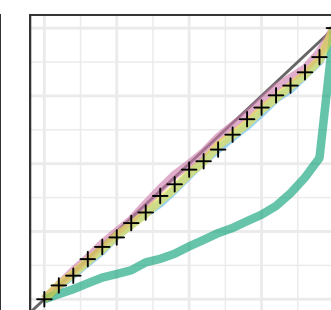
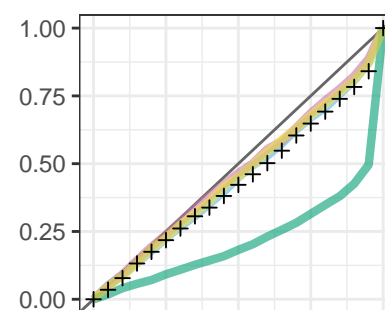
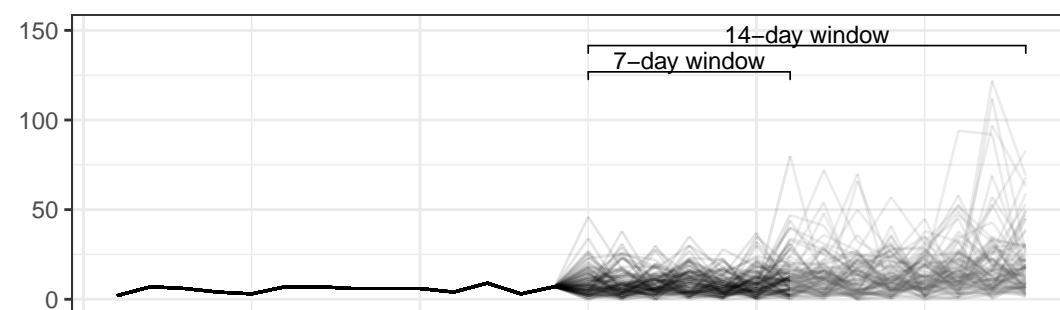


Simulation trajectories

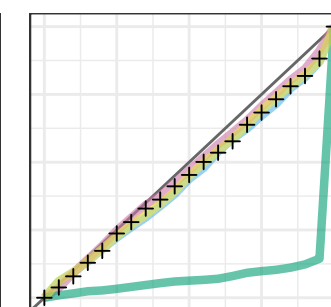
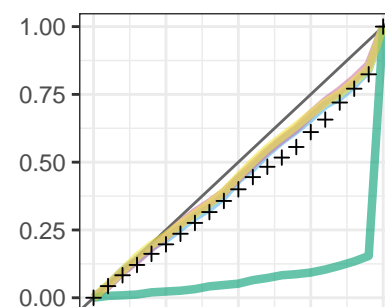
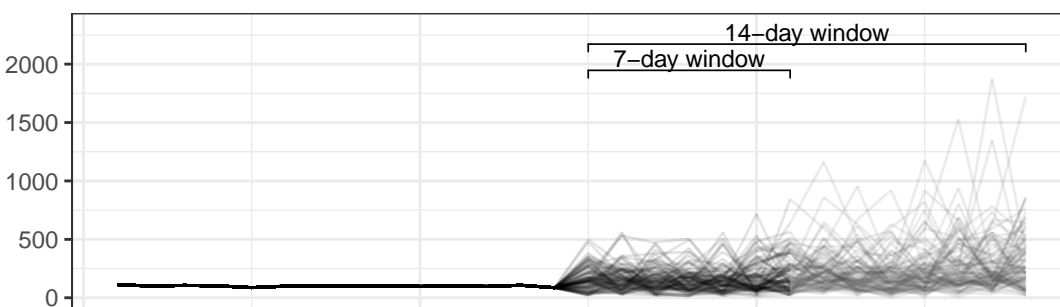
7-day window

14-day window

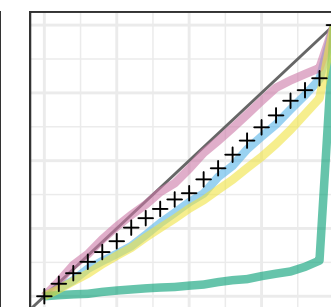
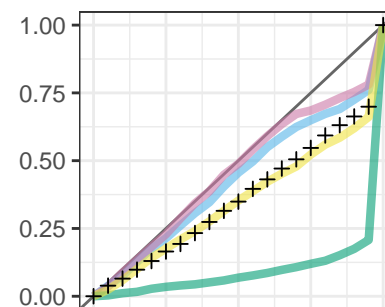
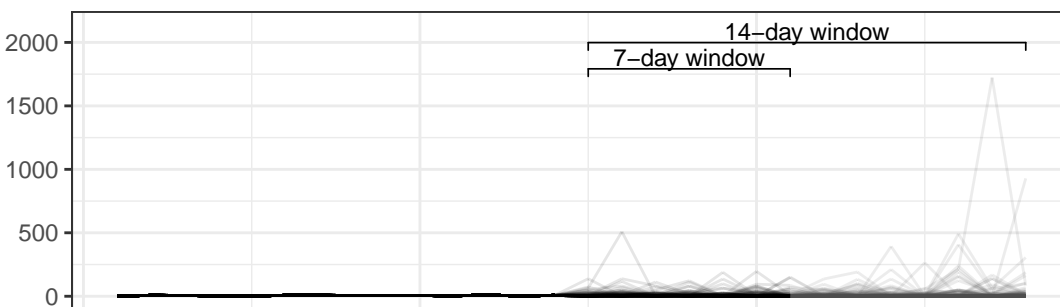
$R_t = 1.5$
 $\psi = 0.5$
 Magnitude : low



