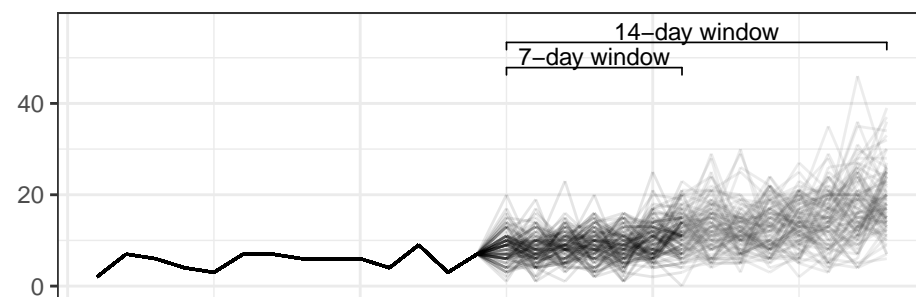
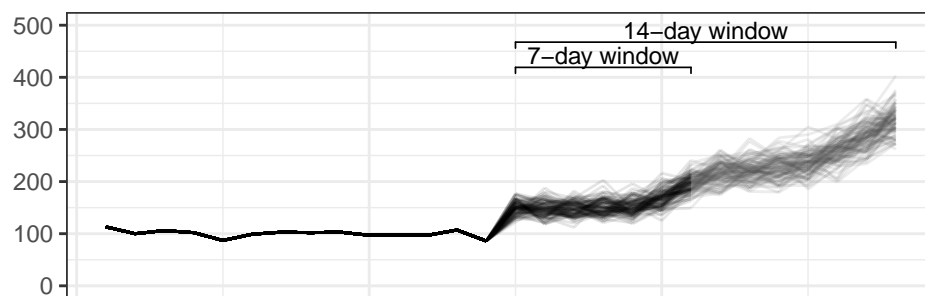


Simulation trajectories

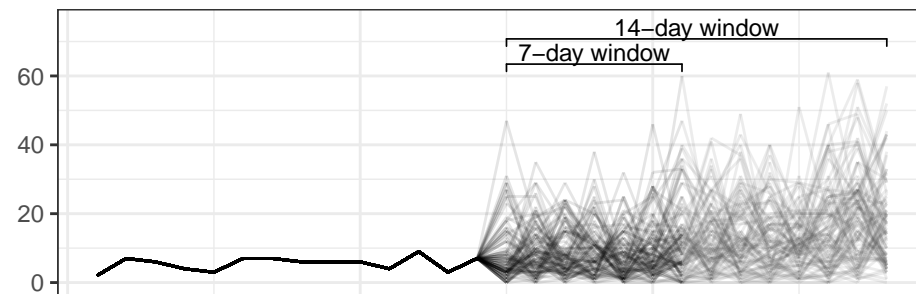
$R_t = 1.5$
 $\xi = 1.5$
 Magnitude : low



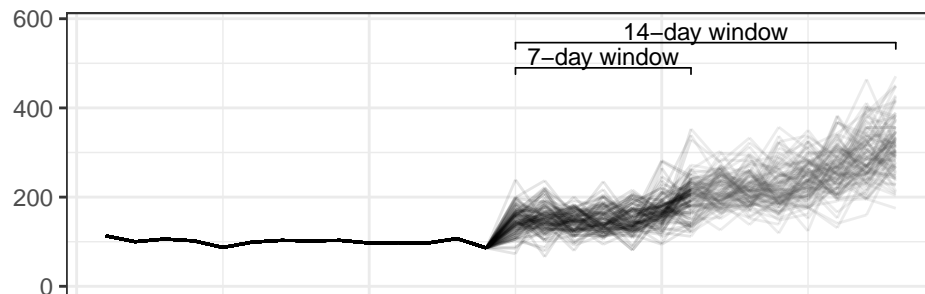
$R_t = 1.5$
 $\xi = 1.5$
 Magnitude : high



