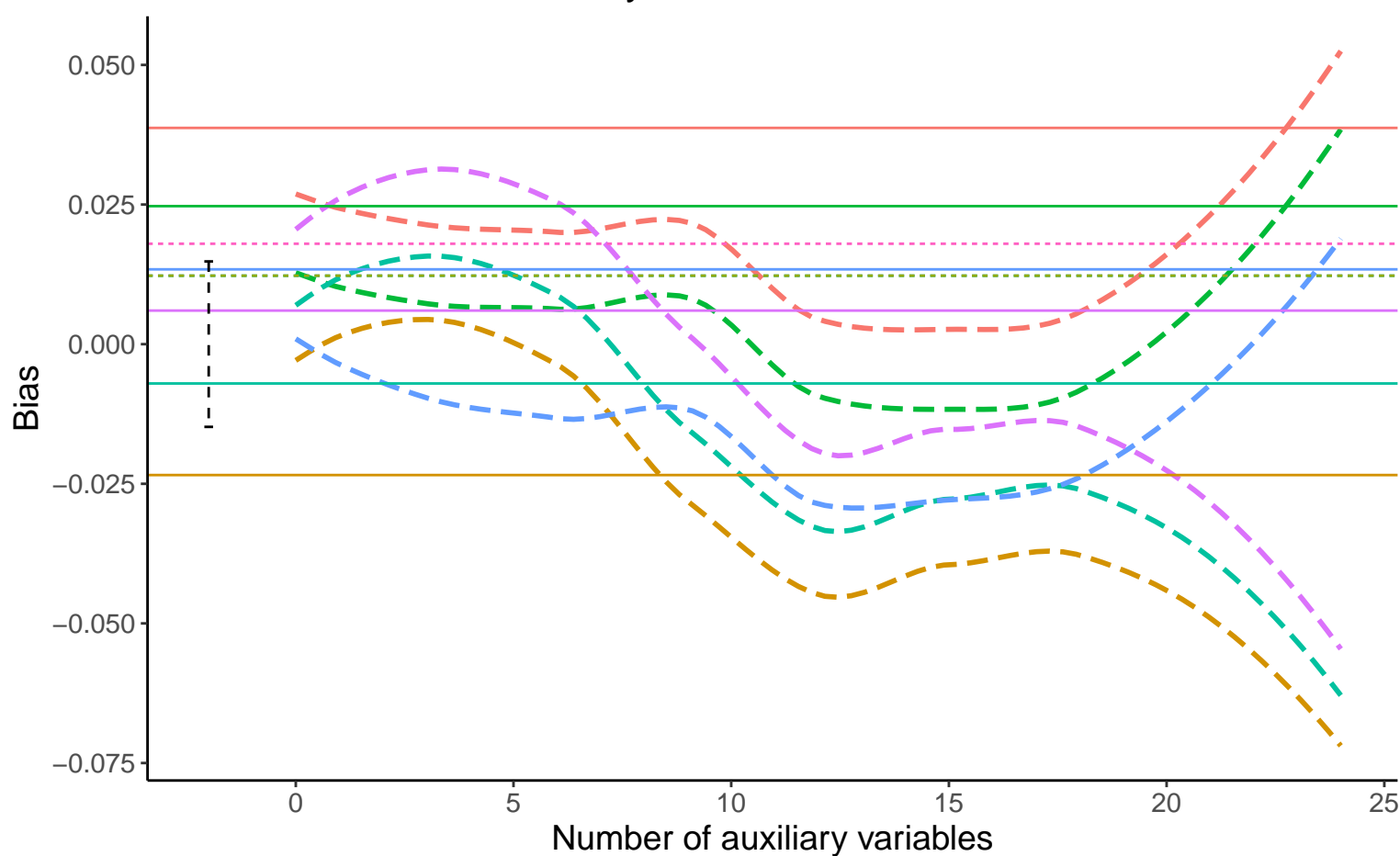
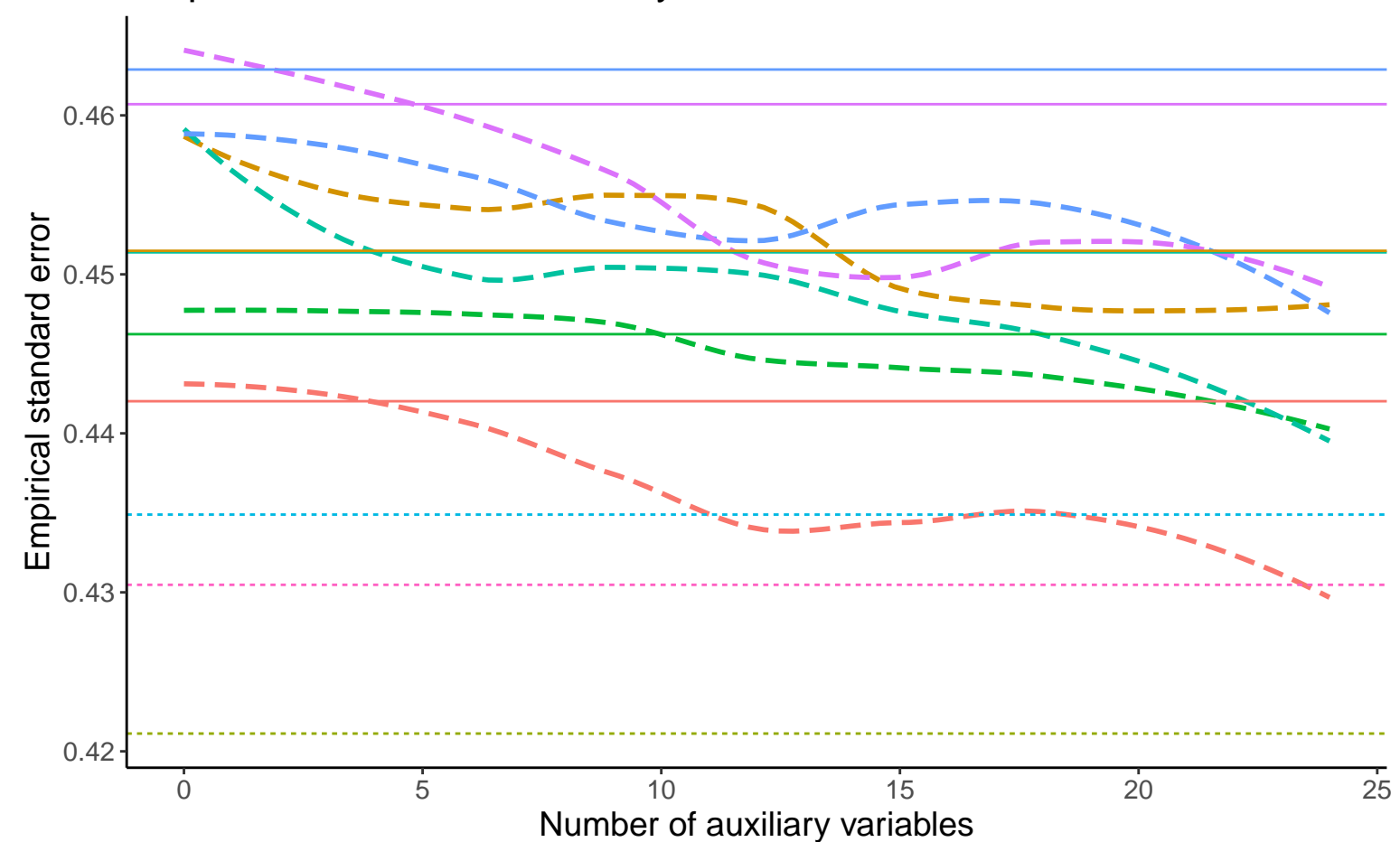


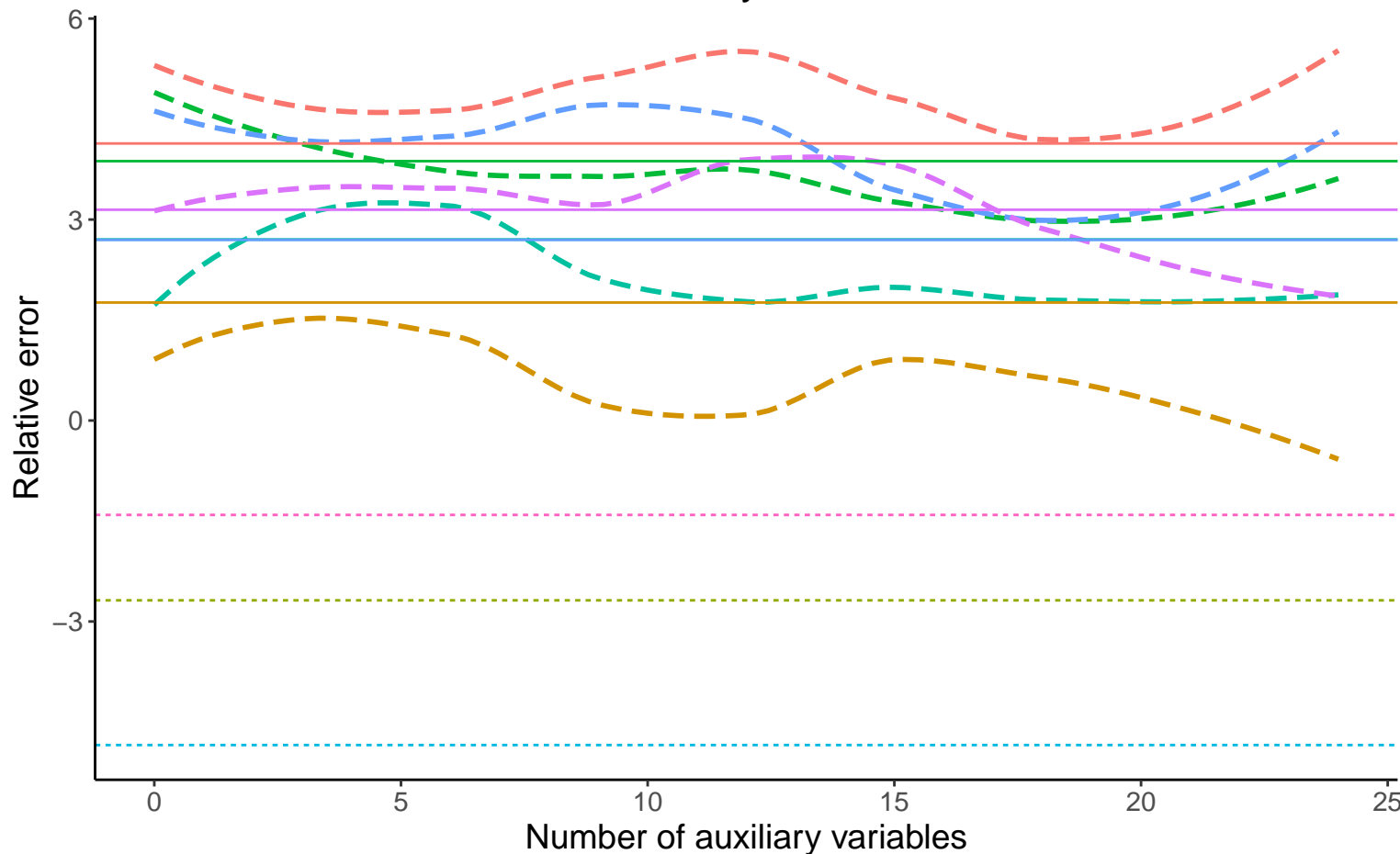
Bias vs number of auxiliary variables



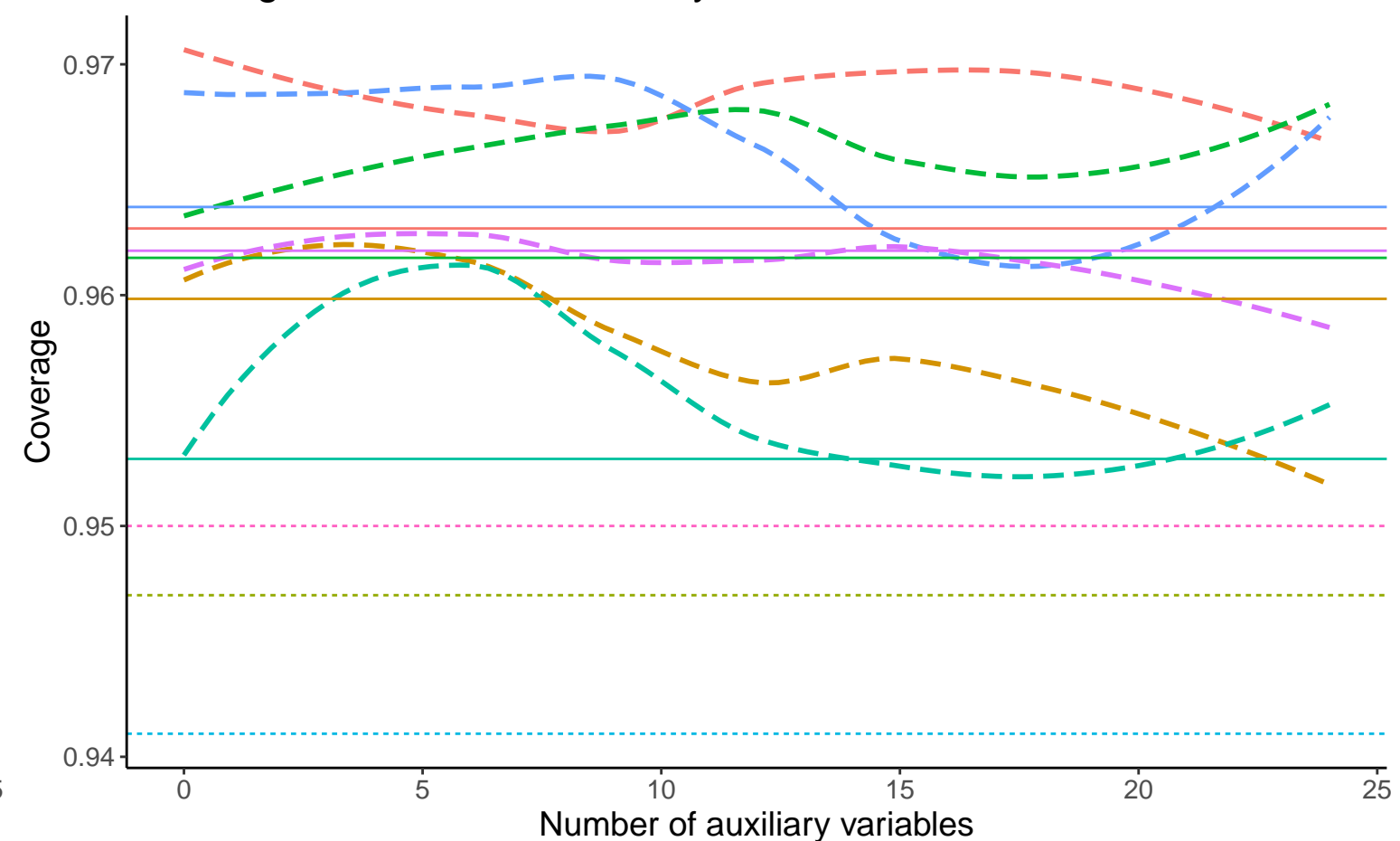
EmpSE vs number of auxiliary variables



