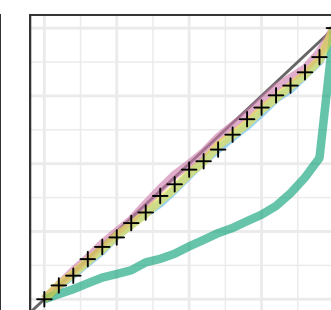
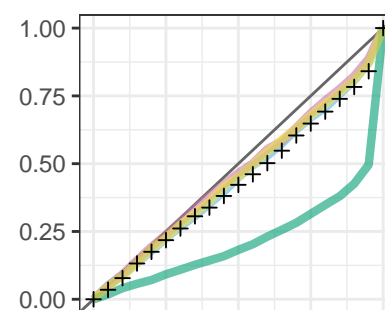
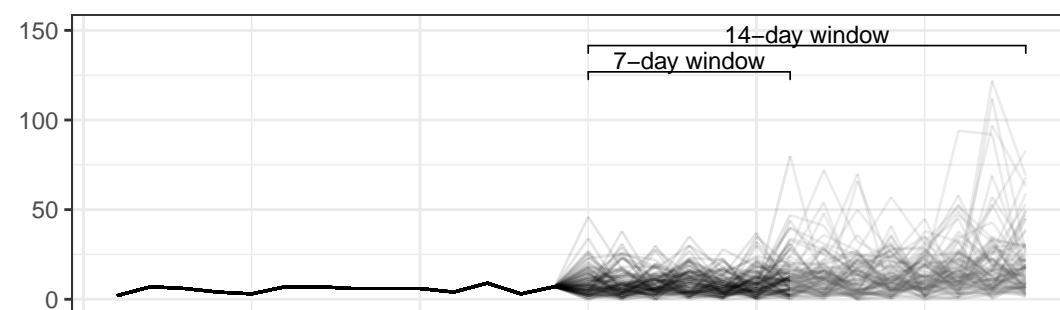


Simulation trajectories

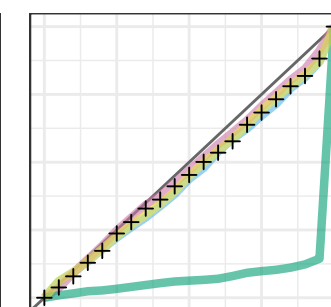
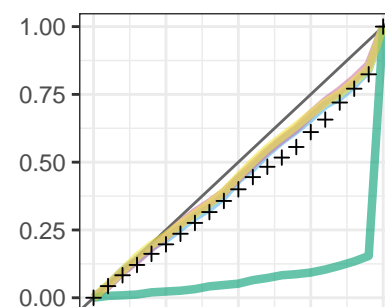
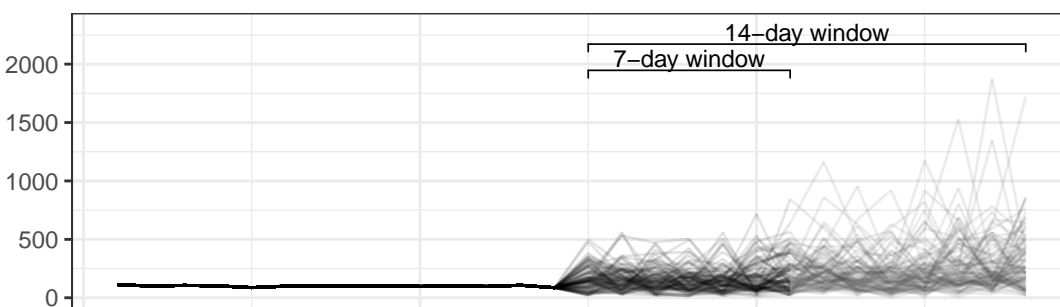
7-day window

14-day window

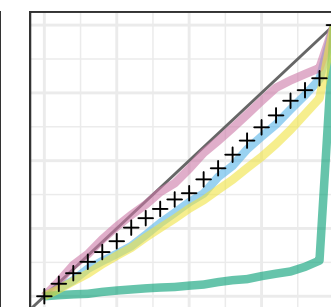
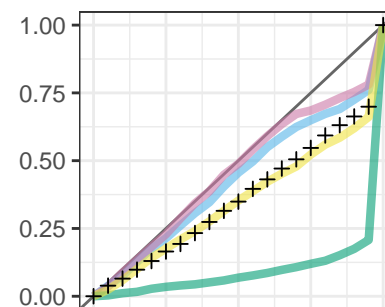
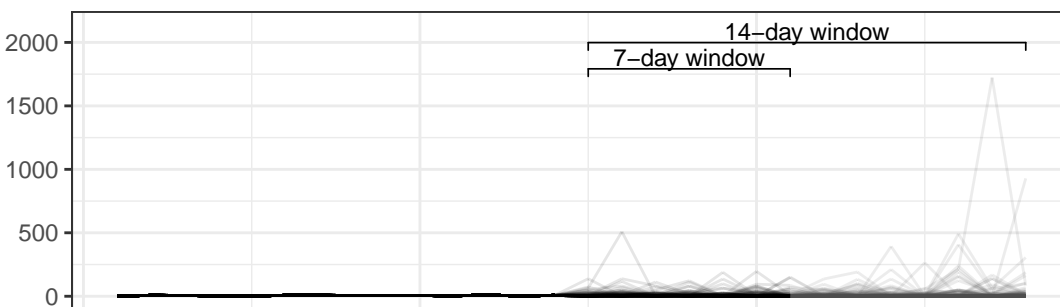
$R_t = 1.5$   
 $\xi = 1.5$   
 Magnitude : low



