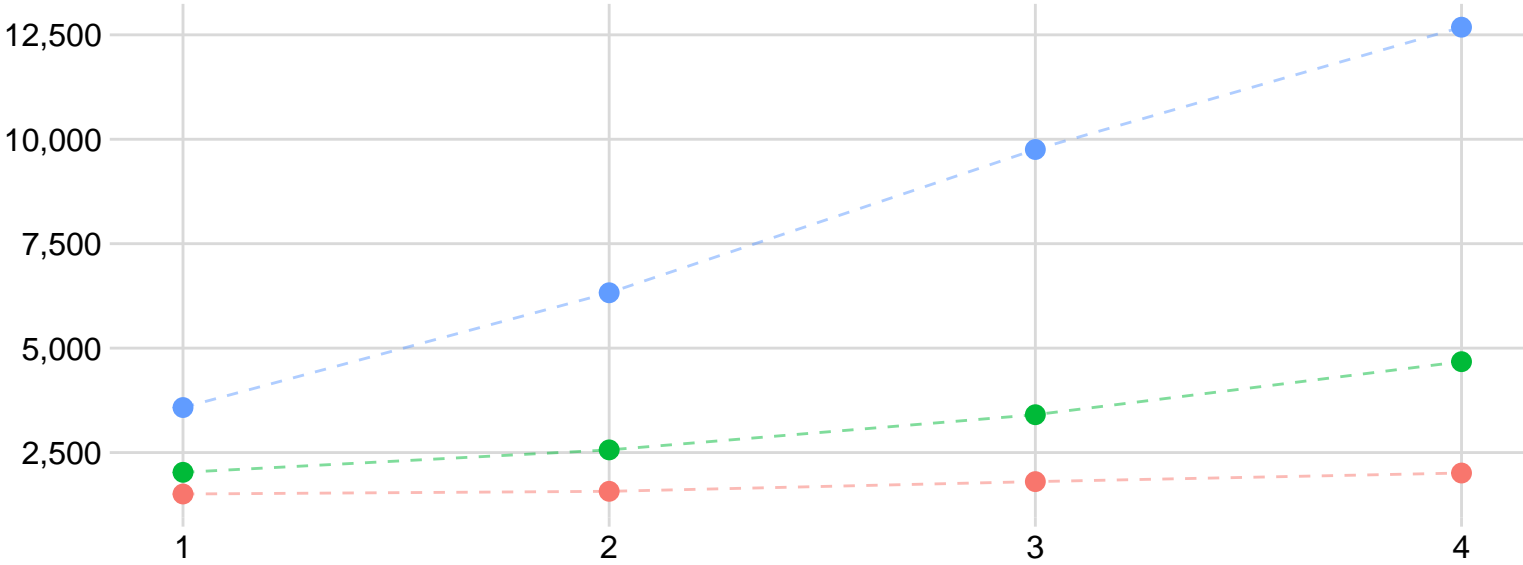
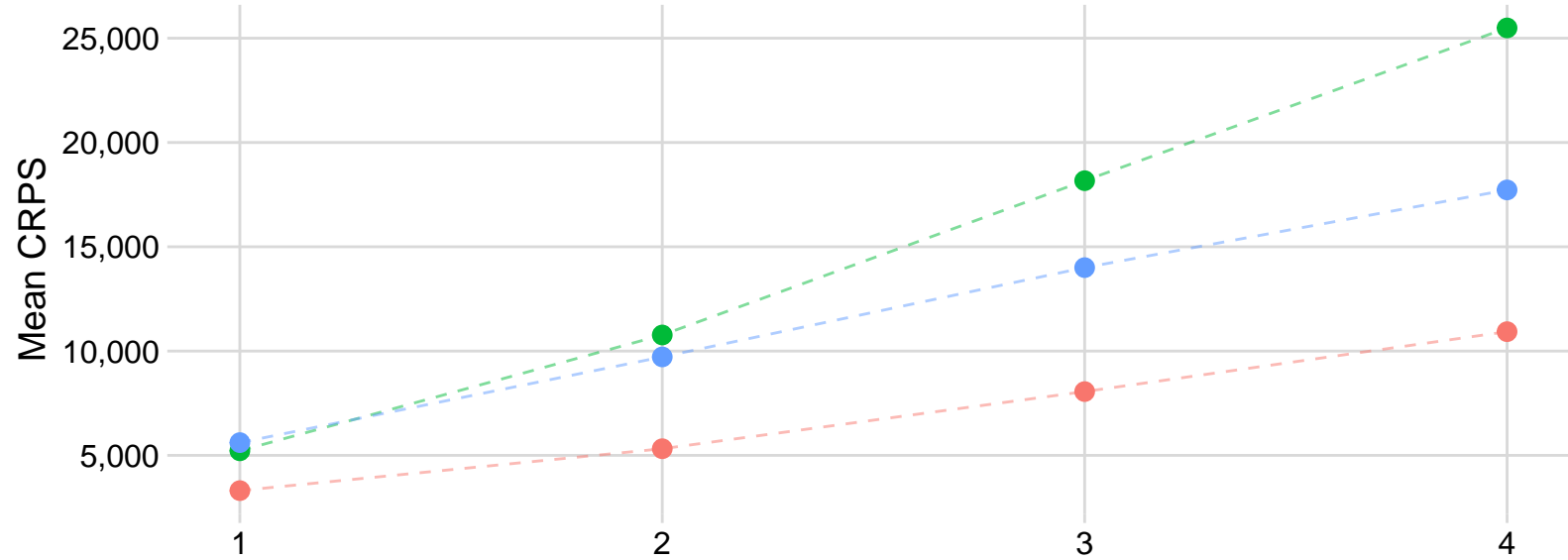


