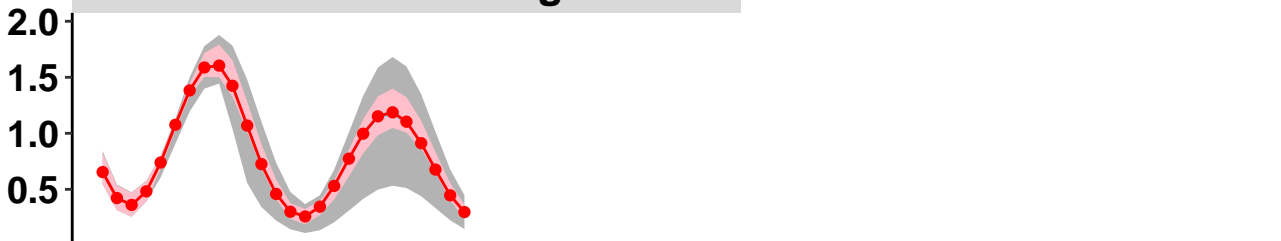
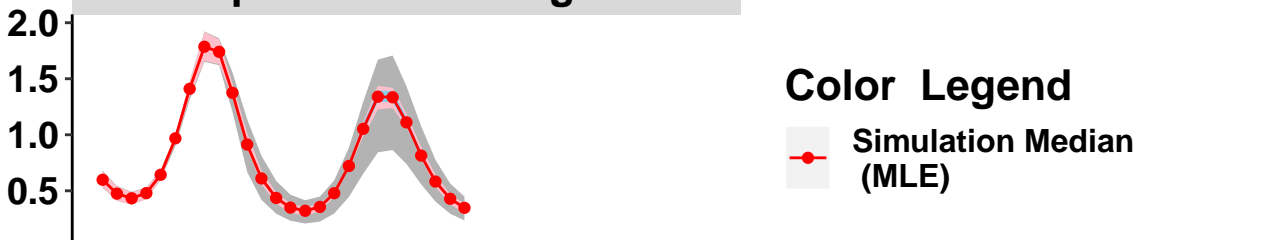


**SIR Cosine No Immigration**



**SIR Spline No Immigration**



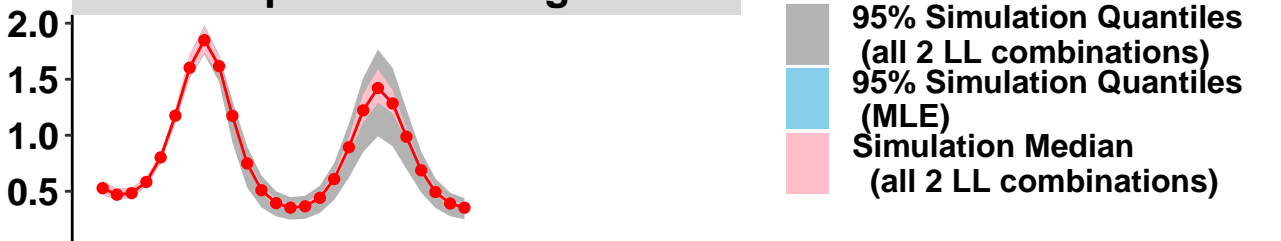
**Color Legend**

Simulation Median (MLE)

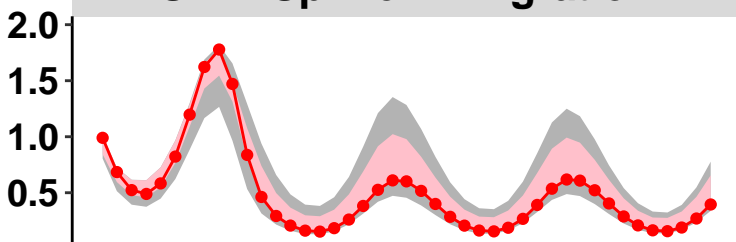
**Ribbon Legend**

95% Simulation Quantiles (all 2 LL combinations)  
95% Simulation Quantiles (MLE)  
Simulation Median (all 2 LL combinations)

**SEIR Spline No Immigration**



**SEIR Spline Immigration**



**Years since Jan 1 1986**