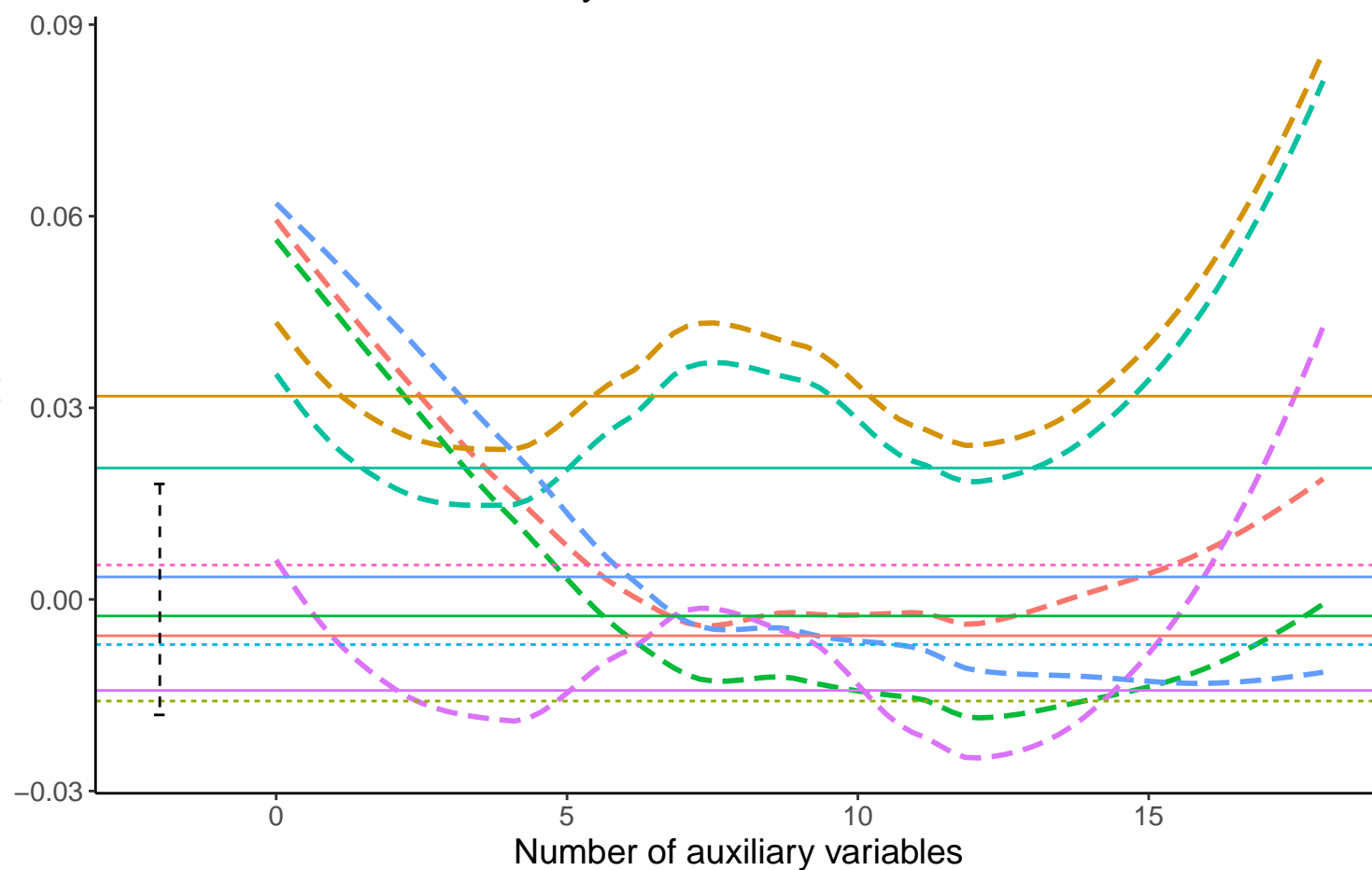
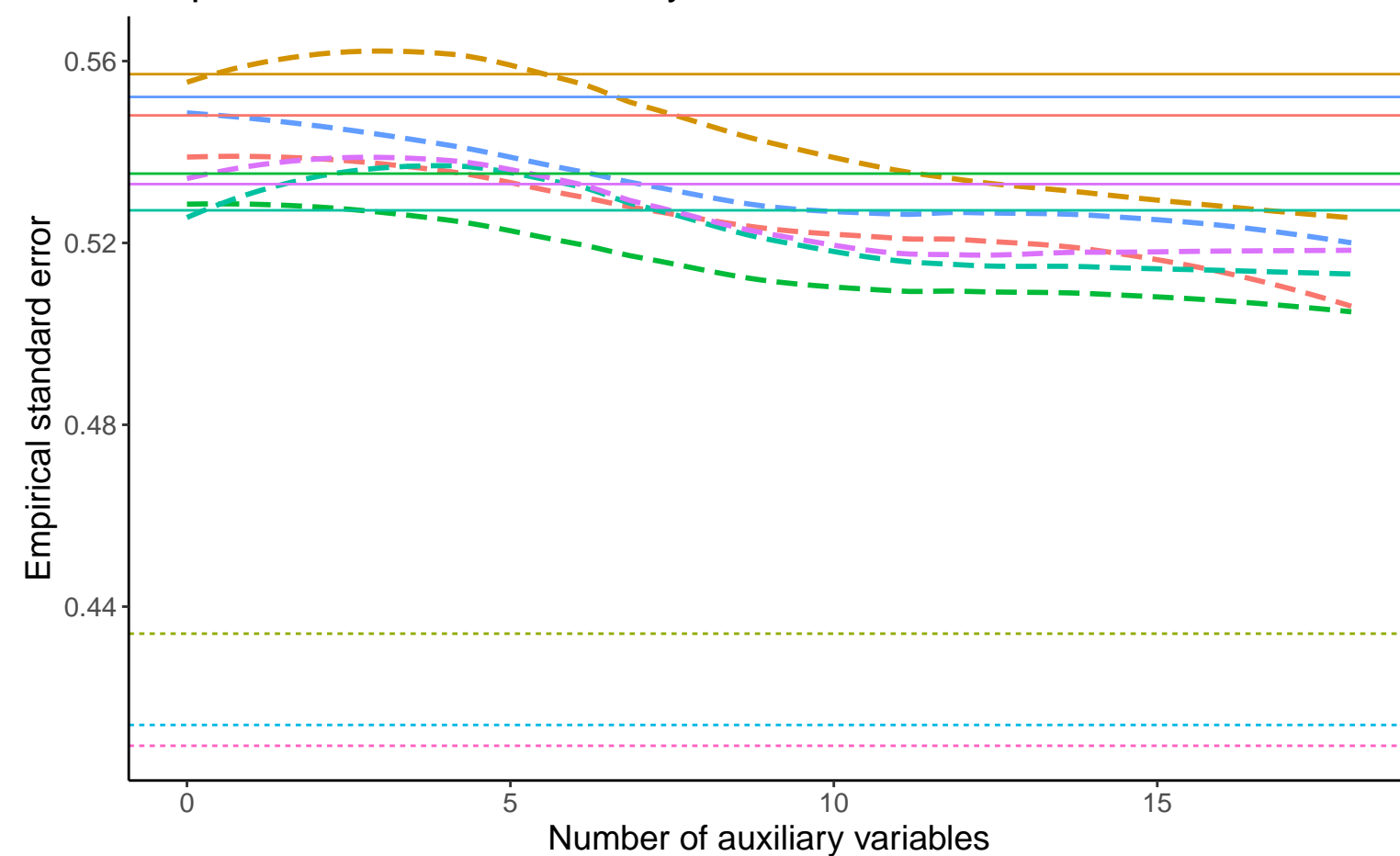


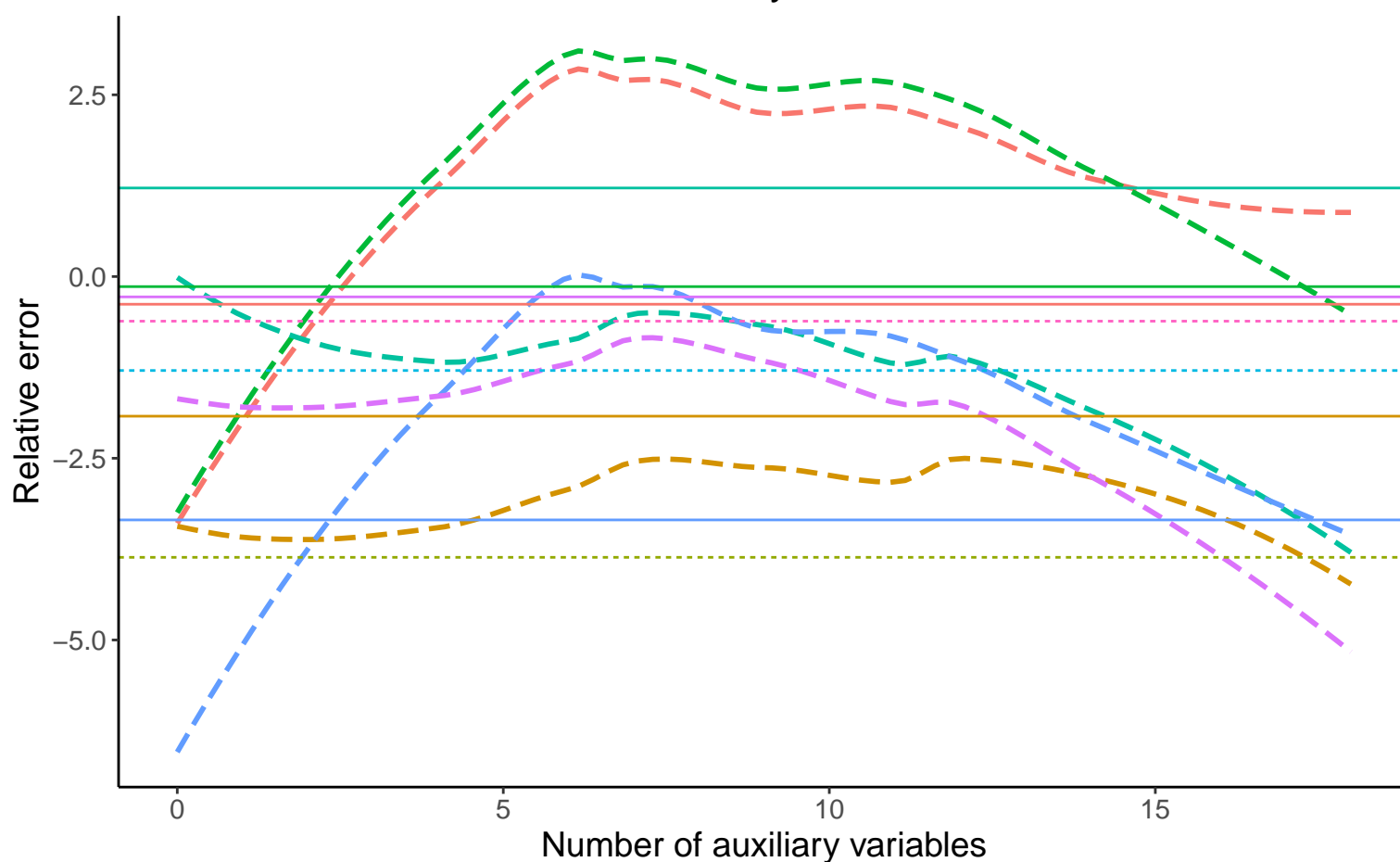
Bias vs number of auxiliary variables



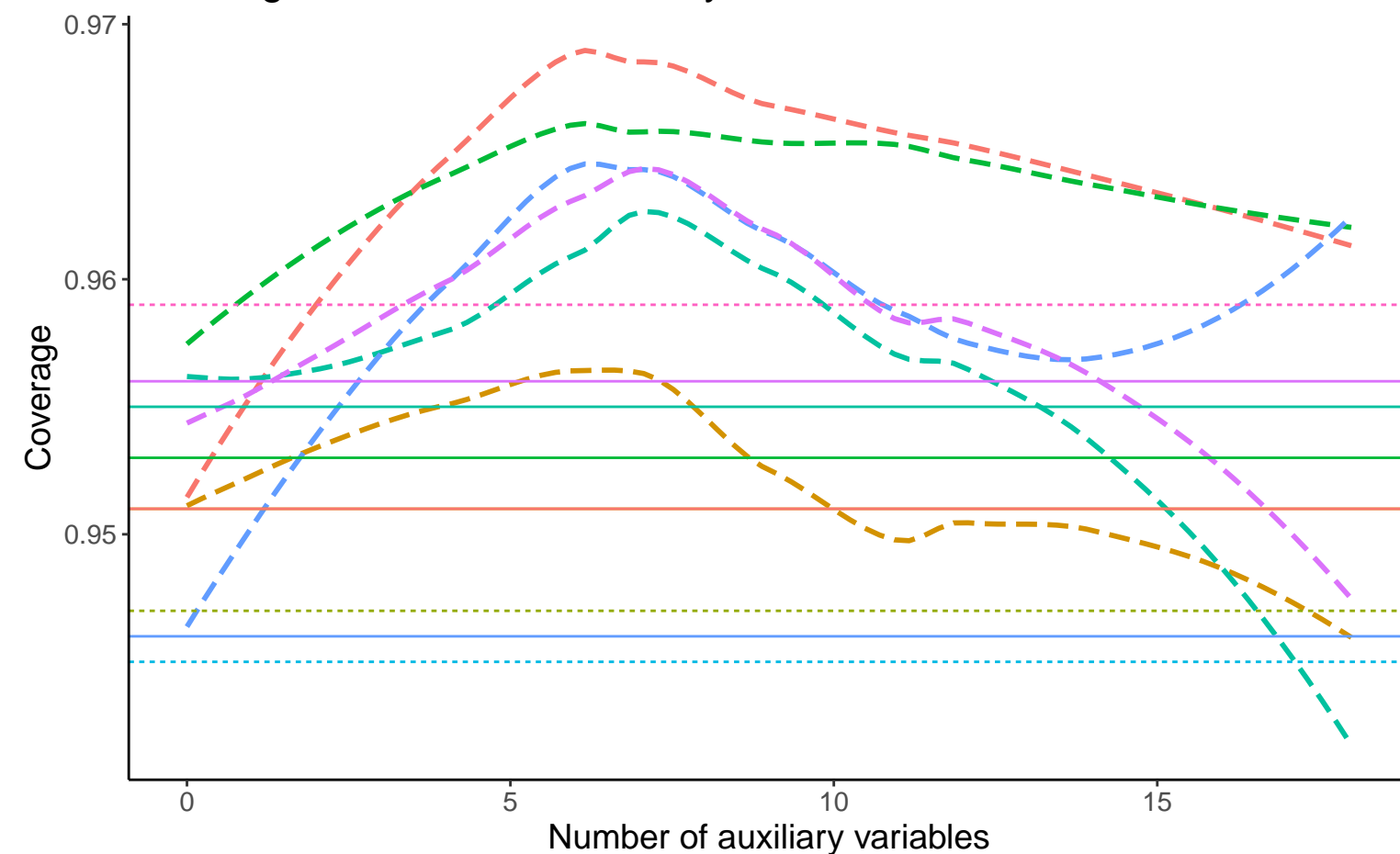
EmpSE vs number of auxiliary variables



Relative error vs number of auxiliary variables



Coverage vs number of auxiliary variables



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

Binary A, Cov:0, Betas:  $(-0.25, 0, -0.02)$ , %Mis:0.4, Mech:MAR    Binary A, Cov:0, Betas:  $(-0.25, 0, -0.02)$ , %Mis:0.4, Mech:MCAR    Binary A, Cov:0, Betas:  $(-0.25, 0, -0.02)$ , %Mis:0.4, Mech:N/A  
 Binary A, Cov:0, Betas:  $(0, 0, -0.02)$ , %Mis:0.4, Mech:MAR    Binary A, Cov:0, Betas:  $(0, 0, -0.02)$ , %Mis:0.4, Mech:MCAR    Binary A, Cov:0, Betas:  $(0, 0, -0.02)$ , %Mis:0.4, Mech:N/A  
 Binary A, Cov:0, Betas:  $(0.25, 0, -0.02)$ , %Mis:0.4, Mech:MAR    Binary A, Cov:0, Betas:  $(0.25, 0, -0.02)$ , %Mis:0.4, Mech:MCAR    Binary A, Cov:0, Betas:  $(0.25, 0, -0.02)$ , %Mis:0.4, Mech:N/A