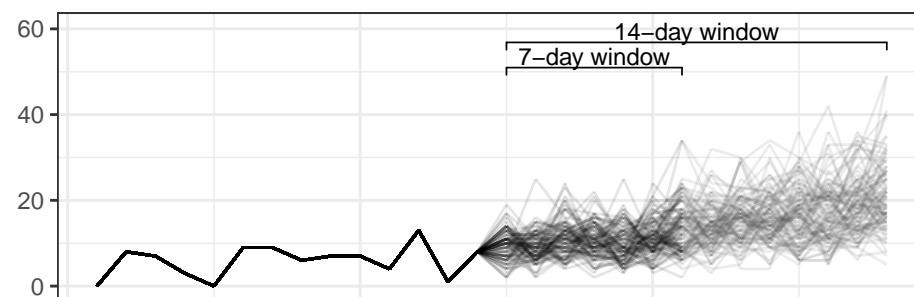
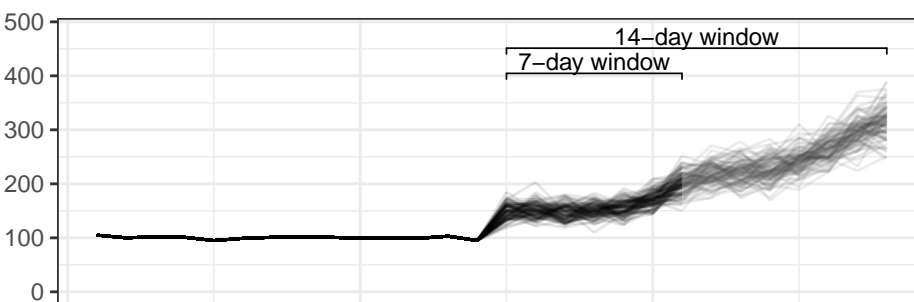


Simulation trajectories

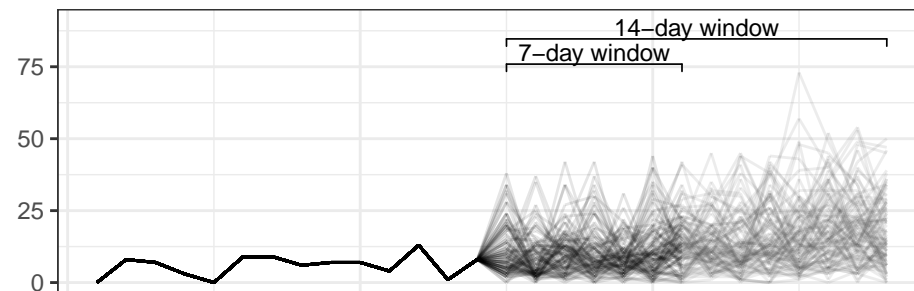
$R_t = 1.5$   
 $\xi = 1.5$   
 Magnitude : low



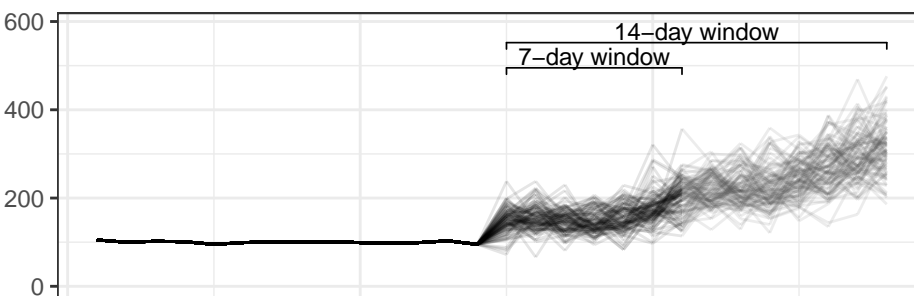
$R_t = 1.5$   
 $\xi = 1.5$   
 Magnitude : high



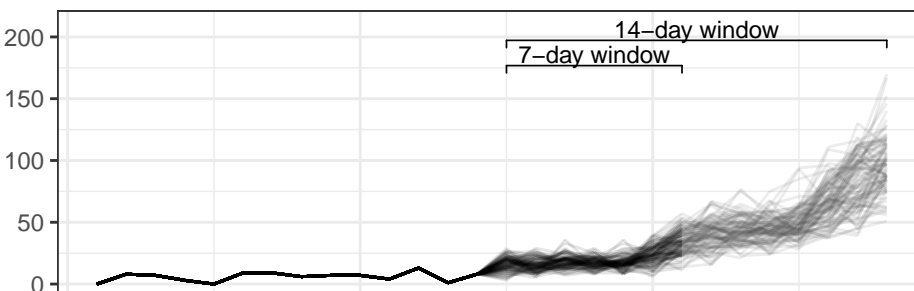
$R_t = 1.5$   
 $\xi = 6$   
 Magnitude : low