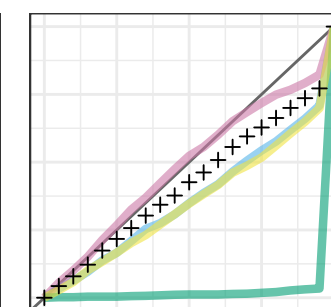
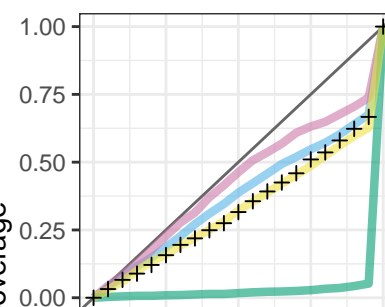
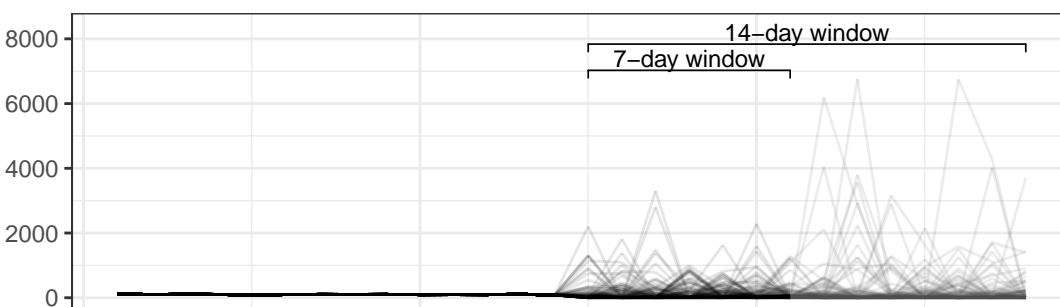
$R_t = 1.5$
 $\psi = 0.5$
 Magnitude : high



$R_t = 1.5$
 $\psi = 5$
 Magnitude : low



$R_t = 1.5$
 $\psi = 5$
 Magnitude : high



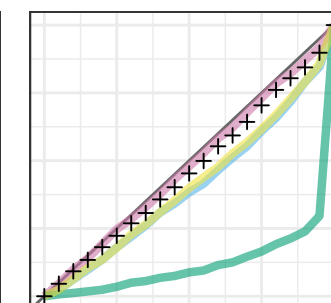
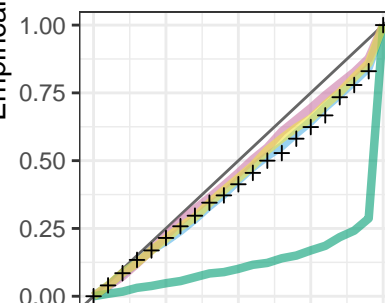
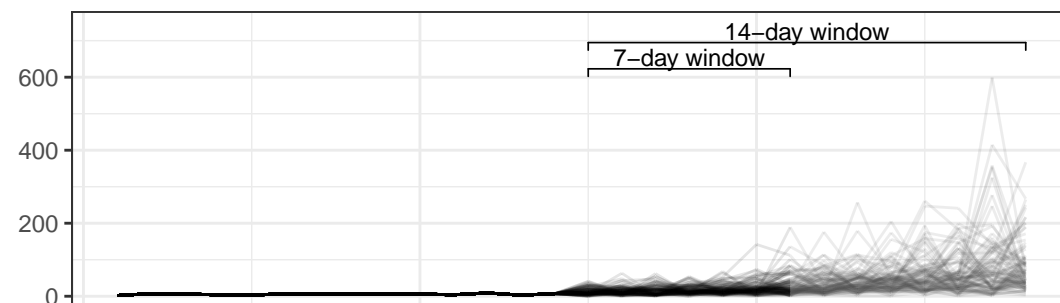
+ normal approx.

