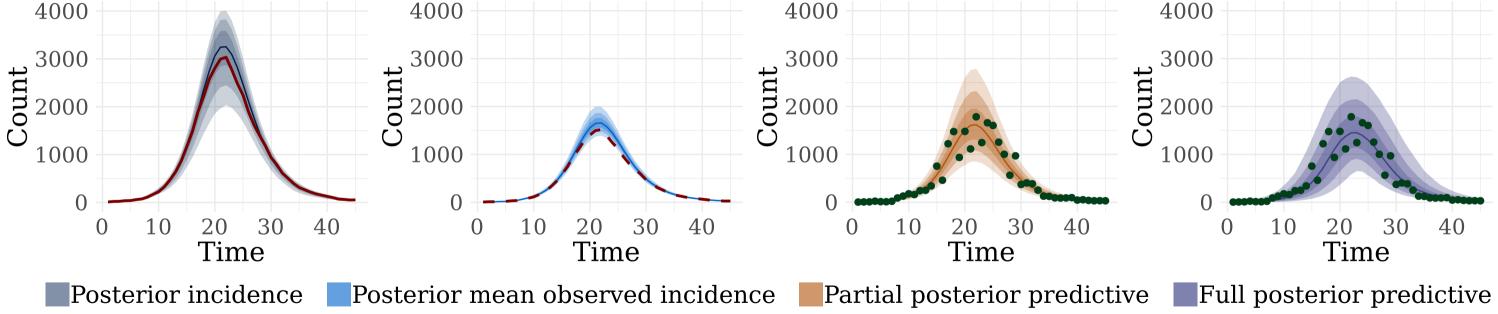Posterior incidence, posterior mean observed incidence, partial posterior predictive, and full posterior predictive distributions

Posterior incidence Posterior mean observed incidence Partial posterior predictive Full posterior predictive

—— True path - - - True mean observed incidence ● Data