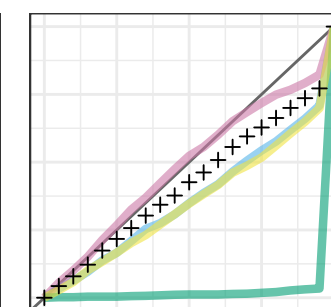
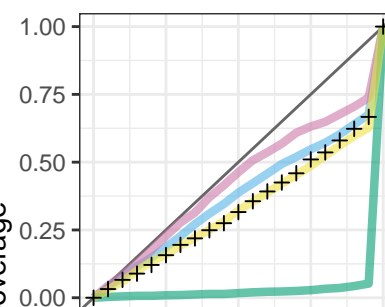
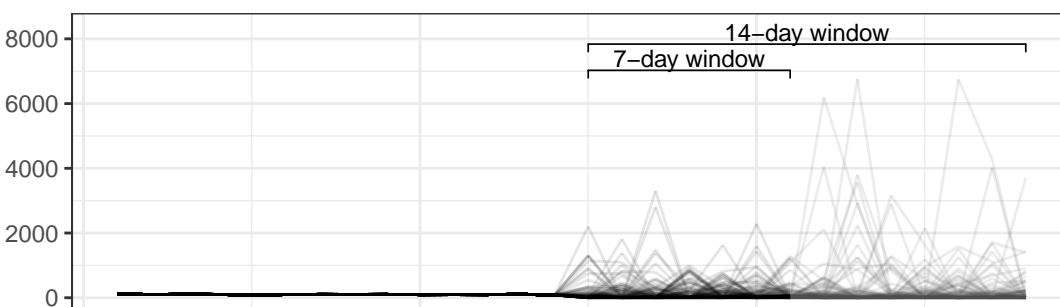
$R_t = 1.5$   
 $\xi = 1.5$   
 Magnitude : high



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



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



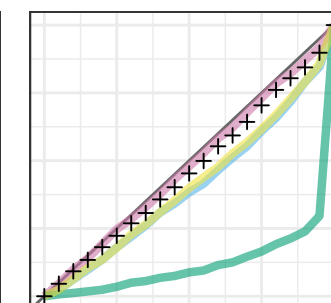
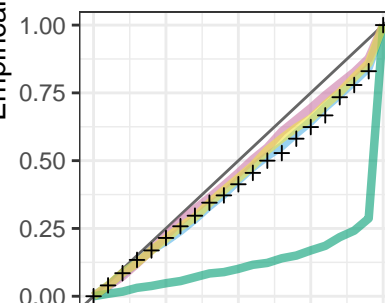
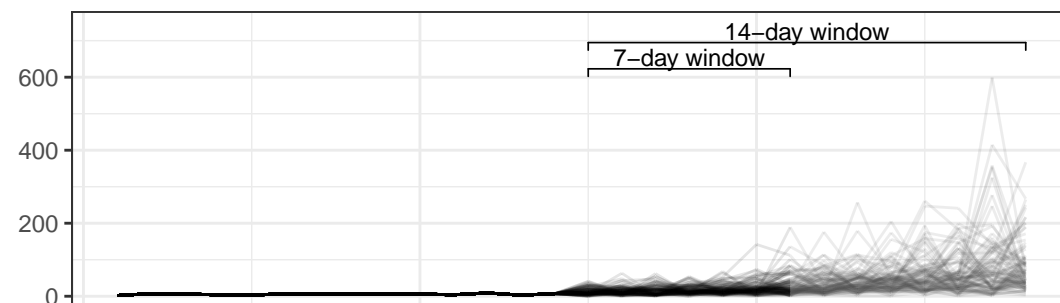
+ normal approx.