Relative error vs number of auxiliary variables



Coverage vs number of auxiliary variables



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

— Continuous A, Cov:0.2, Betas:  $(-0.25, 0.5, 0.02)$ , %Mis:0.2, Mech:MAR    — Continuous A, Cov:0.2, Betas:  $(-0.25, 0.5, 0.02)$ , %Mis:0.2, Mech:MCAR    — Continuous A, Cov:0.2, Betas:  $(-0.25, 0.5, 0.02)$ , %Mis:0.2, Mech:N/A  
 — Continuous A, Cov:0.2, Betas:  $(0, 0.5, 0.02)$ , %Mis:0.2, Mech:MAR    — Continuous A, Cov:0.2, Betas:  $(0, 0.5, 0.02)$ , %Mis:0.2, Mech:MCAR    — Continuous A, Cov:0.2, Betas:  $(0, 0.5, 0.02)$ , %Mis:0.2, Mech:N/A  
 — Continuous A, Cov:0.2, Betas:  $(0.25, 0.5, 0.02)$ , %Mis:0.2, Mech:MAR    — Continuous A, Cov:0.2, Betas:  $(0.25, 0.5, 0.02)$ , %Mis:0.2, Mech:MCAR    — Continuous A, Cov:0.2, Betas:  $(0.25, 0.5, 0.02)$ , %Mis:0.2, Mech:N/A