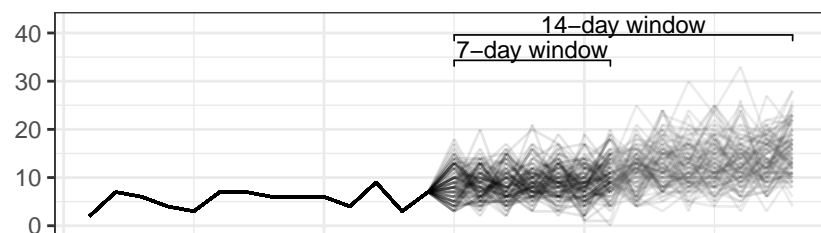
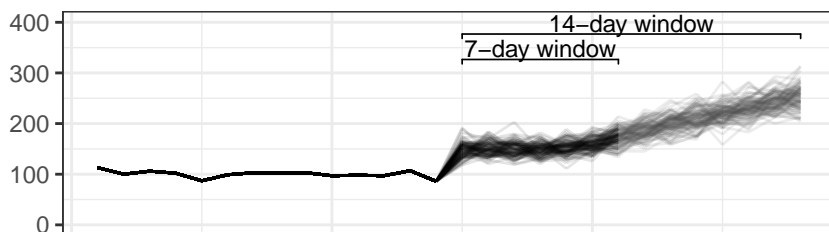


