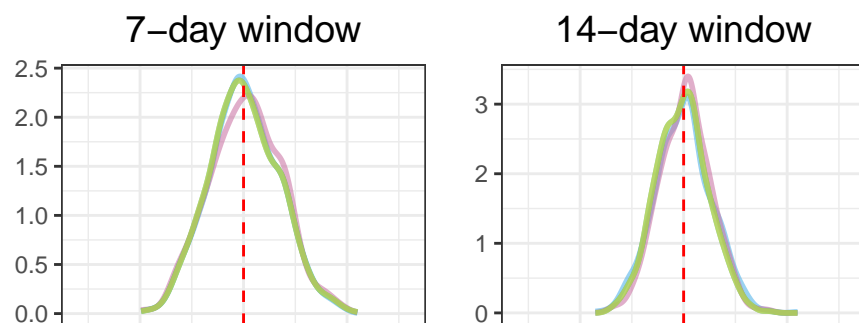
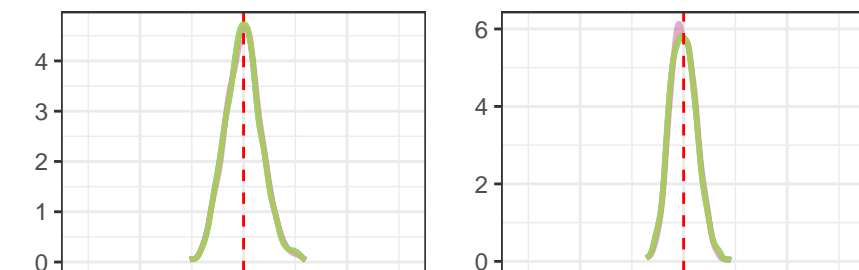


Distribution of \hat{R} Distribution of $se(\hat{R})$

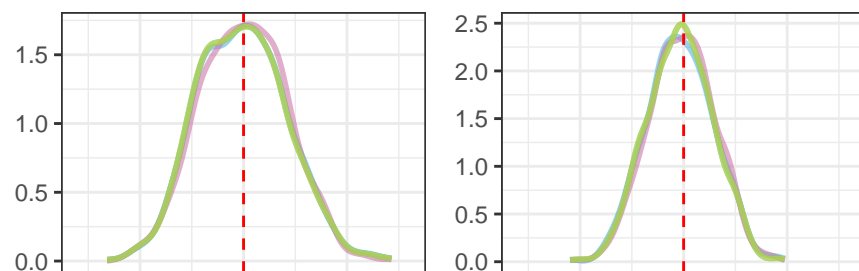
$R_t = 1.5$
 $\psi = 0.02$
 Magnitude : low



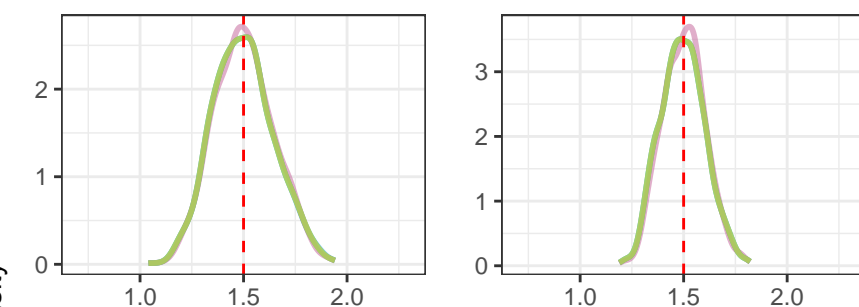
$R_t = 1.5$
 $\psi = 0.02$
 Magnitude : high



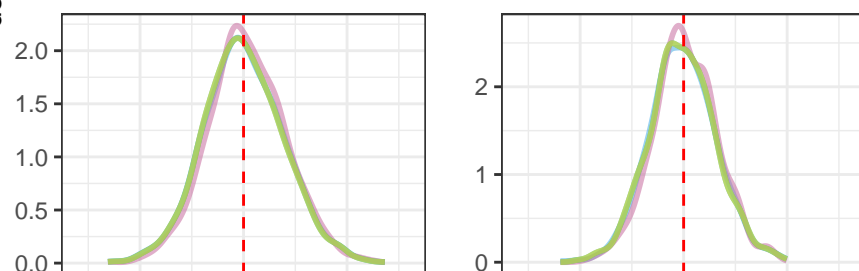
$R_t = 1.5$
 $\psi = 0.06$
 Magnitude : low



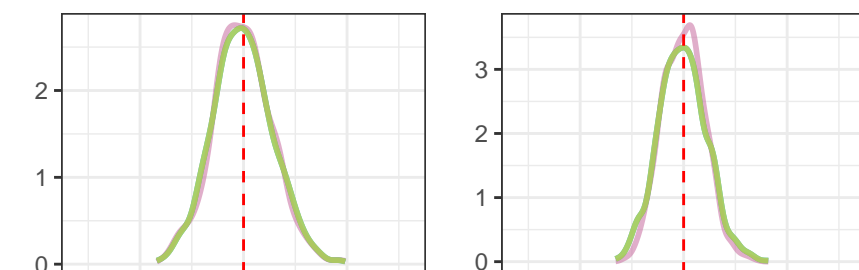
$R_t = 1.5$
 $\psi = 0.06$
 Magnitude : high



