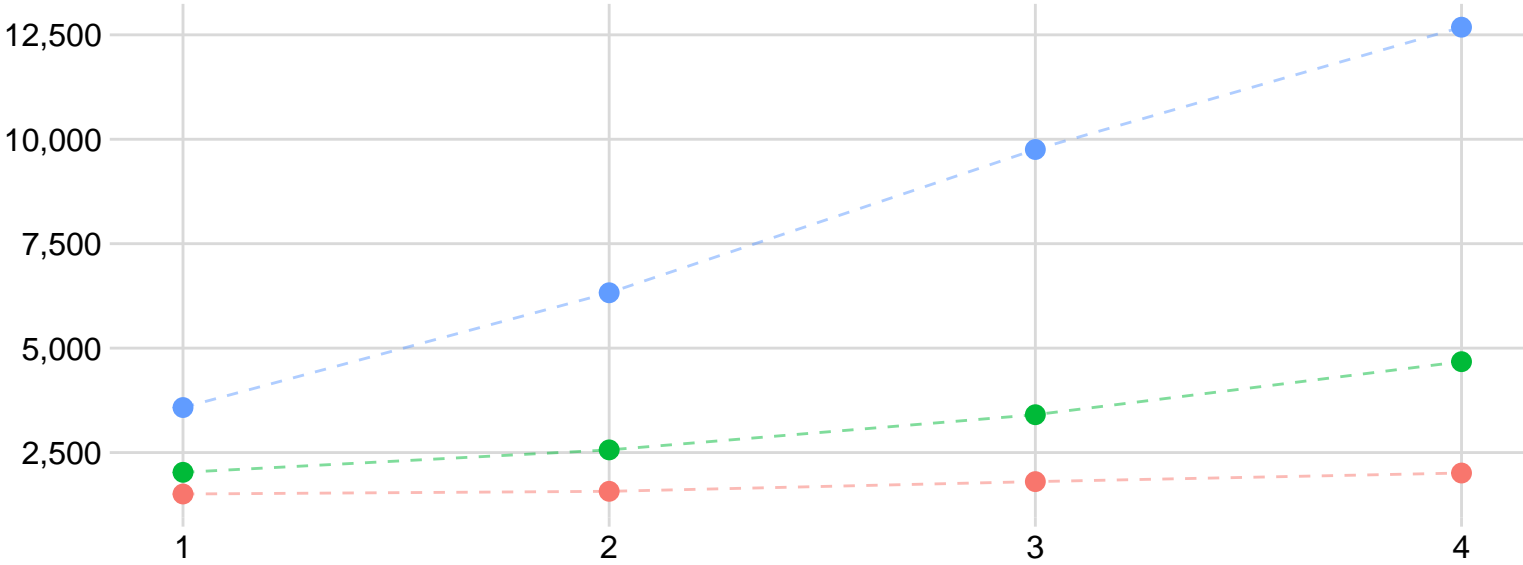
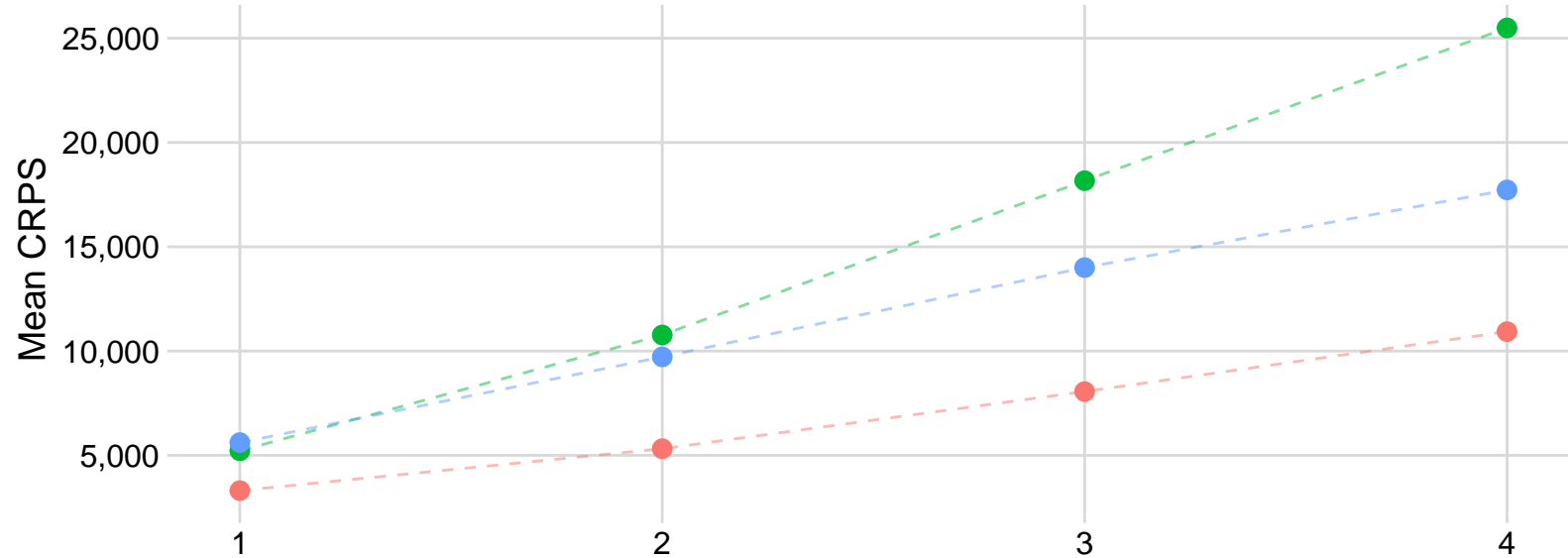


