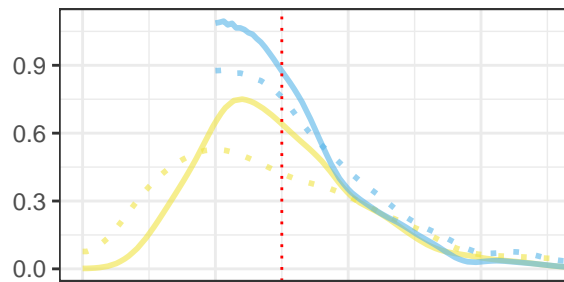
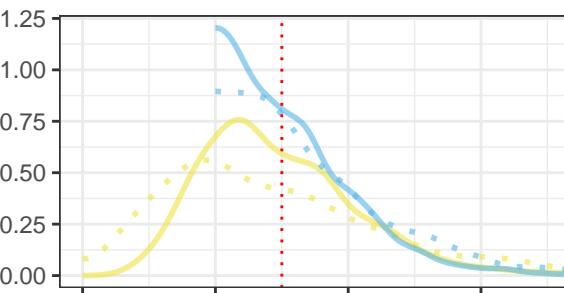


NegBin-L

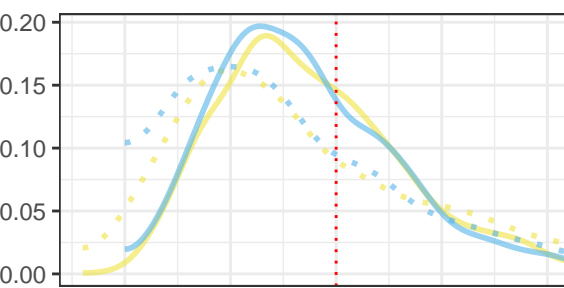
$R_t = 1.5$   
 $\xi = 0.5$   
 Magnitude : lo



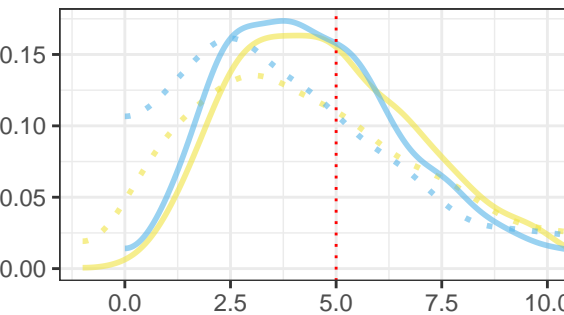
$R_t = 1.5$   
 $\xi = 0.5$   
 Magnitude : hi



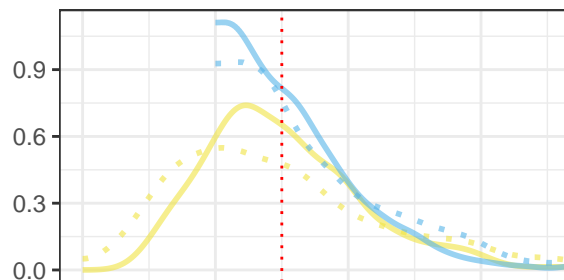
$R_t = 1.5$   
 $\xi = 5$   
 Magnitude : lo



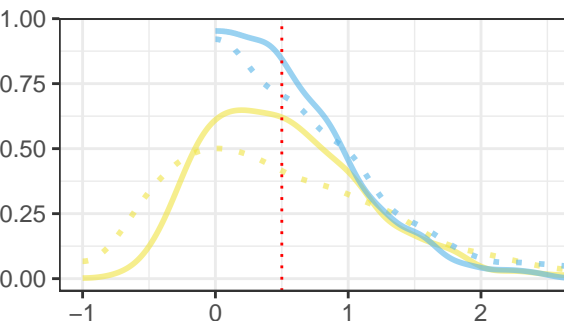
$R_t = 1.5$   
 $\xi = 5$   
 Magnitude : hi