# Continuous Ranked Probability Score for New Cases

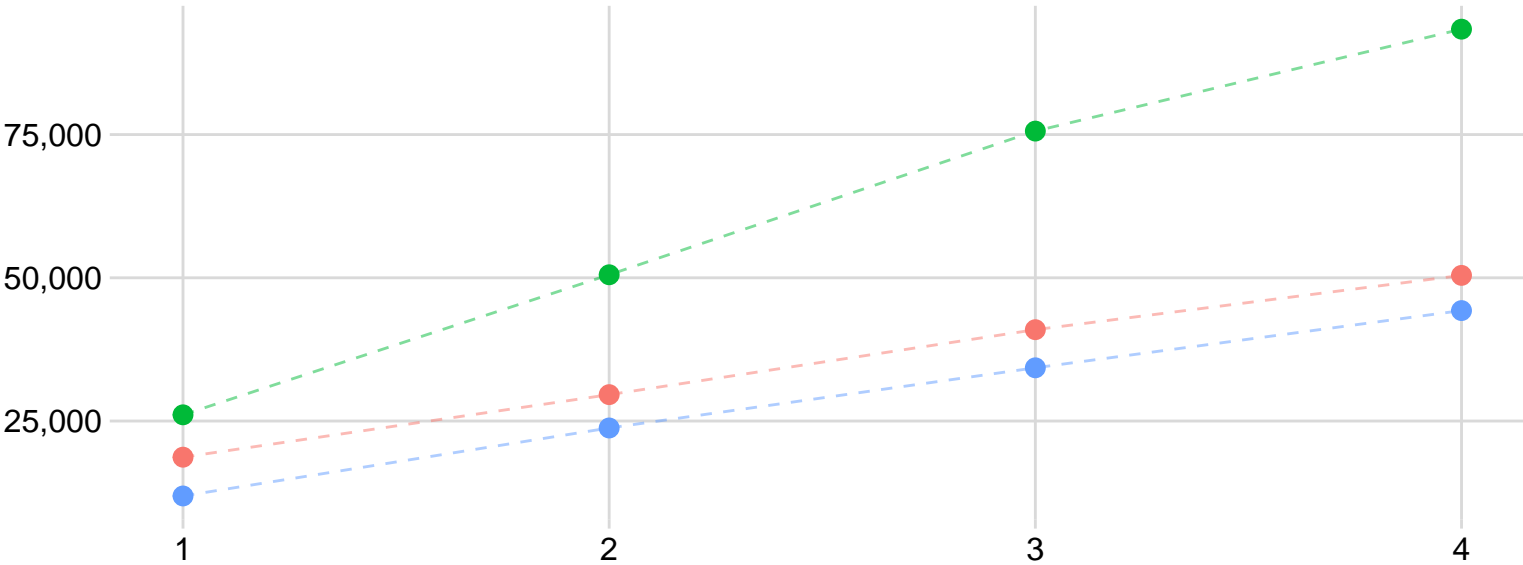
Slow Takeover Data



Medium Takeover Data



Fast Takeover Data



Forecast Horizon (Weeks)

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