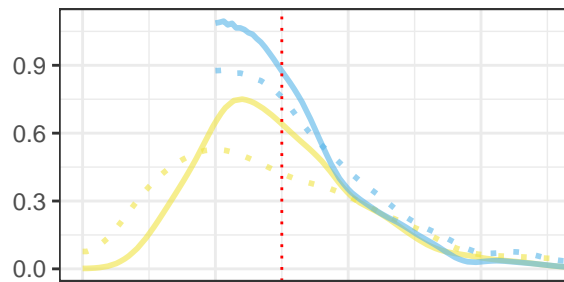
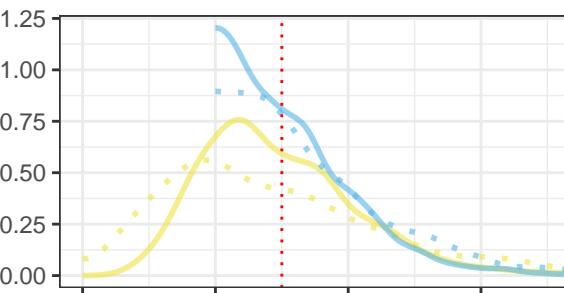


NegBin-L

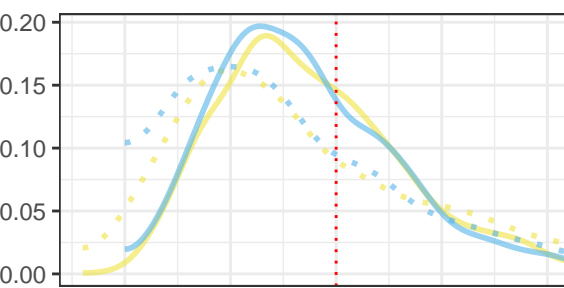
$R_t = 1.5$
 $\xi = 0.5$
 Magnitude : lo



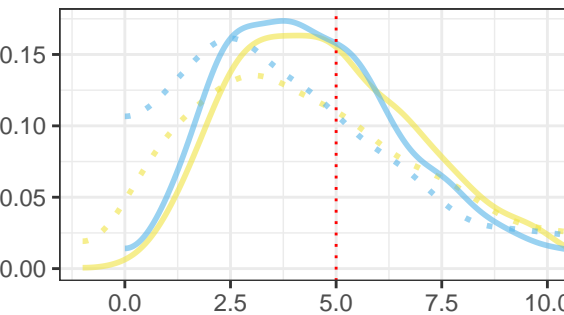
$R_t = 1.5$
 $\xi = 0.5$
 Magnitude : hi



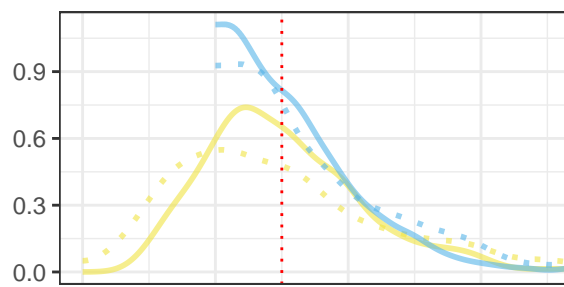
$R_t = 1.5$
 $\xi = 5$
 Magnitude : lo



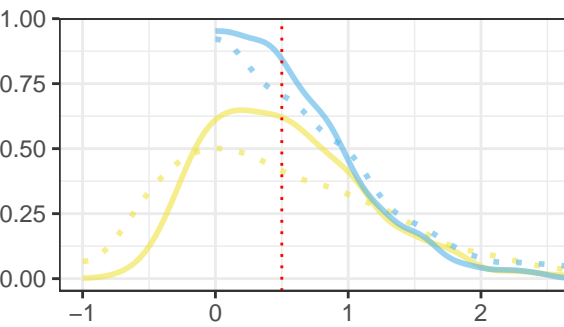
$R_t = 1.5$
 $\xi = 5$
 Magnitude : hi



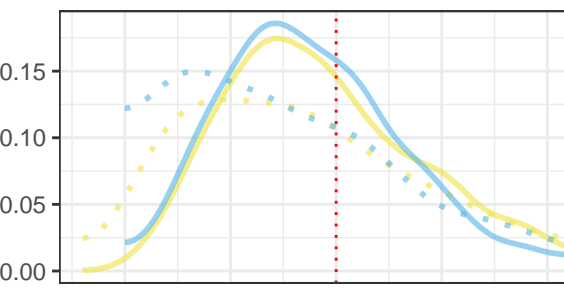
$R_t = 2.5$
 $\xi = 0.5$
 Magnitude : lo



