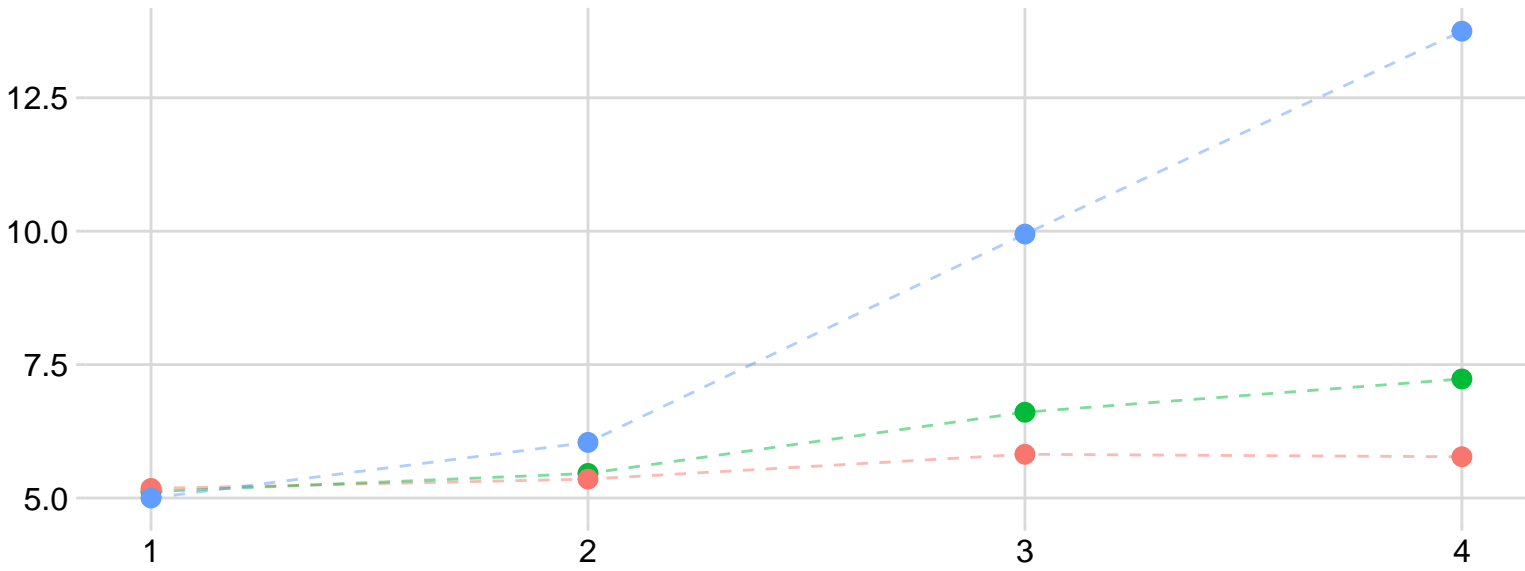
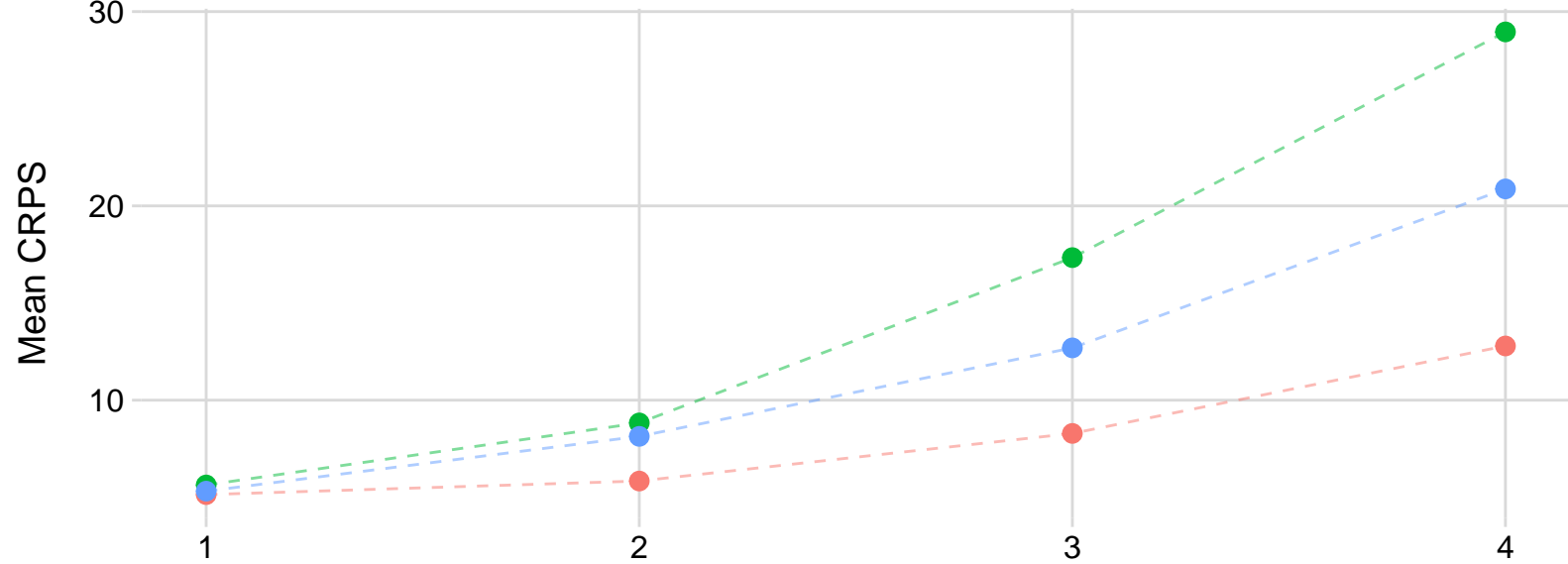