-- theoretical  
Poisson coverage

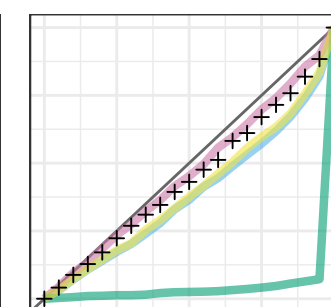
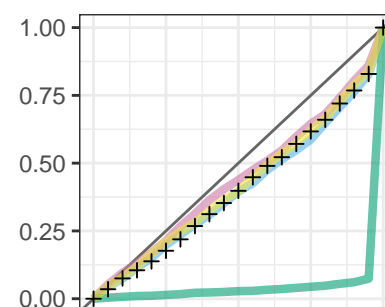
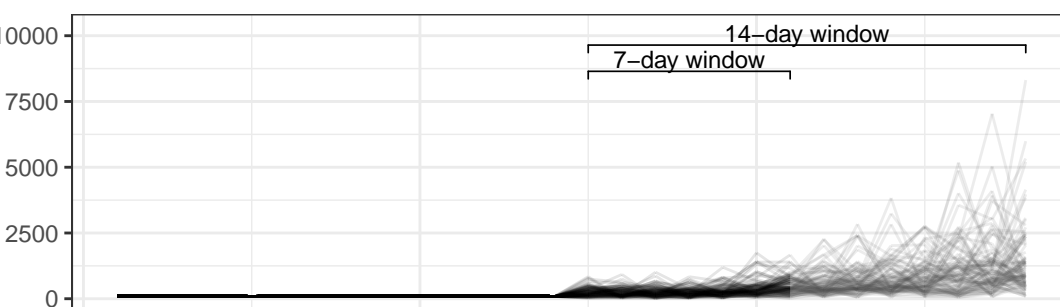
Model

Poiss  
 Q-Poiss  
 NegBin-L  
 NegBin-Q

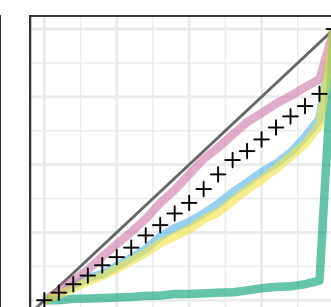
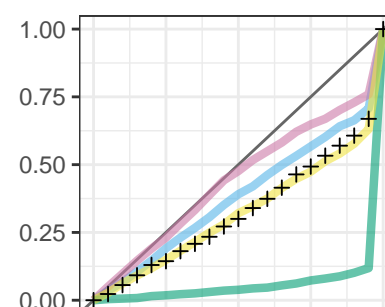
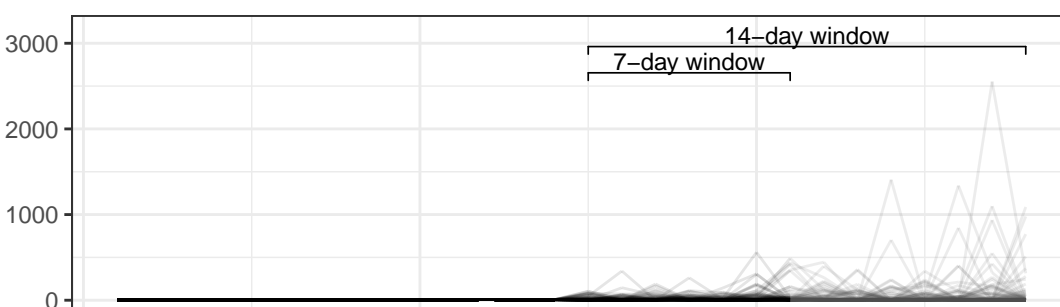
$R_t = 2.5$   
 $\xi = 1.5$   
 Magnitude : low



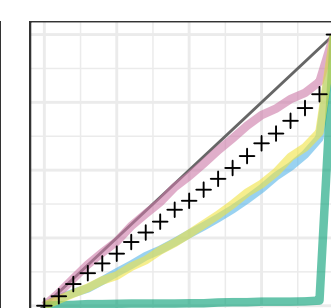
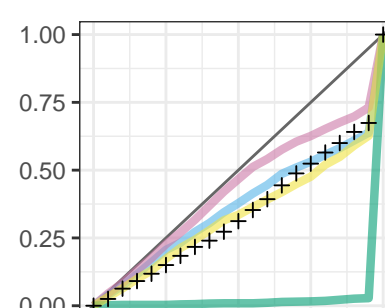
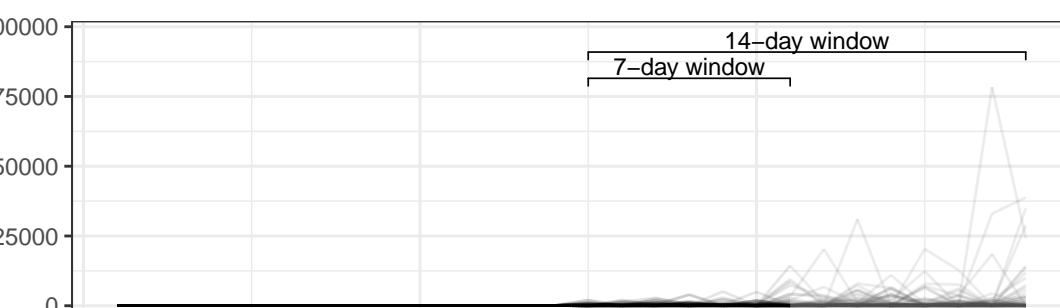
$R_t = 2.5$   
 $\xi = 1.5$   
 Magnitude : high



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



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



Nominal coverage

Day

Cases