

Appendices

A Trace plots for known exposure

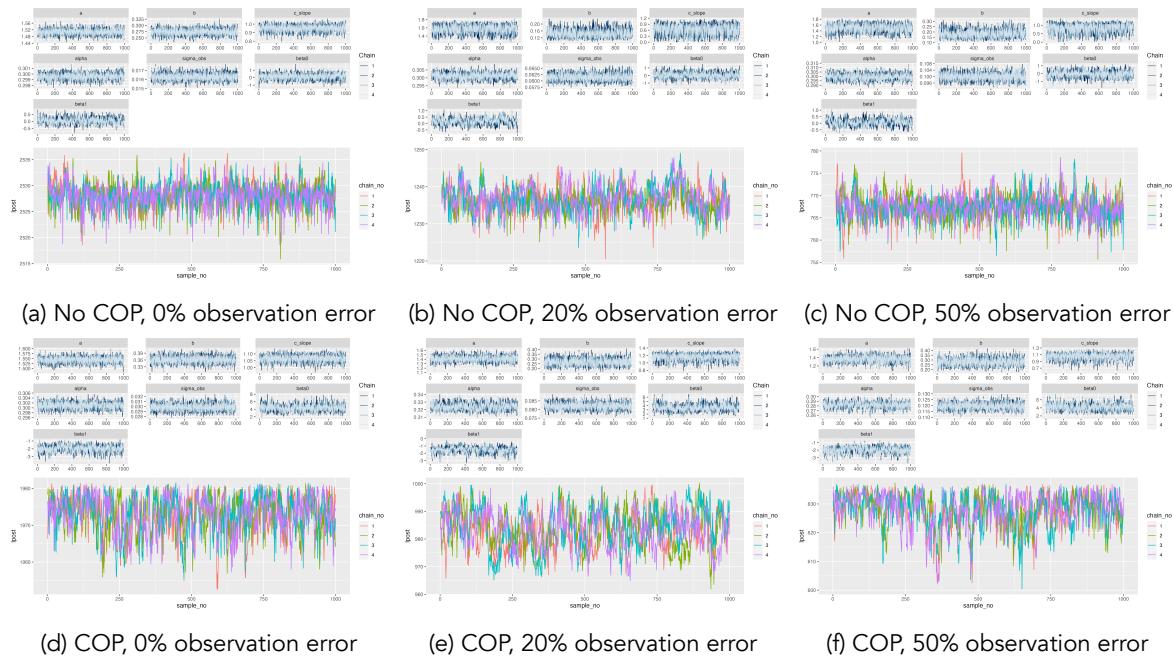


Figure 1: Simulation recovery of infection status and epidemic curve for two COP models (top: No COP, bottom: logistic COP) and three different levels antibody kinetics variability (0, 20%, 50%)

B Trace plots for Inferred exposure

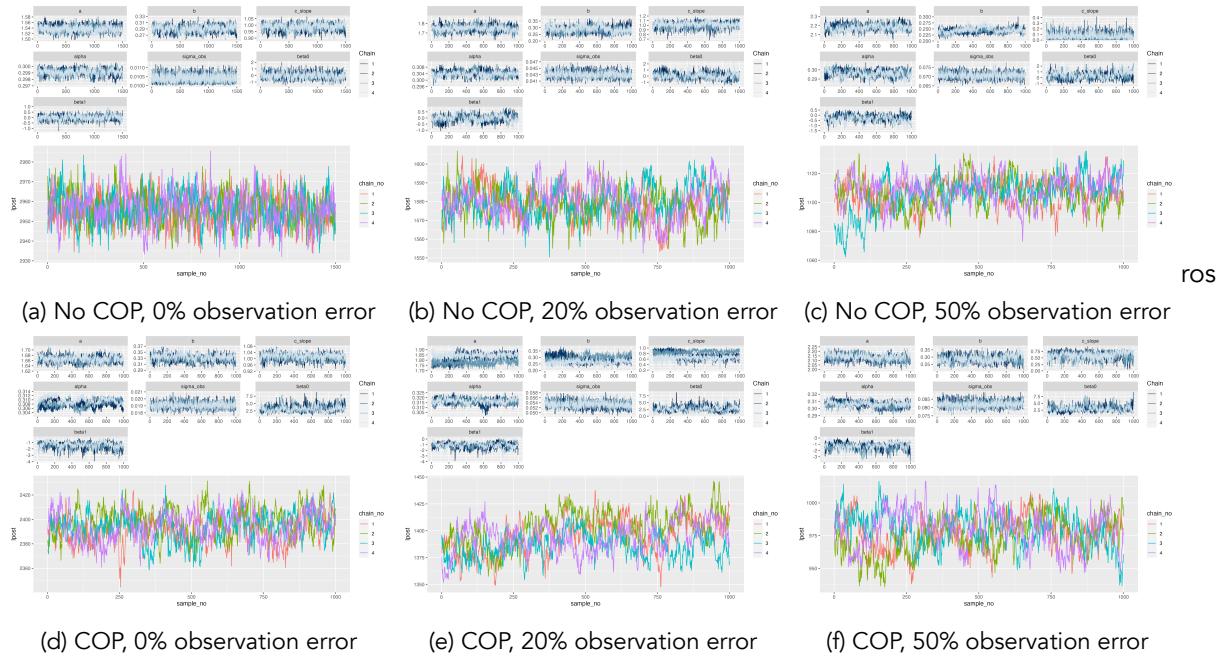


Figure 2: Simulation recovery of infection status and epidemic curve for two COP models (top: No COP, bottom: logistic COP) and three different levels antibody kinetics variability (0, 20%, 50%)