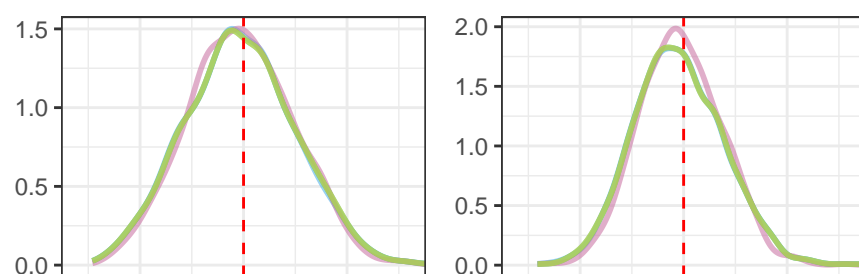
$R_t = 2.5$
 $\psi = 0.02$
 Magnitude : low



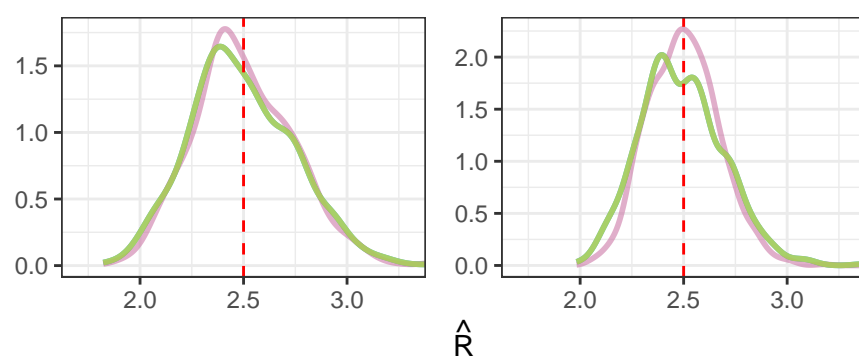
$R_t = 2.5$
 $\psi = 0.02$
 Magnitude : high



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

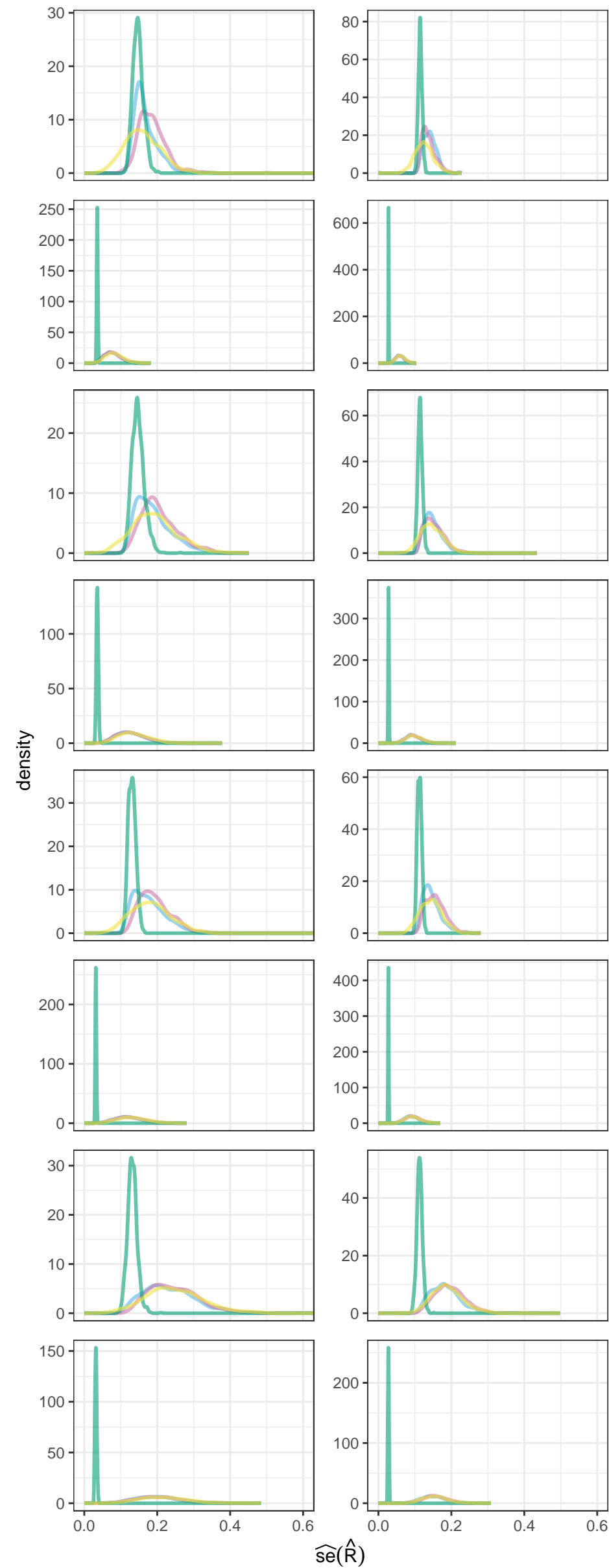


$R_t = 2.5$
 $\psi = 0.06$
 Magnitude : high



7-day window

14-day window



Model

NegBin-L
 NegBin-Q
 Poiss
 Q-Poiss

R_t

$se(\hat{R})$