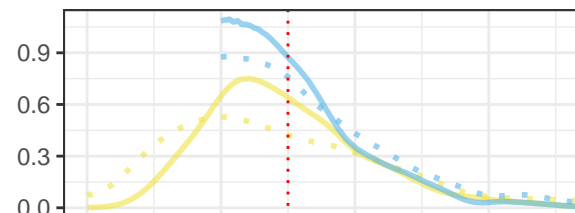
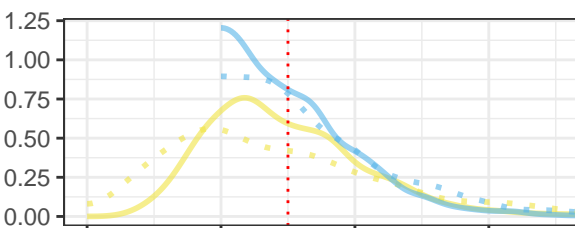


NegBin-L ground truth

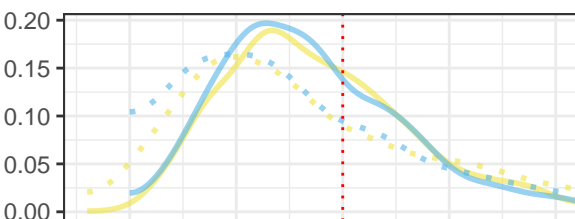
$R_t = 1.5$   
 $\xi = 0.5$   
 Magn. : low



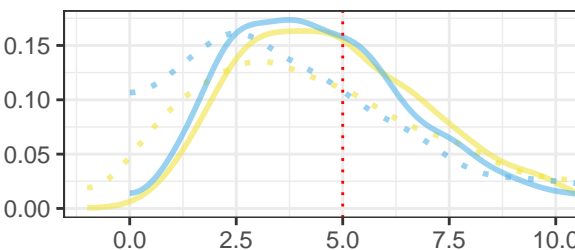
$R_t = 1.5$   
 $\xi = 0.5$   
 Magn. : high



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

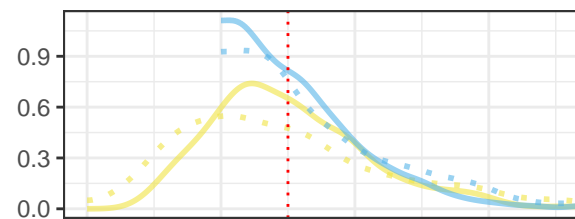


$R_t = 1.5$   
 $\xi = 5$   
 Magn. : high

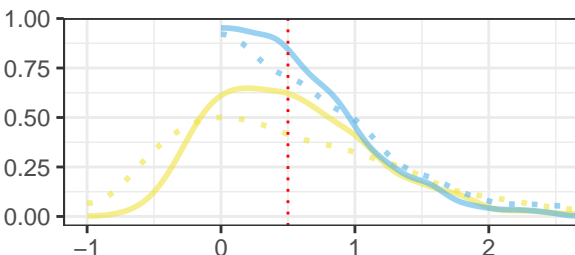


density

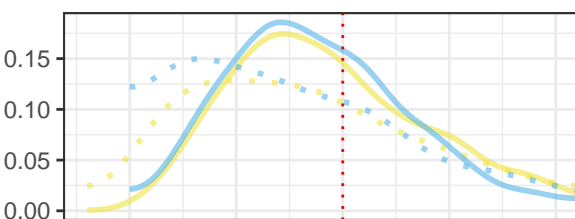
$R_t = 2.5$   
 $\xi = 0.5$   
 Magn. : low



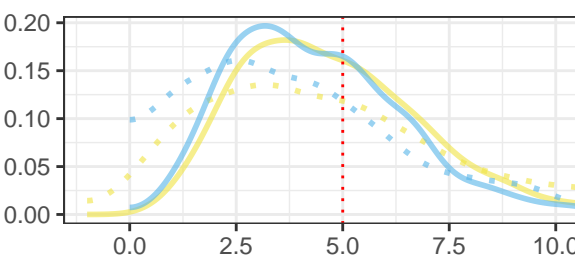
$R_t = 2.5$   
 $\xi = 0.5$   
 Magn. : high



