NegBin-L ground truth

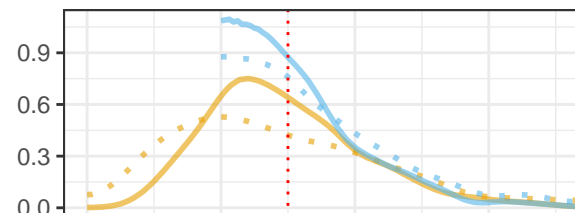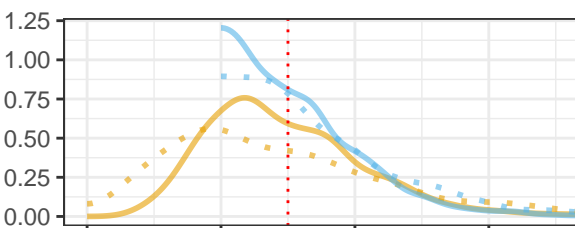**NegBin-Q ground truth**

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

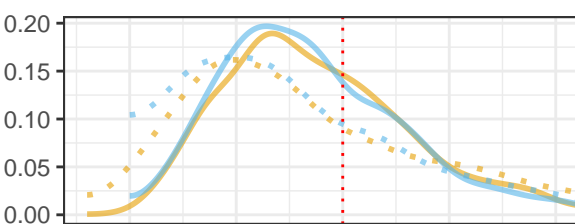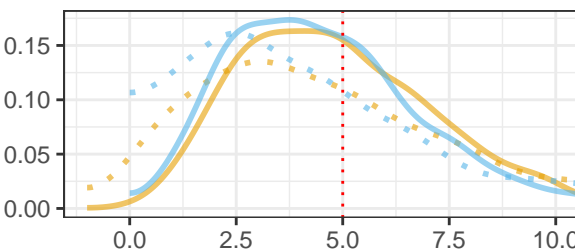$R_t = 1.5$
$\psi = 0.02$
Magn.: low

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

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

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

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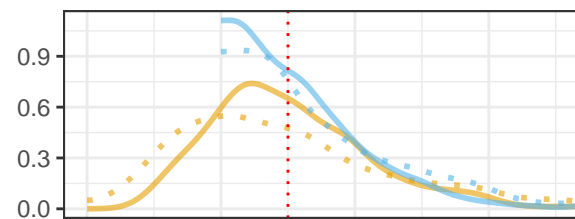$\psi = 0.06$
Magn.: low

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

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

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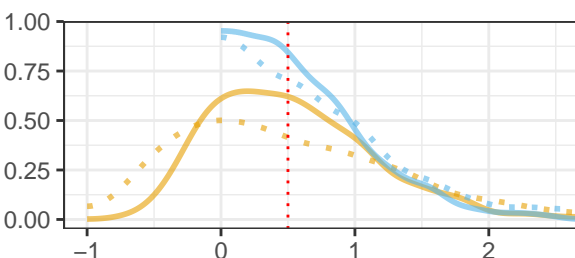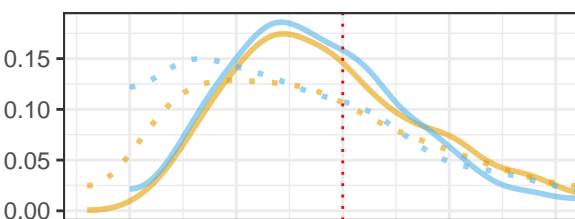$\xi = 0.5$
Magn.: low