Continuous Ranked Probability Score for New Cases

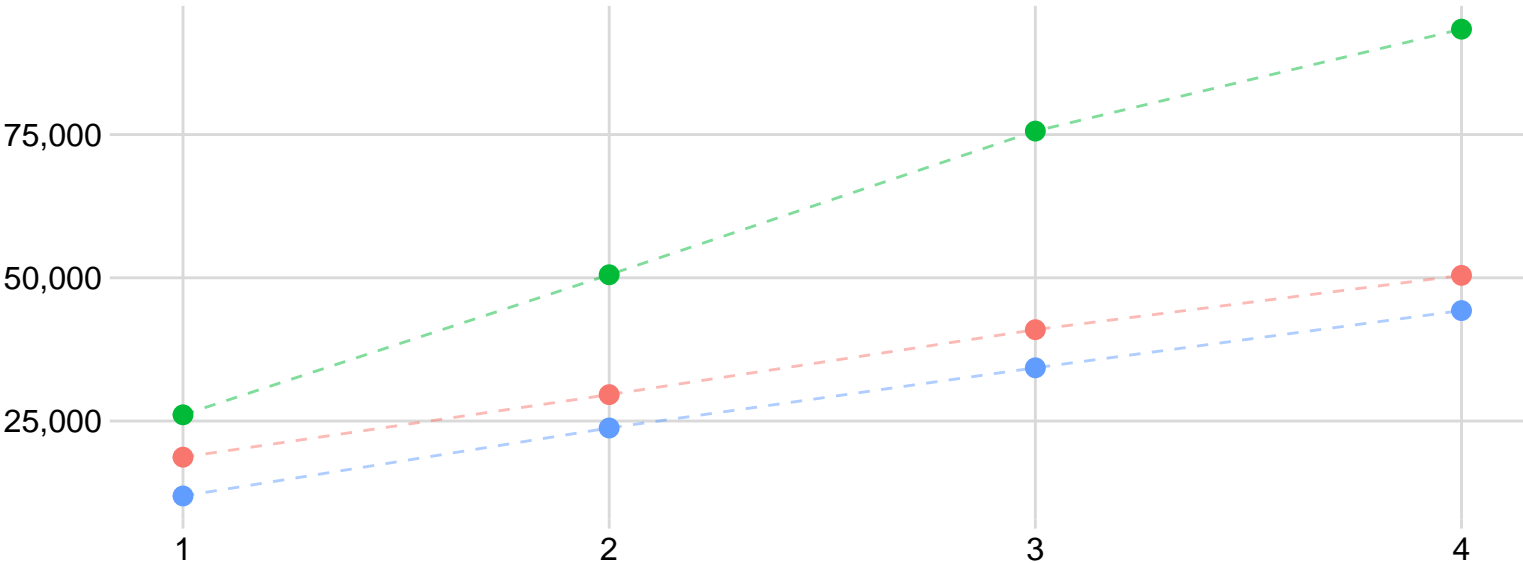
Slow Takeover Data



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