Posterior predictive forecasting Data generation: power alarm No Behavioral Change Power **Spline** Gaussian Process Incidence 100 0 100 0 100 0 Epidemic time Data generation: threshold alarm **Threshold** No Behavioral Change **Spline** Gaussian Process Incidence 100 0 100 0 100 0 Epidemic time Data generation: Hill alarm No Behavioral Change **Gaussian Process** Hill **Spline** Incidence 100 0 100 0 100 0

Epidemic time