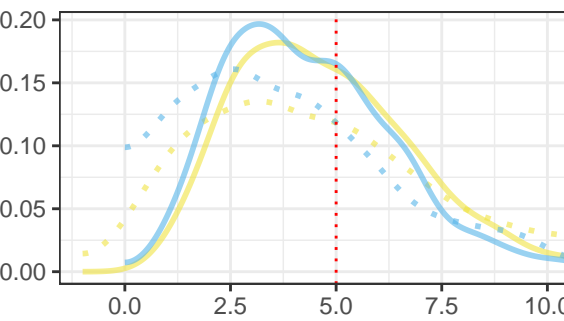
$R_t = 2.5$
 $\xi = 0.5$
 Magnitude : hi



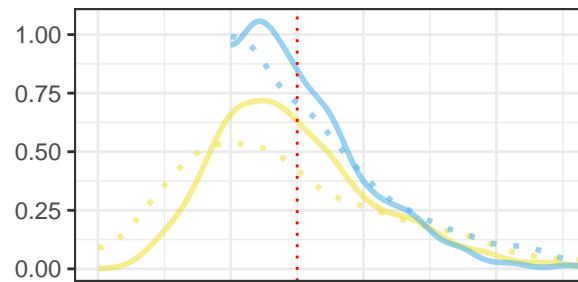
$R_t = 2.5$
 $\xi = 5$
 Magnitude : lo



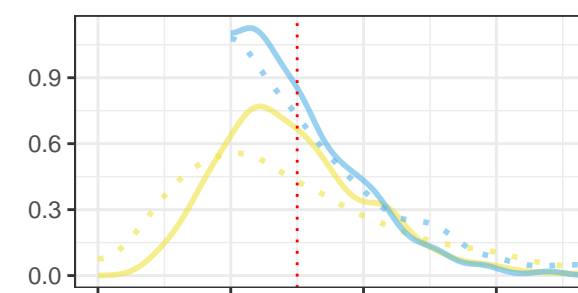
$R_t = 2.5$
 $\xi = 5$
 Magnitude : hi

NegBin-L with
weekday effects

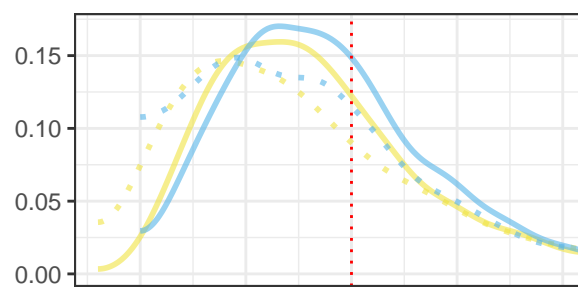
$R_t = 1.5$
 $\psi = 0.02$
 Magnitude :



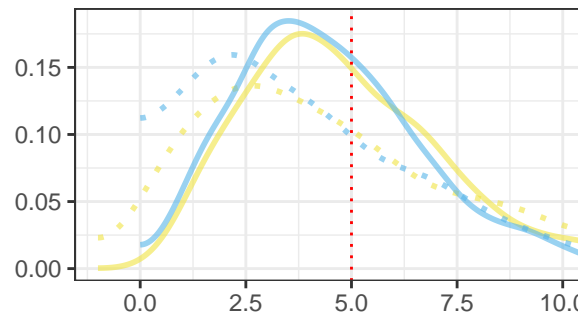
$R_t = 1.5$
 $\psi = 0.02$
 Magnitude :



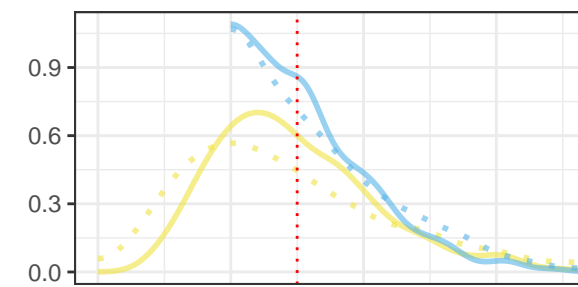
$R_t = 1.5$
 $\psi = 0.06$
 Magnitude :