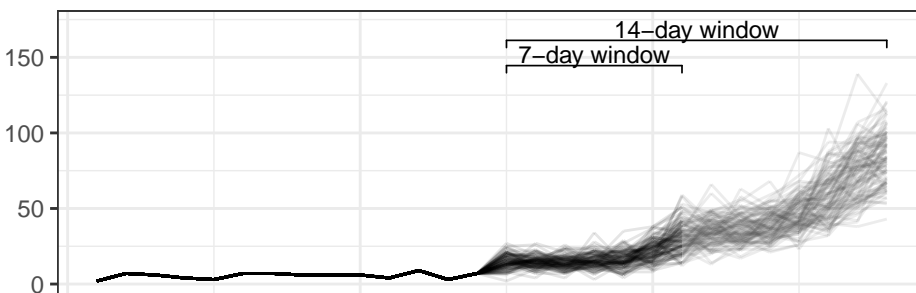
$R_t = 1.5$
 $\xi = 6$
 Magnitude : low



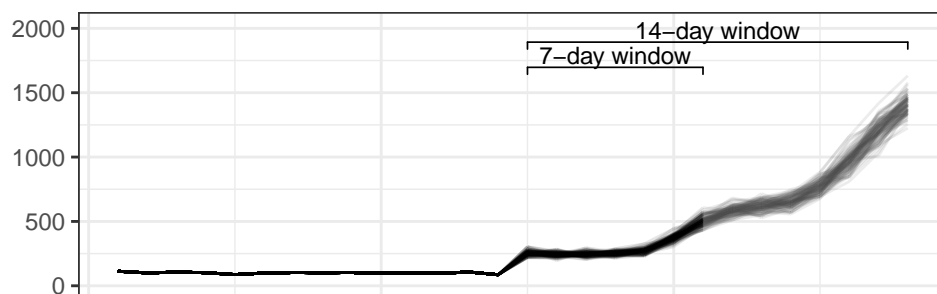
$R_t = 1.5$
 $\xi = 6$
 Magnitude : high



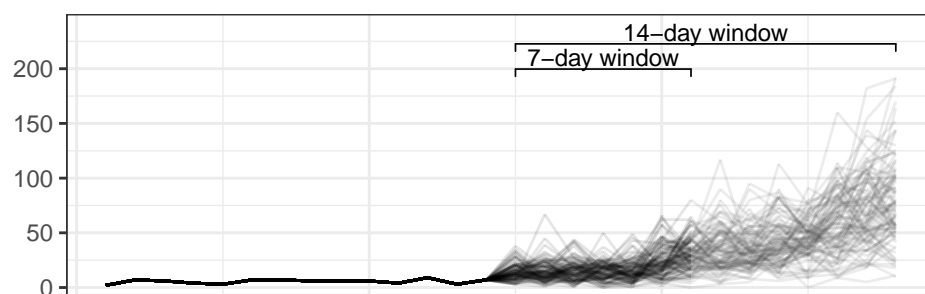
$R_t = 2.5$
 $\xi = 1.5$
 Magnitude : low



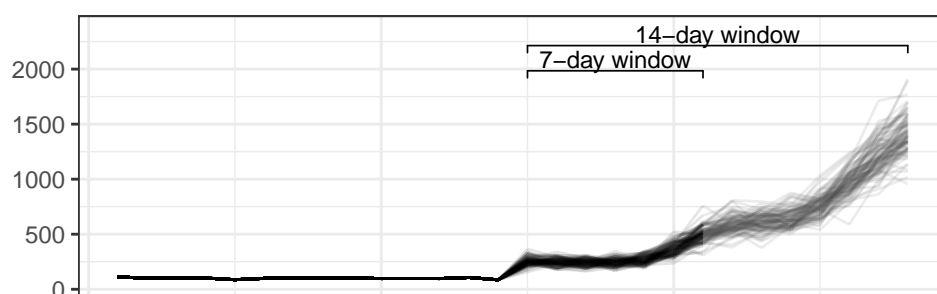
$R_t = 2.5$
 $\xi = 1.5$
 Magnitude : high



