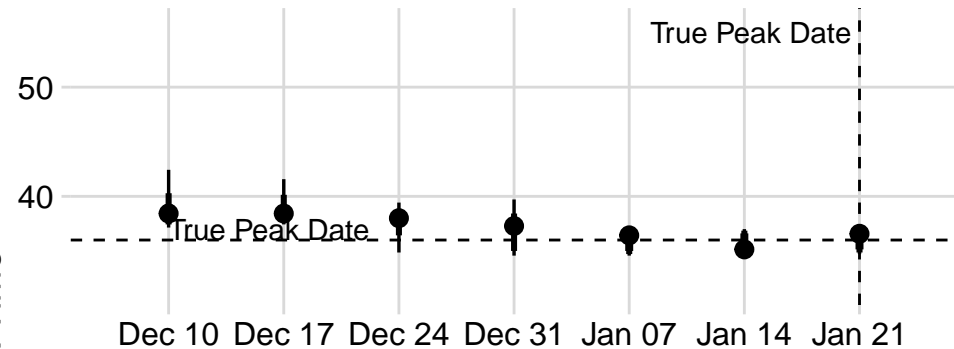


Posterior Peak Hospital Occupancy Time

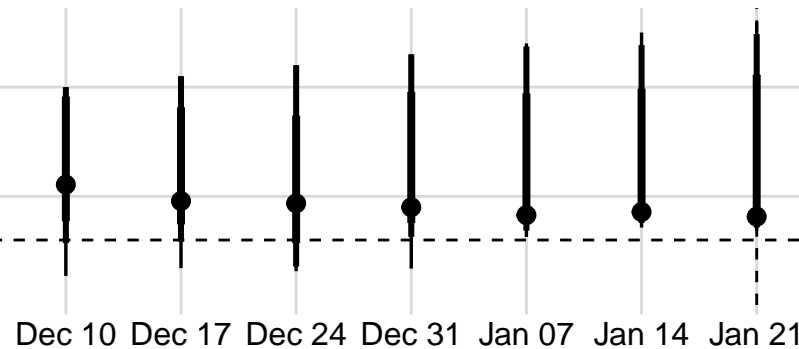
$R_0(t)$: Constant

$1/\kappa(t)$: Genetic



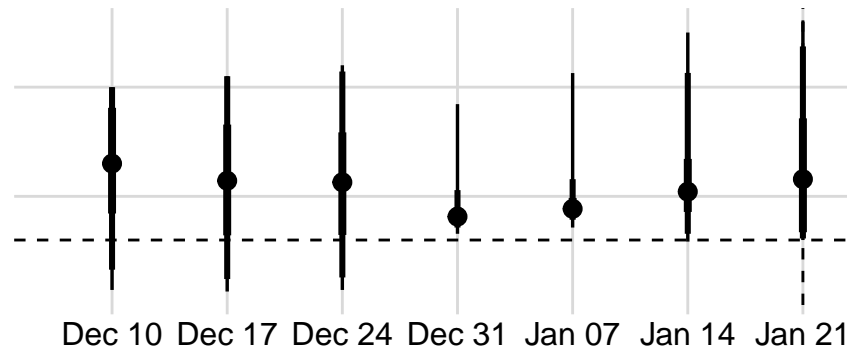
$R_0(t)$: Constant

$1/\kappa(t)$: GMRF



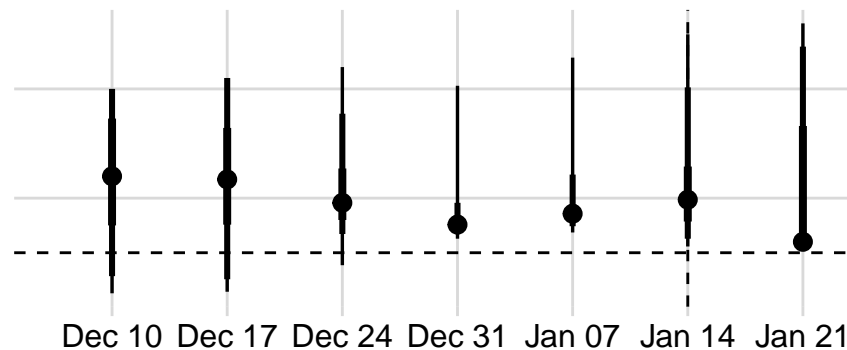
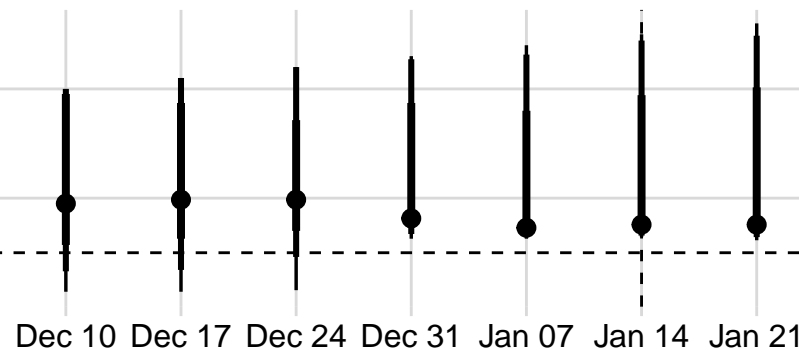
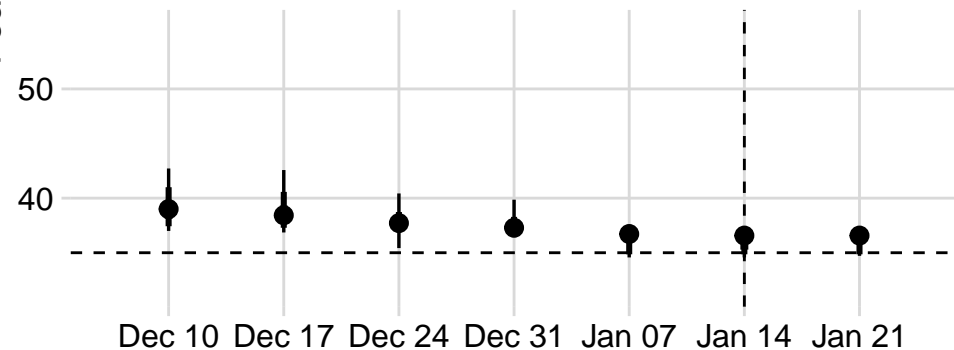
$R_0(t)$: GMRF

$1/\kappa(t)$: Constant



California Data

Peak Time



Orange County Data

Forecast Date