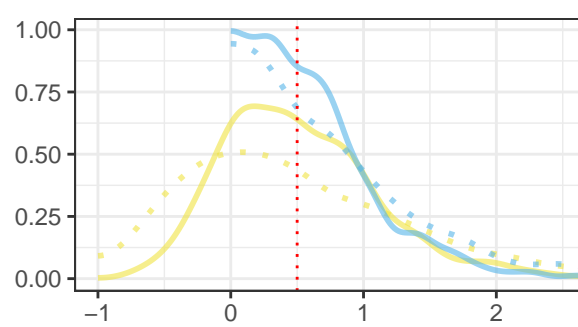
$R_t = 1.5$
 $\psi = 0.06$
 Magnitude :



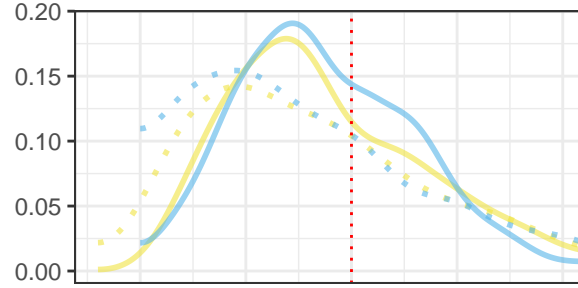
$R_t = 2.5$
 $\psi = 0.02$
 Magnitude :



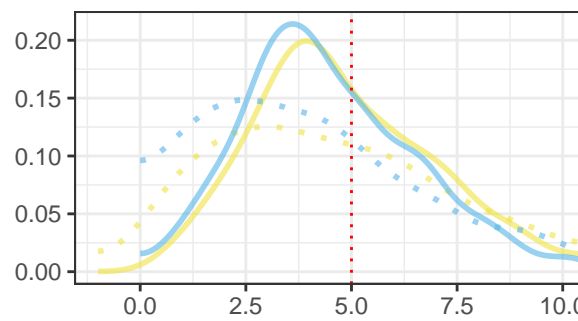
$R_t = 2.5$
 $\psi = 0.02$
 Magnitude :



$R_t = 2.5$
 $\psi = 0.06$
 Magnitude :

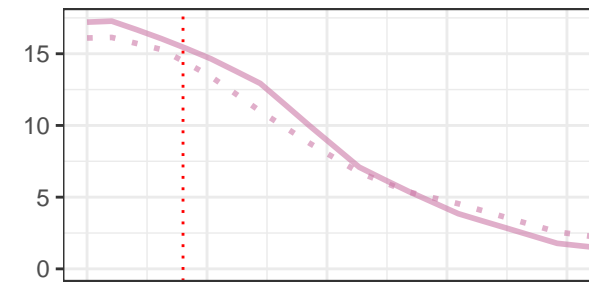


$R_t = 2.5$
 $\psi = 0.06$
 Magnitude :

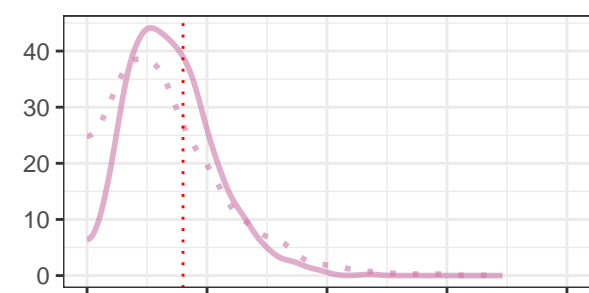


NegBin-Q

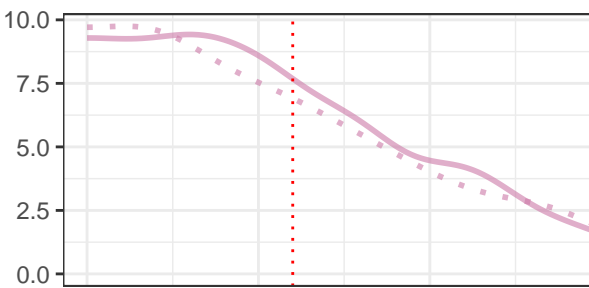
$R_t = 1.5$
 $\psi = 0.02$
 Magnitude :