# Continuous Ranked Probability Score for New Deaths

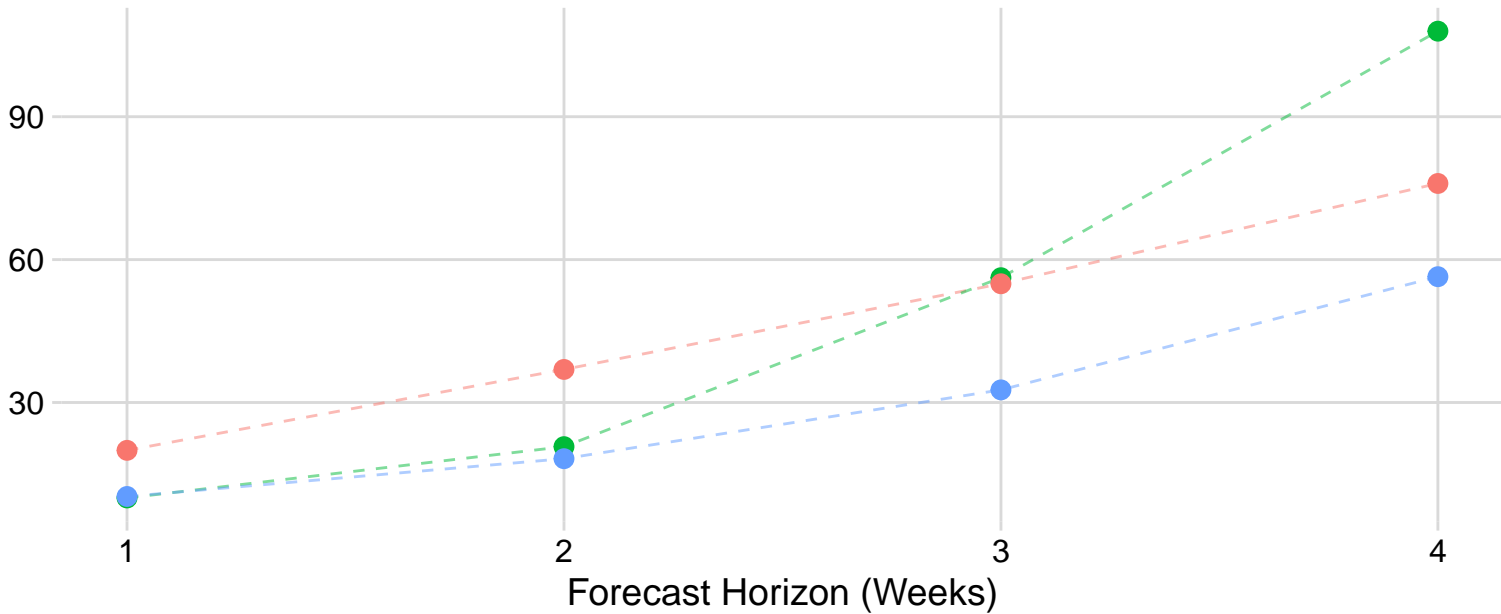
Slow Takeover Data



Medium Takeover Data



Fast Takeover Data



Model

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