

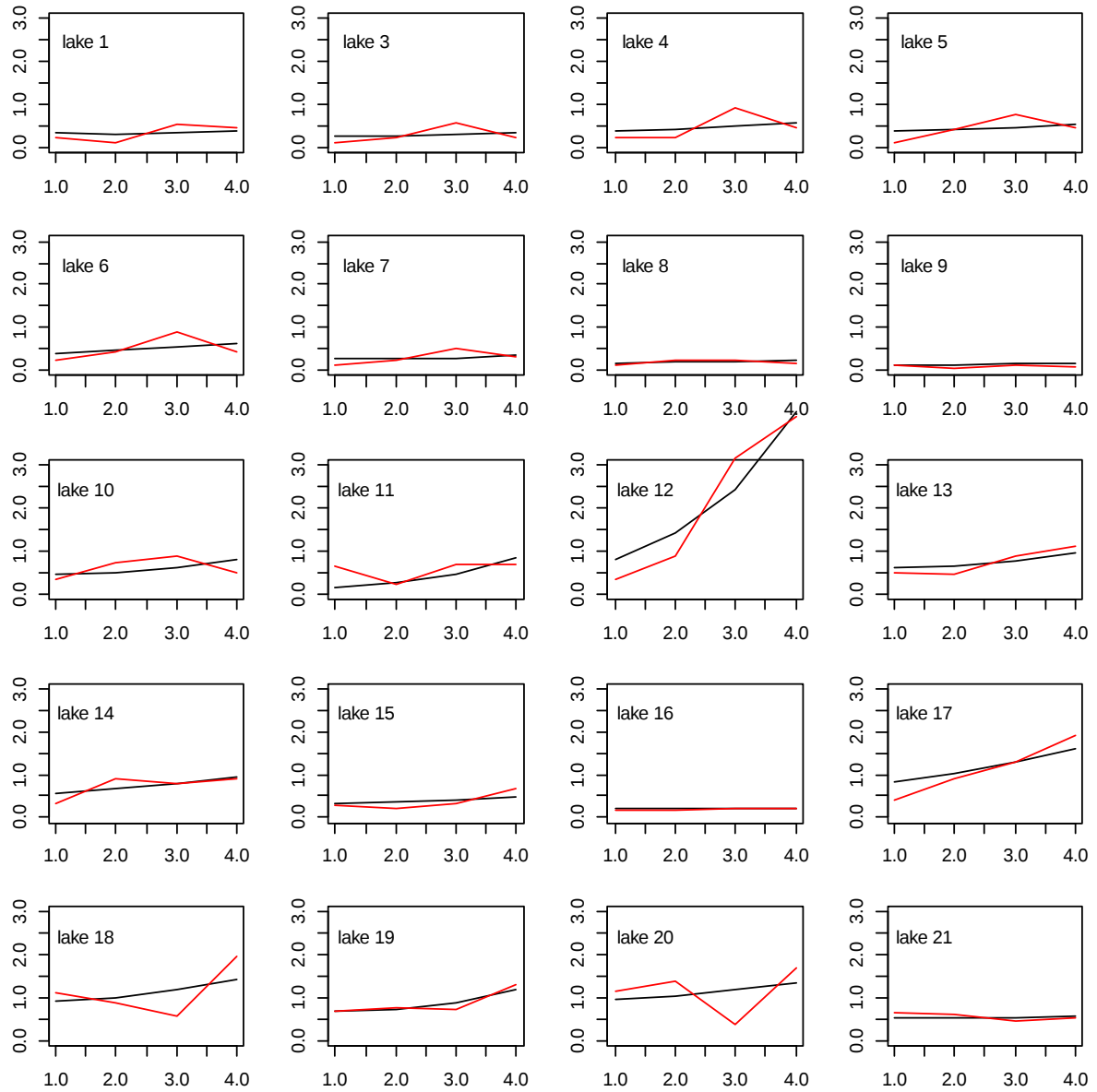


Fig. S4: Time series plot of field measurements of phytoplankton concentration (red line) and estimated phytoplankton biomass for lake j at time t ($X_{j,t}$) based on the hierarchical state-space predator-prey model (black lines) for the lakes included in the analysis.