-- theoretical
Poisson coverage

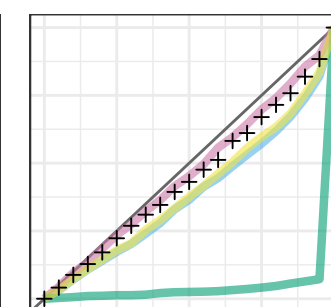
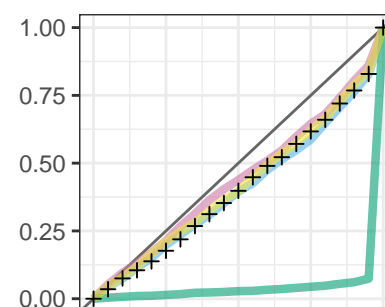
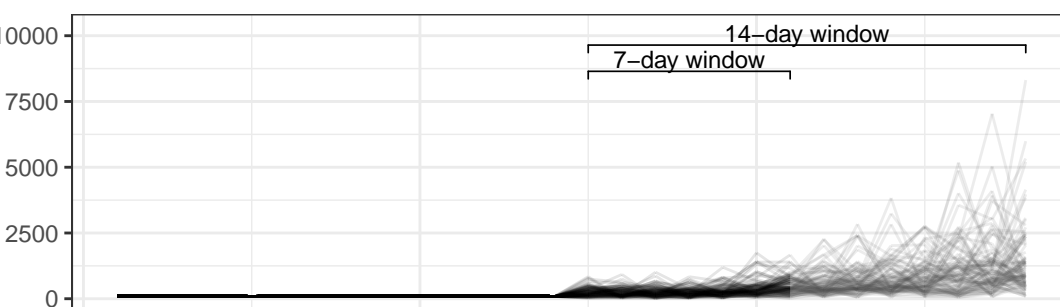
Model

Poiss
 Q-Poiss
 NegBin-L
 NegBin-Q

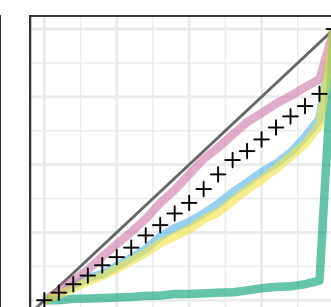
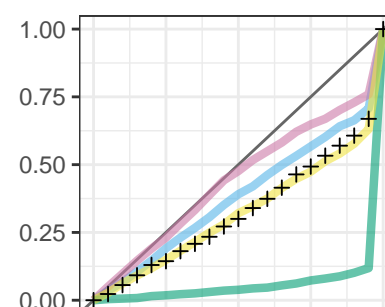
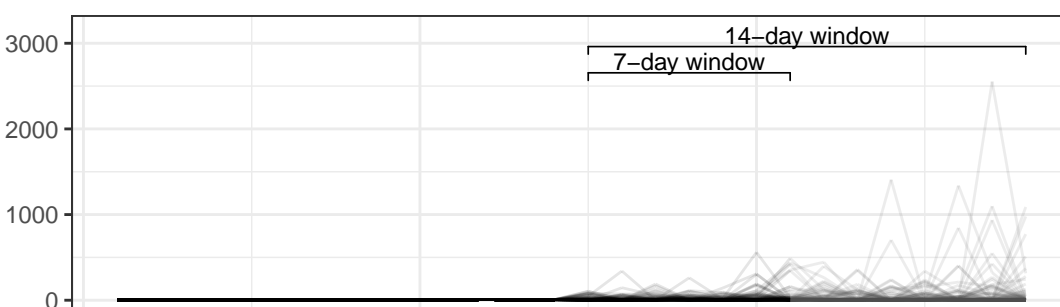
$R_t = 2.5$
 $\psi = 0.5$
 Magnitude : low



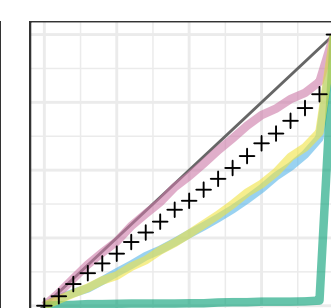
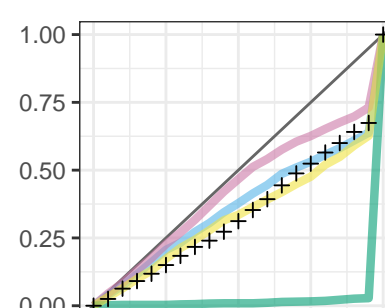
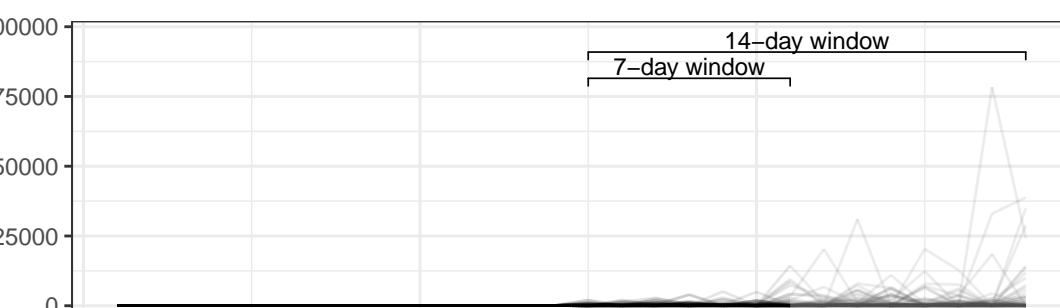
$R_t = 2.5$
 $\psi = 0.5$
 Magnitude : high



$R_t = 2.5$
 $\psi = 5$
 Magnitude : low



$R_t = 2.5$
 $\psi = 5$
 Magnitude : high



Nominal coverage

Day

Cases