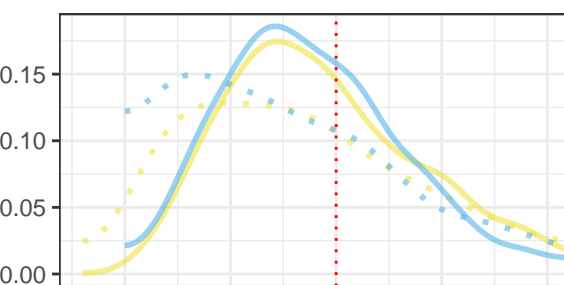
$R_t = 2.5$   
 $\xi = 0.5$   
 Magnitude : lo



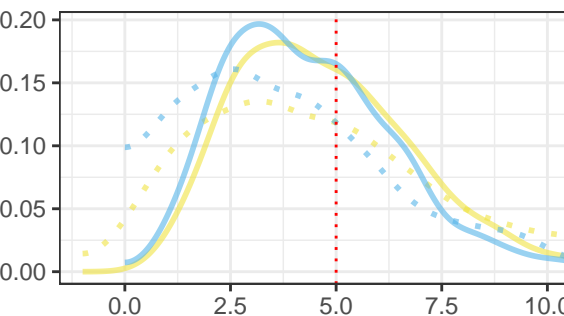
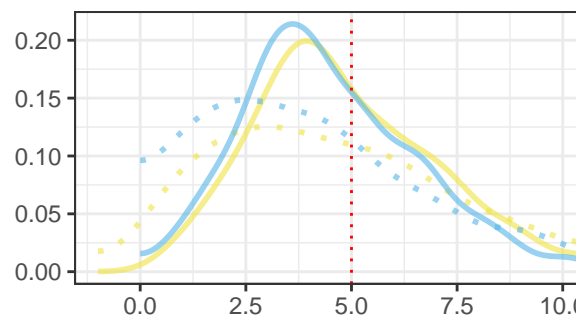
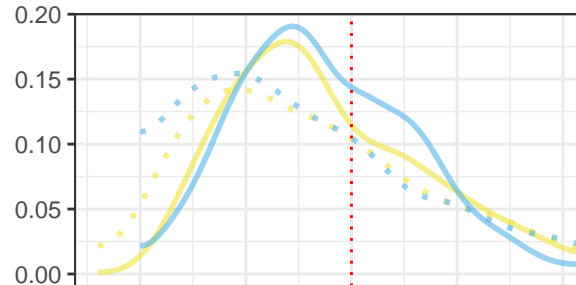
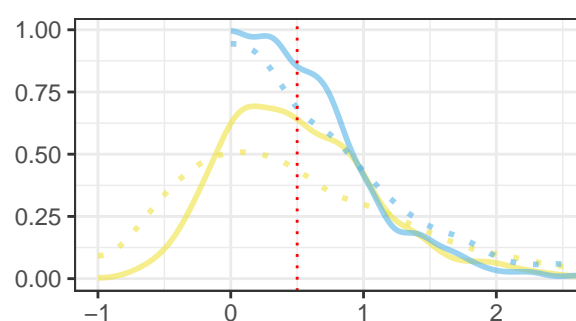
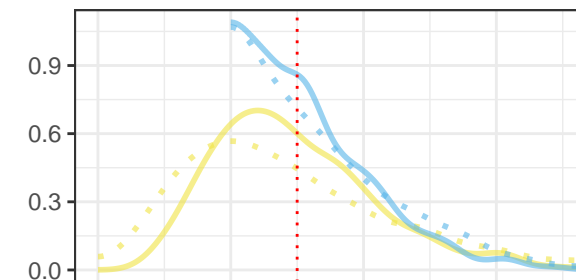
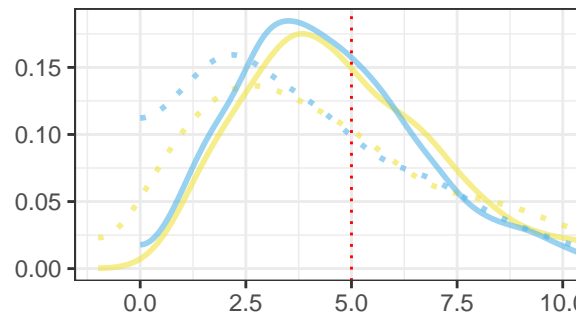
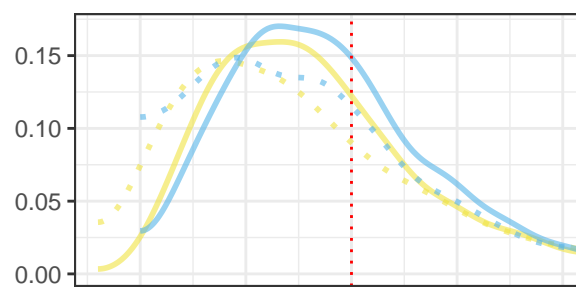
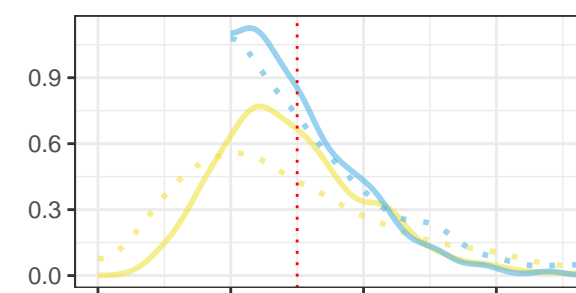
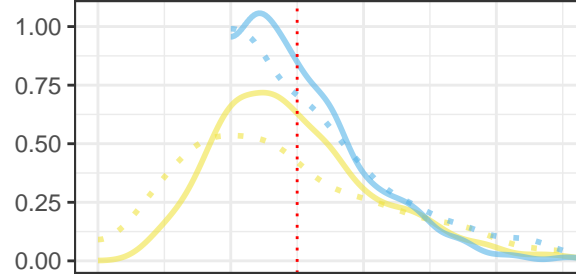
$R_t = 2.5$   
 $\xi = 0.5$   
 Magnitude : hi