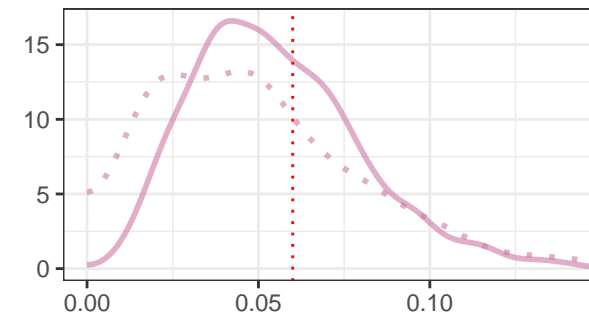
$R_t = 1.5$
 $\psi = 0.02$
 Magnitude :



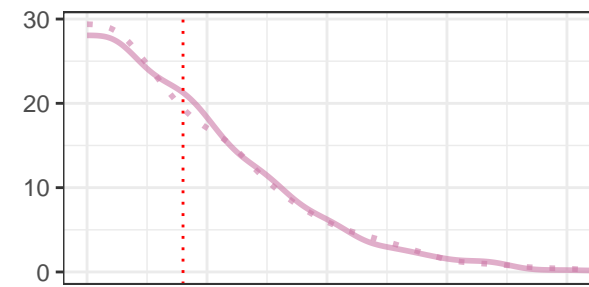
$R_t = 1.5$
 $\psi = 0.06$
 Magnitude :



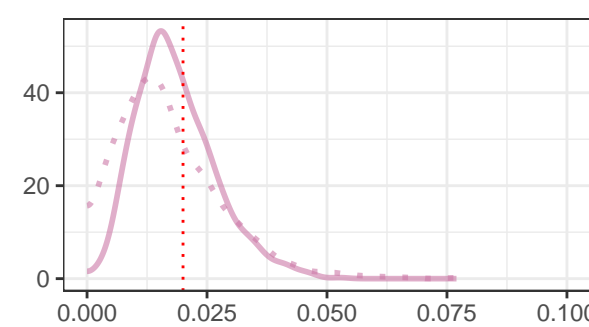
$R_t = 1.5$
 $\psi = 0.06$
 Magnitude :



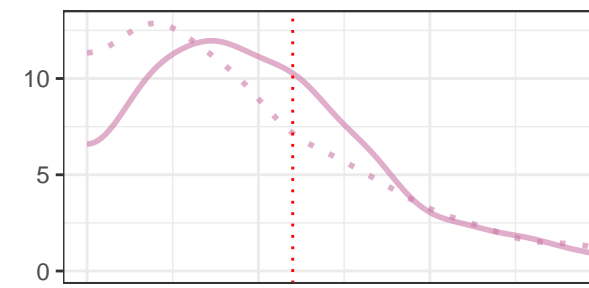
$R_t = 2.5$
 $\psi = 0.02$
 Magnitude :



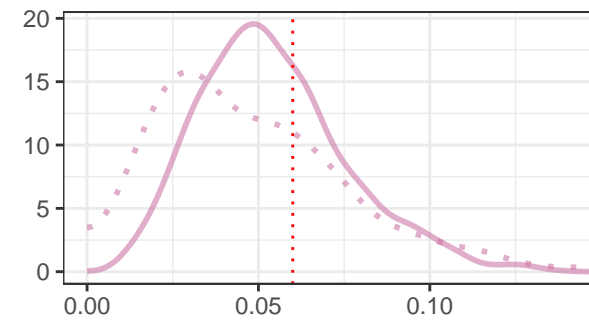
$R_t = 2.5$
 $\psi = 0.02$
 Magnitude :



$R_t = 2.5$
 $\psi = 0.06$
 Magnitude :



$R_t = 2.5$
 $\psi = 0.06$
 Magnitude :



— 14-day window
 - - 7-day window
 ... overdispersion
 ... parameter

Model

— Q-Poiss
 — NegBin-L
 — NegBin-Q