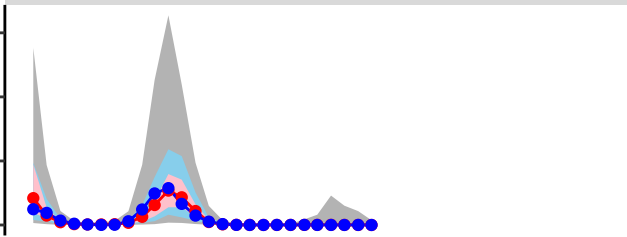


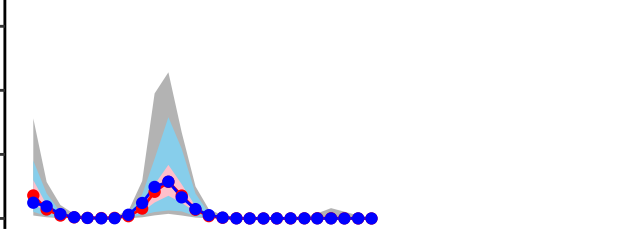
**SIR Cosine No Immigration**

60000  
40000  
20000  
0



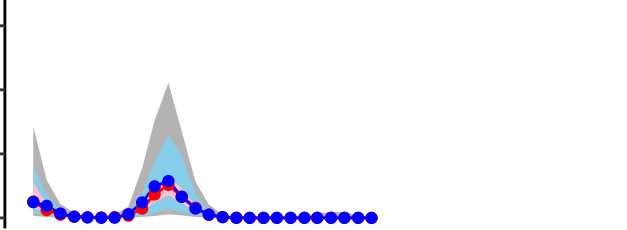
**SIR Spline No Immigration**

60000  
40000  
20000  
0



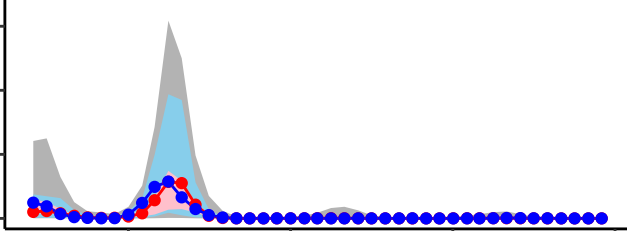
**SEIR Spline No Immigration**

60000  
40000  
20000  
0



**SEIR Spline Immigration**

60000  
40000  
20000  
0



**Ribbon Legend**

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

**Color Legend**

- Simulation Median (MLE)
- Observed

Observed Monthly Cases

Years since Jan 1 1986