Simulation trajectories

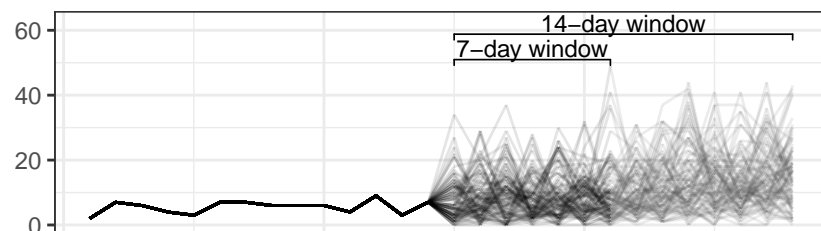
$R_t = 1.5$
 $\xi = 0.5$
 Magn. : low



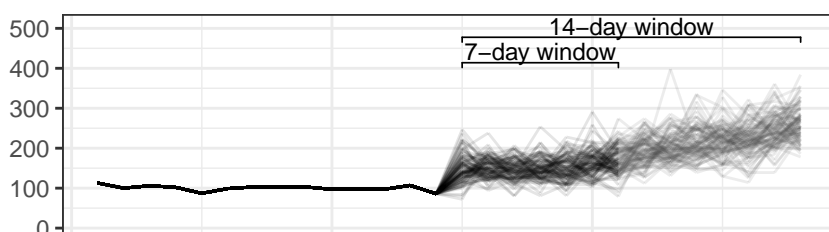
$R_t = 1.5$
 $\xi = 0.5$
 Magn. : high



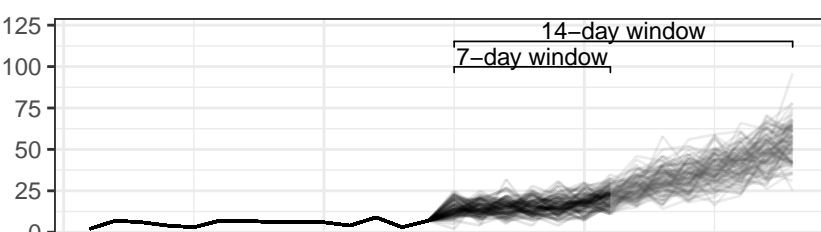
$R_t = 1.5$
 $\xi = 5$
 Magn. : low



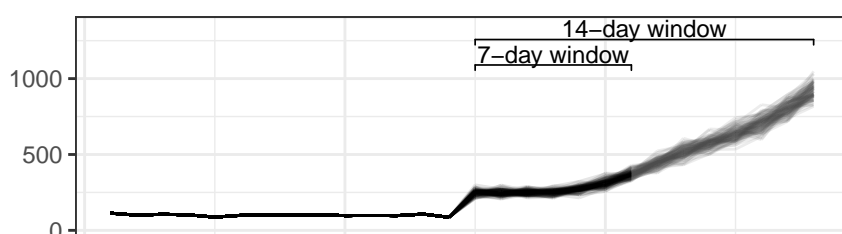
$R_t = 1.5$
 $\xi = 5$
 Magn. : high



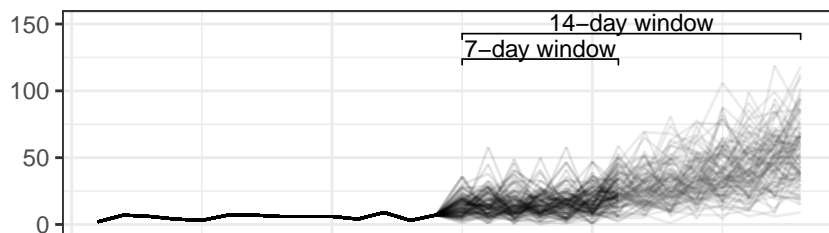
$R_t = 2.5$
 $\xi = 0.5$
 Magn. : low



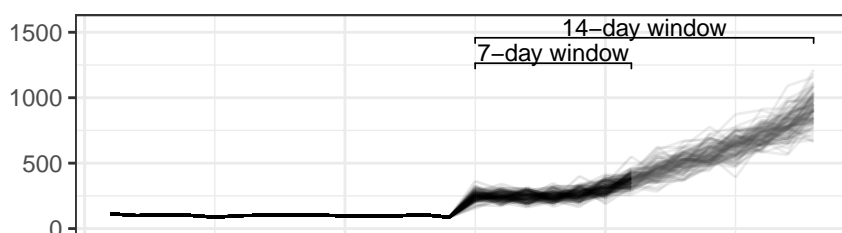
$R_t = 2.5$
 $\xi = 0.5$
 Magn. : high



$R_t = 2.5$
 $\xi = 5$
 Magn. : low



$R_t = 2.5$
 $\xi = 5$
 Magn. : high

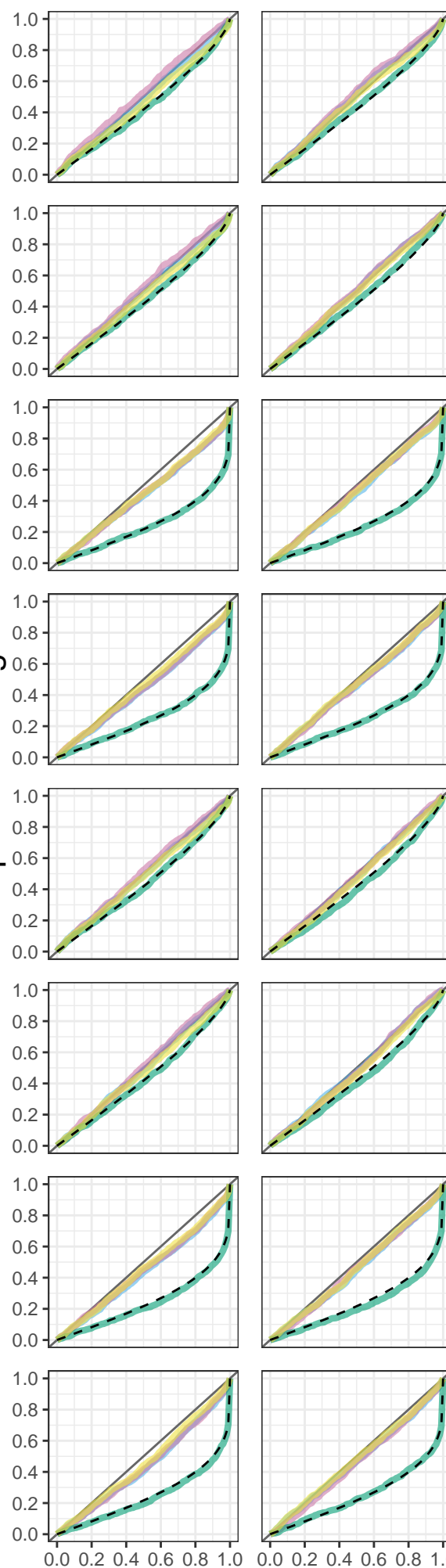


Cases

Day

7-day window 14-day window

Empirical coverage



Nominal coverage

theoretical
 - - Poisson
 coverage

Model

Poiss
 Q-Poiss
 NegBin-L
 NegBin-Q