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



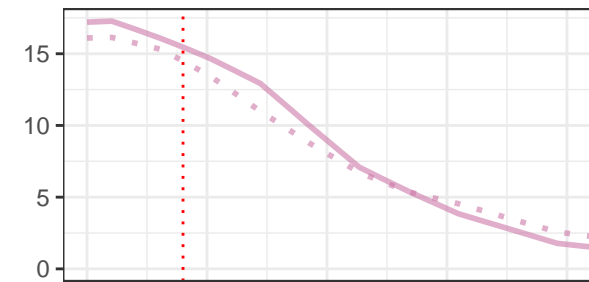
$R_t = 2.5$   
 $\xi = 5$   
 Magnitude : hi

NegBin-L with  
weekday effects

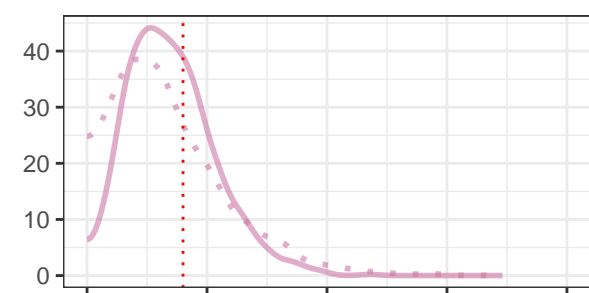
$\xi$

NegBin-Q

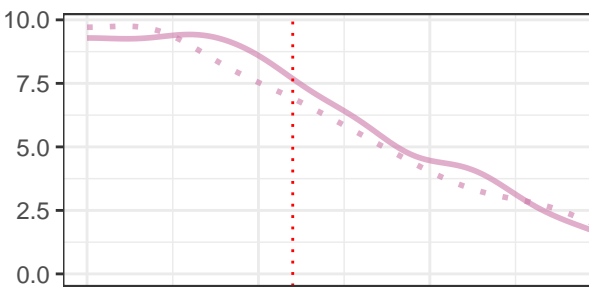
$R_t = 1.5$   
 $\psi = 0.02$   
 Magnitude :



