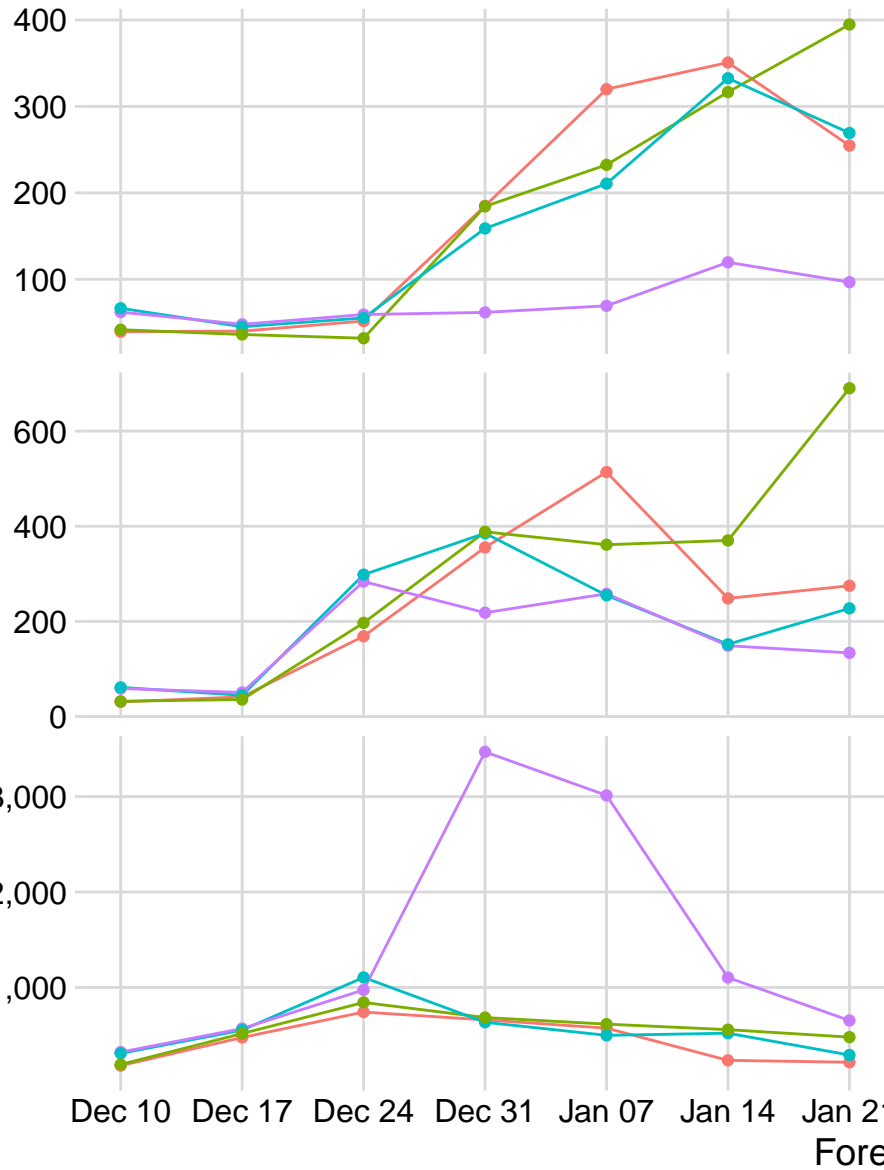
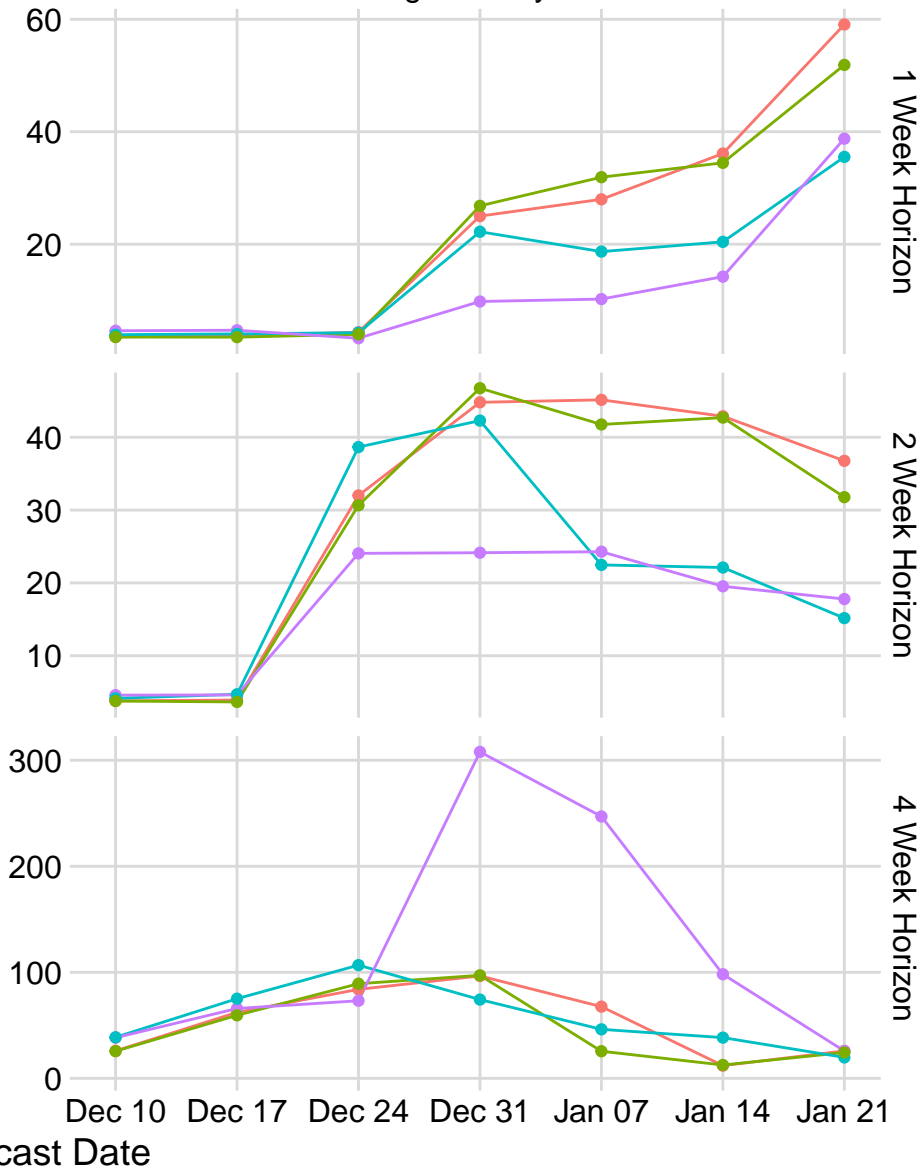


# Continuous Ranked Probability Score for New Deaths

California Data



Orange County Data



Model

$R_0(t)$ : Constant  $1/\kappa(t)$ : Genetic

$R_0(t)$ : Constant  $1/\kappa(t)$ : GeneticBinomial

$R_0(t)$ : Constant  $1/\kappa(t)$ : GMRF

$R_0(t)$ : GMRF  $1/\kappa(t)$ : Constant