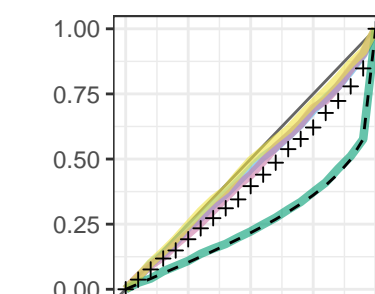
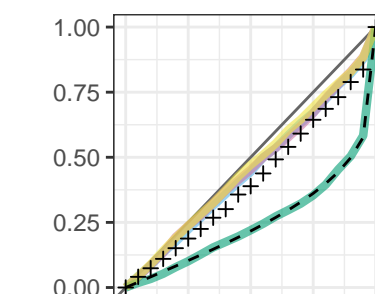
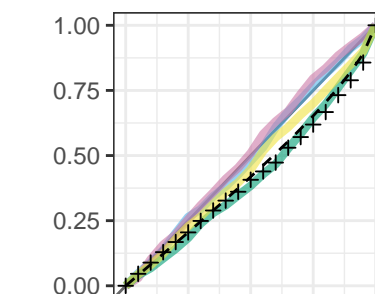
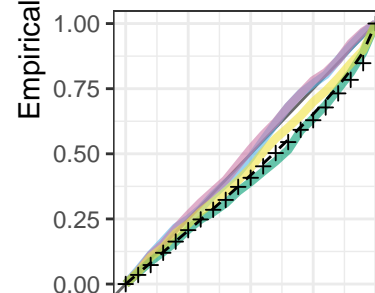
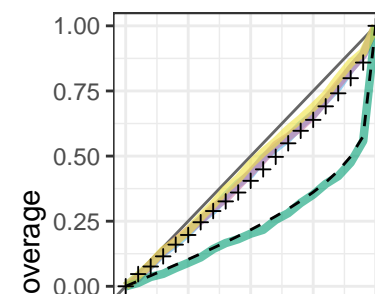
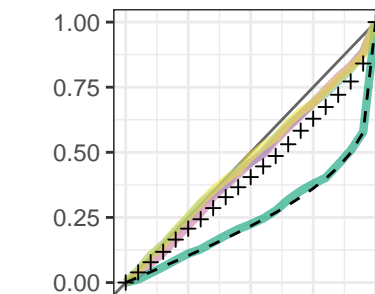
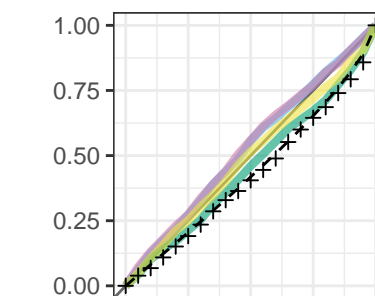
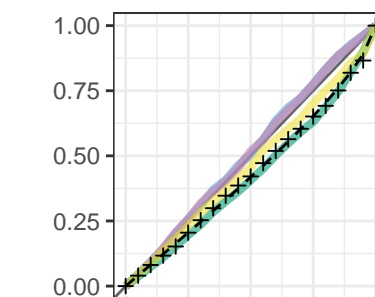
$R_t = 2.5$
 $\xi = 6$
 Magnitude : low



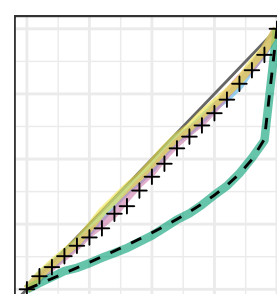
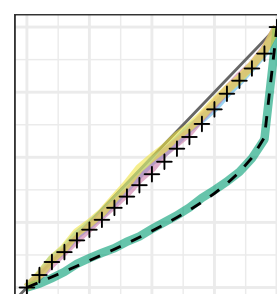
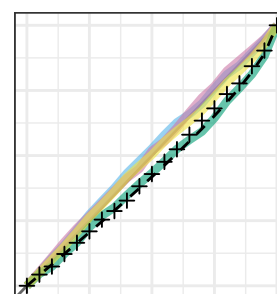
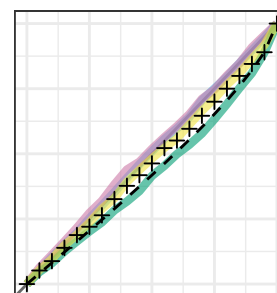
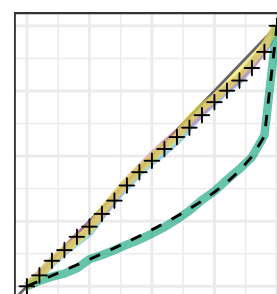
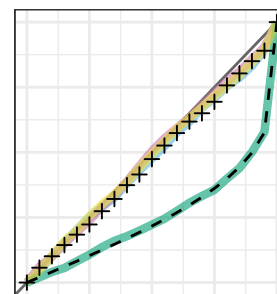
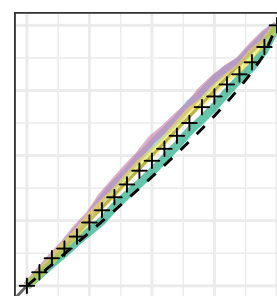
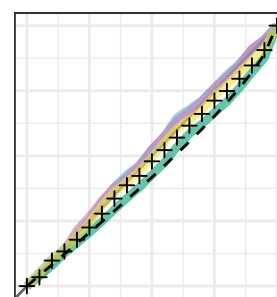
$R_t = 2.5$
 $\xi = 6$
 Magnitude : high



7-day window



14-day window



+ normal approx.
 - - theoretical Poisson coverage

Model
 — Poiss
 — Q-Poiss
 — NegBin-L
 — NegBin-Q

Cases

Day

Empirical coverage

Nominal coverage