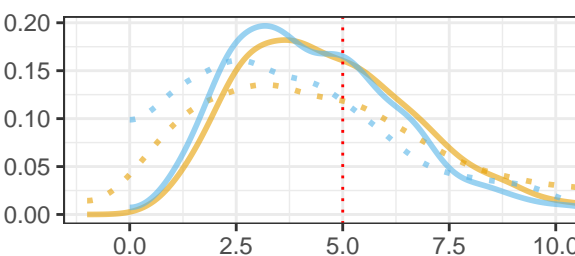$R_t = 2.5$
$\psi = 0.02$
Magn.: low

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

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

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

$R_t = 2.5$
$\psi = 0.06$
Magn.: low
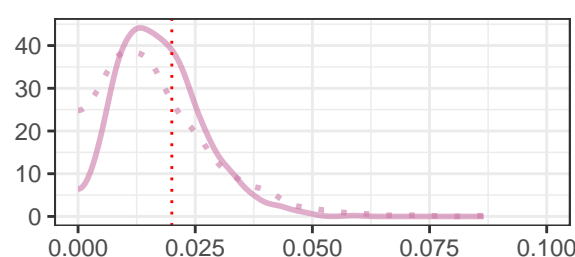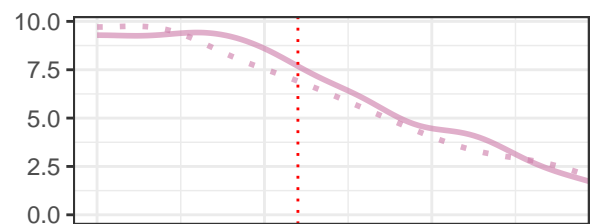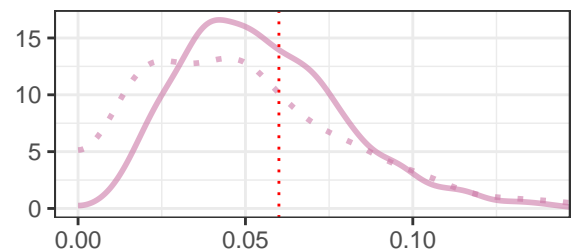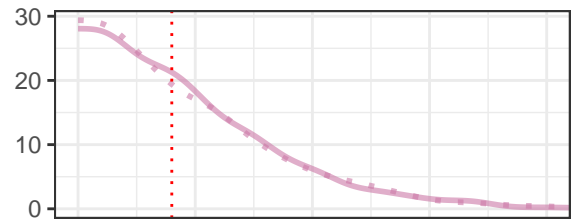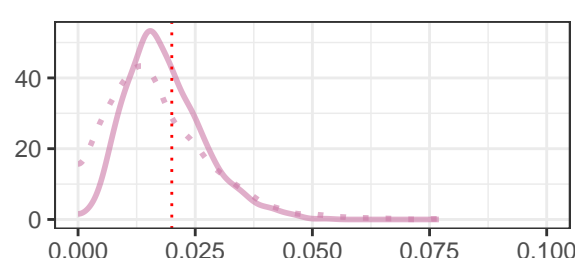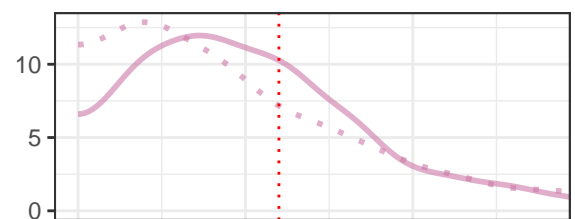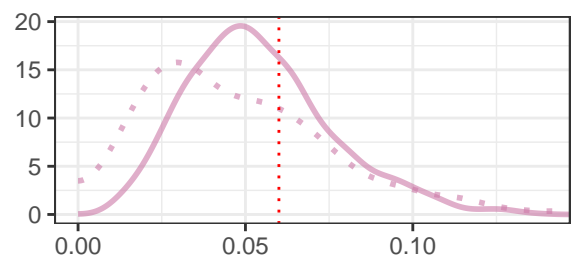
$R_t = 2.5$
$\xi = 5$
Magn.: higl

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

density

density

ξ

ψ

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

Model
— Q-Poiss
— NegBin-L
— NegBin-Q