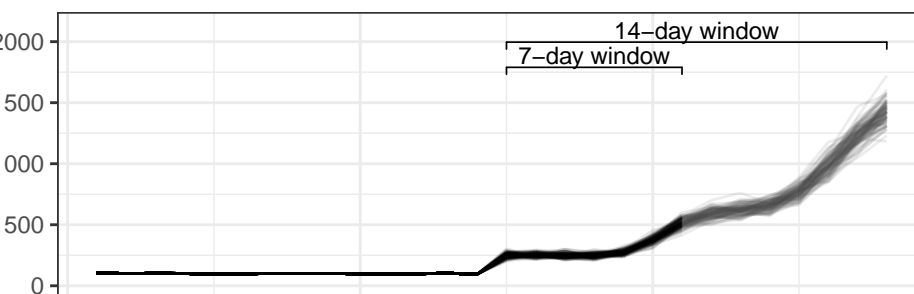
$R_t = 1.5$   
 $\xi = 6$   
 Magnitude : high



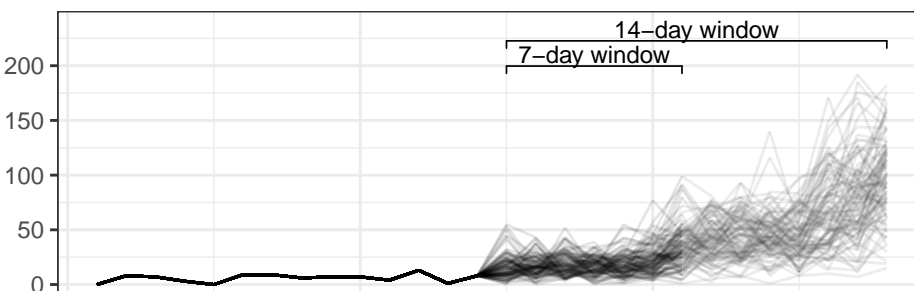
$R_t = 2.5$   
 $\xi = 1.5$   
 Magnitude : low



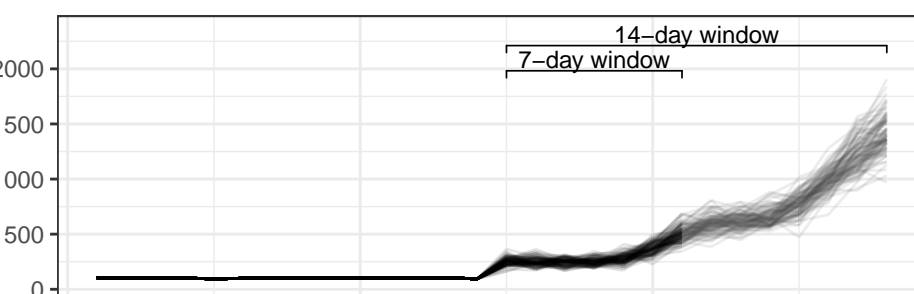
$R_t = 2.5$   
 $\xi = 1.5$   
 Magnitude : high



$R_t = 2.5$   
 $\xi = 6$   
 Magnitude : low



$R_t = 2.5$   
 $\xi = 6$   
 Magnitude : high

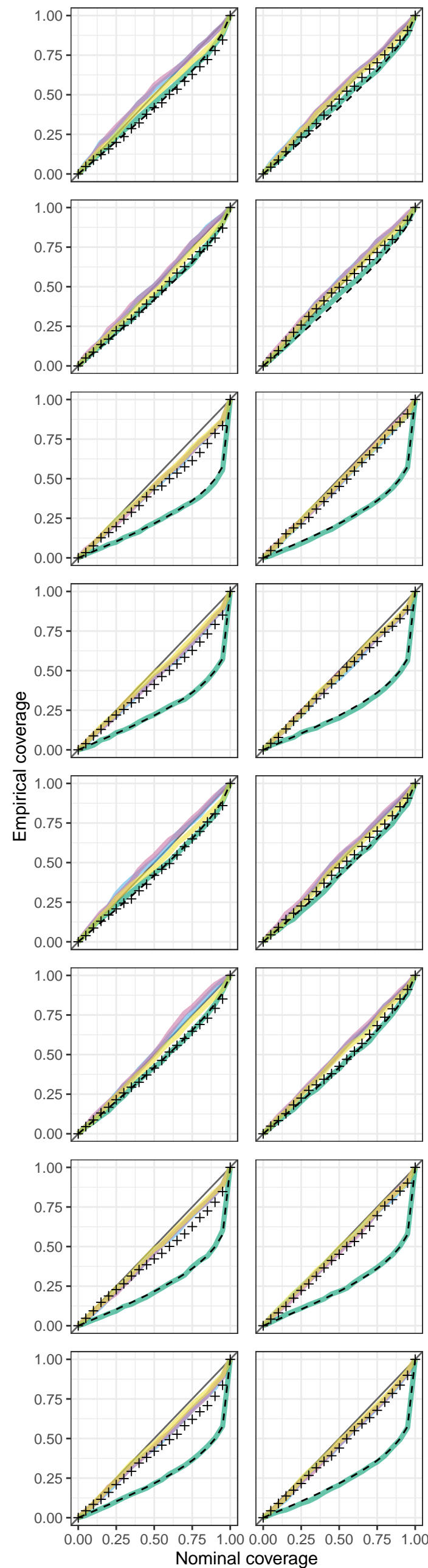


Cases

Day

7-day window

14-day window



+ normal approx.

-- theoretical  
Poisson coverage

Model

Poiss  
 Q-Poiss  
 NegBin-L  
 NegBin-Q