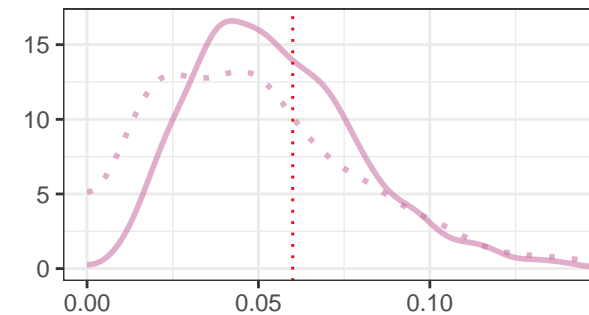
$R_t = 1.5$   
 $\psi = 0.02$   
 Magnitude :



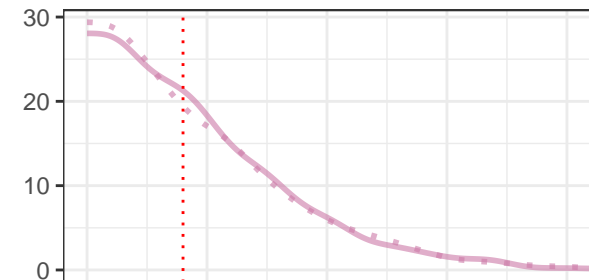
$R_t = 1.5$   
 $\psi = 0.06$   
 Magnitude :



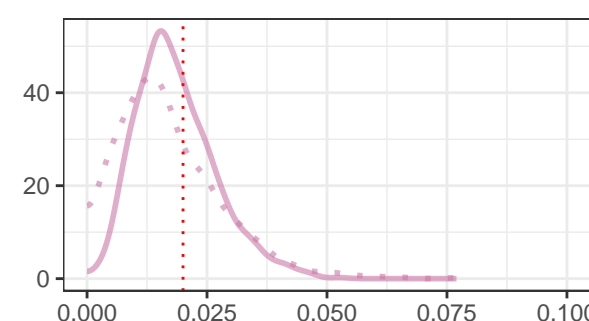
$R_t = 1.5$   
 $\psi = 0.06$   
 Magnitude :



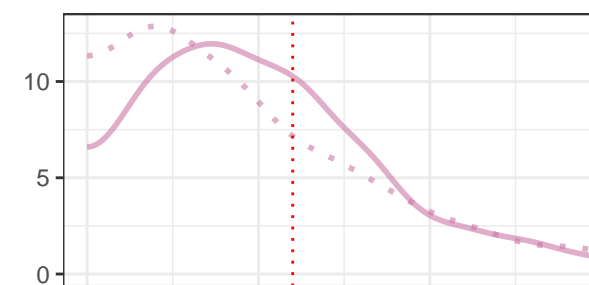
$R_t = 2.5$   
 $\psi = 0.02$   
 Magnitude :



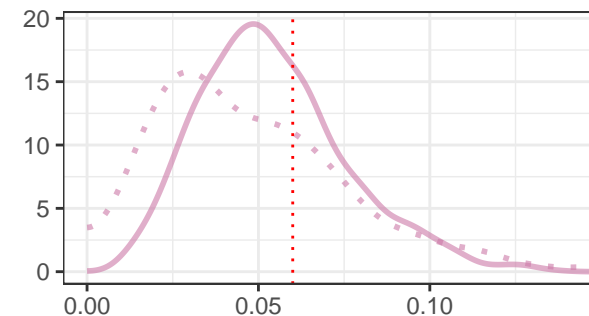
$R_t = 2.5$   
 $\psi = 0.02$   
 Magnitude :



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



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



$\psi$

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

Model

— Q-Poiss  
 — NegBin-L  
 — NegBin-Q