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



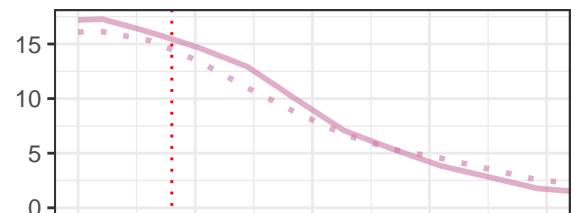
$R_t = 2.5$   
 $\xi = 5$   
 Magn. : high



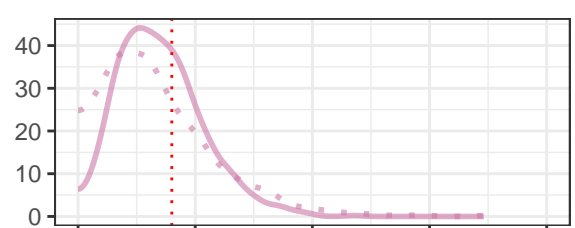
$\xi$

NegBin-Q ground truth

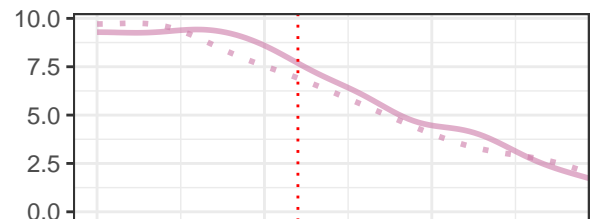
$R_t = 1.5$   
 $\psi = 0.02$   
 Magn. : low



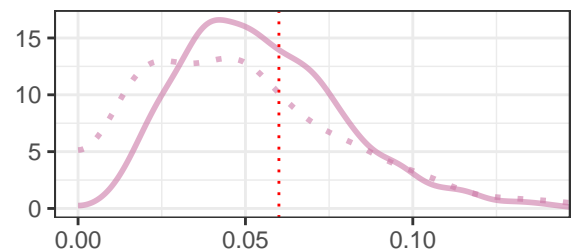
$R_t = 1.5$   
 $\psi = 0.02$   
 Magn. : high



$R_t = 1.5$   
 $\psi = 0.06$   
 Magn. : low

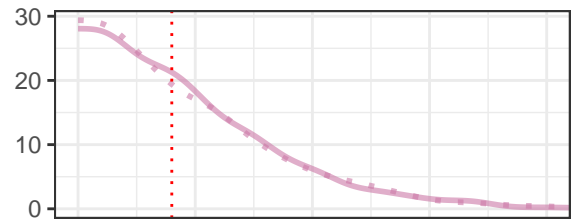


$R_t = 1.5$   
 $\psi = 0.06$   
 Magn. : high

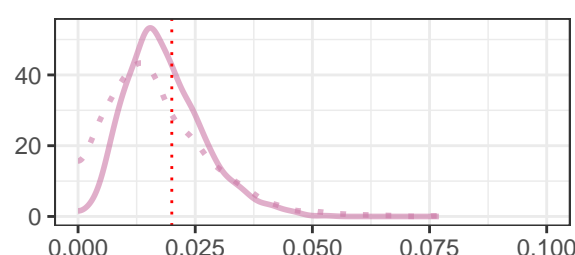


density

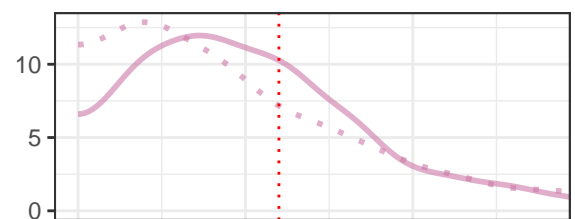
$R_t = 2.5$   
 $\psi = 0.02$   
 Magn. : low



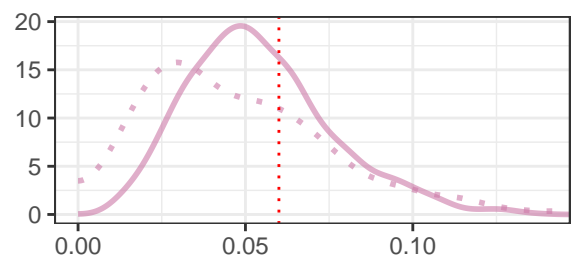
$R_t = 2.5$   
 $\psi = 0.02$   
 Magn. : high



$R_t = 2.5$   
 $\psi = 0.06$   
 Magn. : low



$R_t = 2.5$   
 $\psi = 0.06$   
 Magn. : high



$\psi$

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

Model

— Q-Poiss  
 — NegBin-L  
 — NegBin-Q