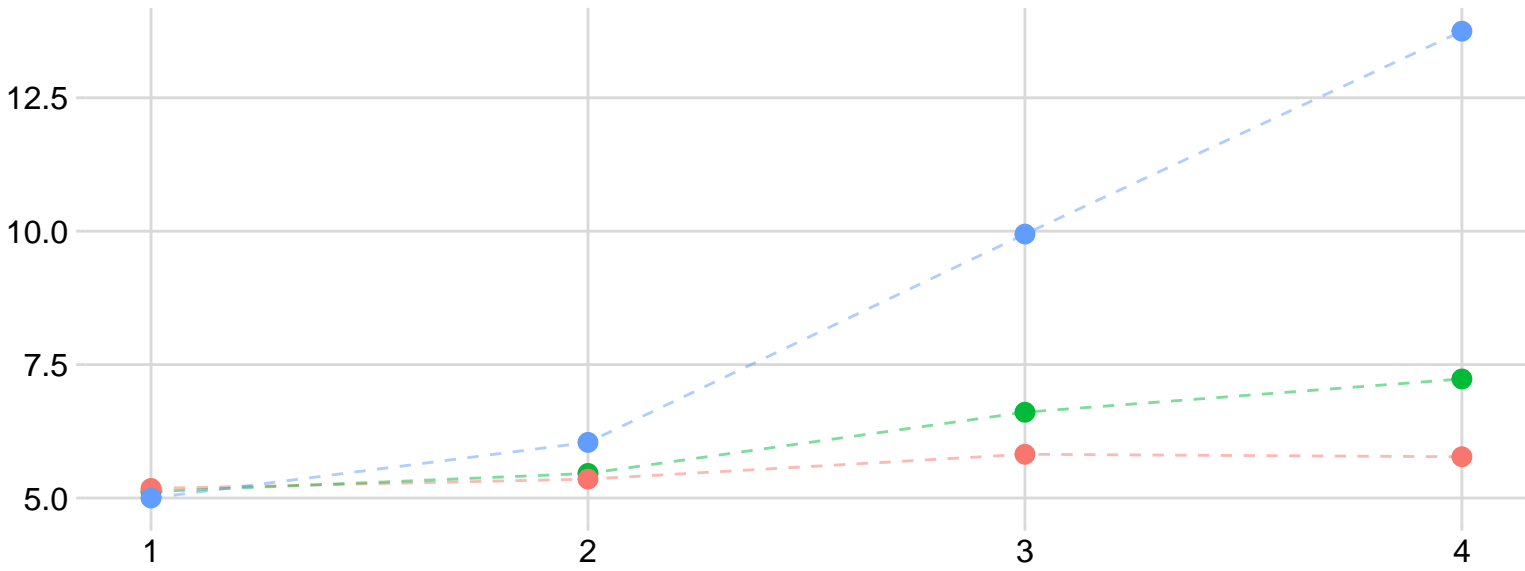
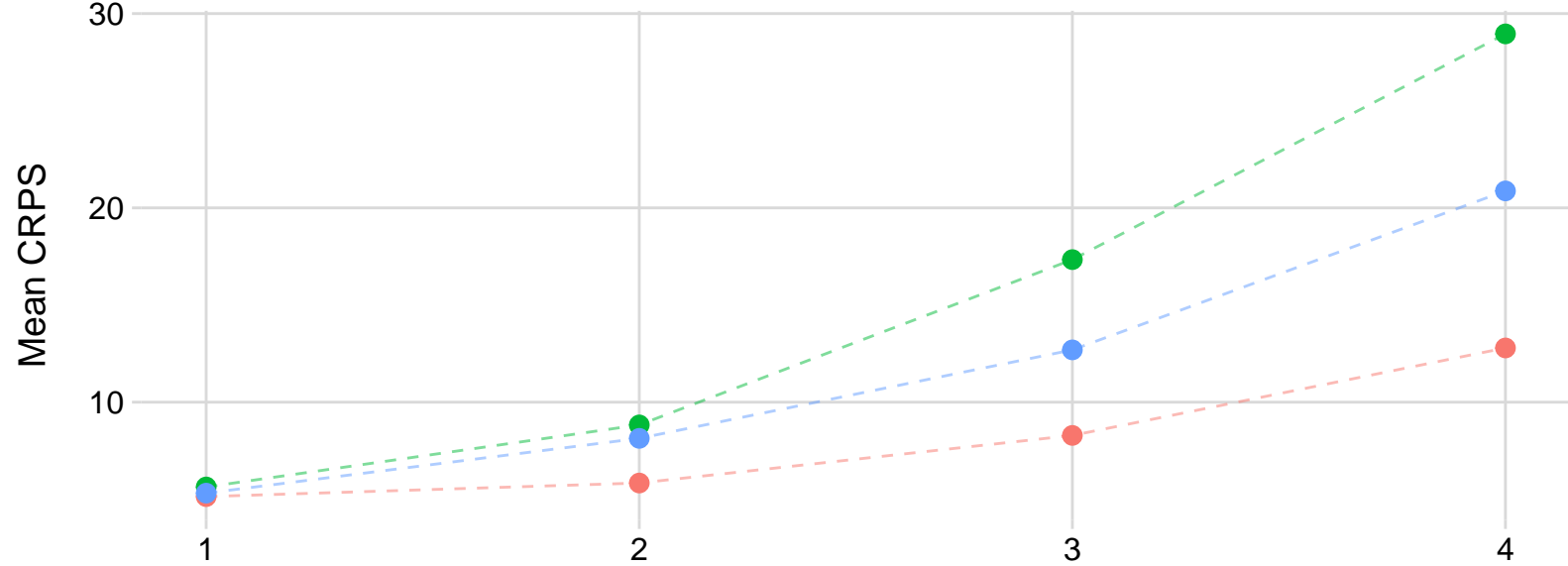


# Continuous Ranked Probability Score for New Deaths

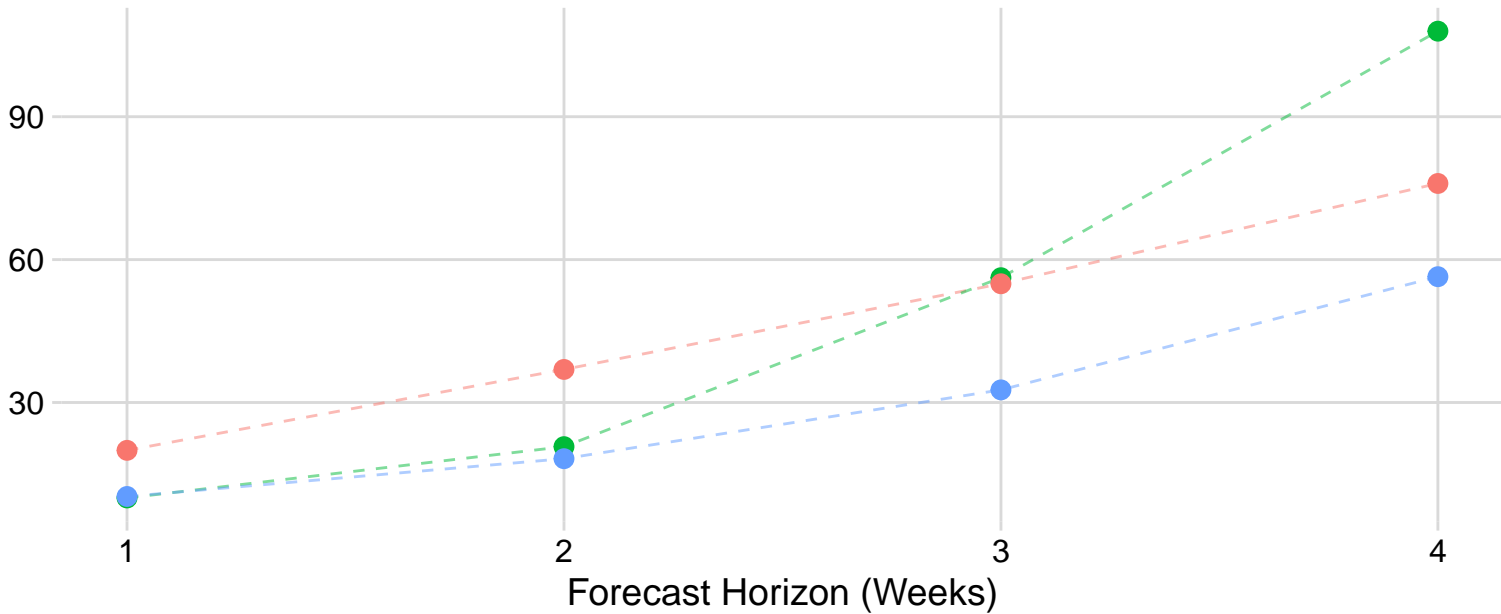
Slow Takeover Data



Medium Takeover Data



Fast Takeover Data



Model

- $R_0(t) : \text{Constant}$   $1/\kappa(t) : \text{Genetic}$
- $R_0(t) : \text{Constant}$   $1/\kappa(t) : \text{GMRF}$
- $R_0(t) : \text{GMRF}$   $1/\kappa(t) : \text{Constant}$