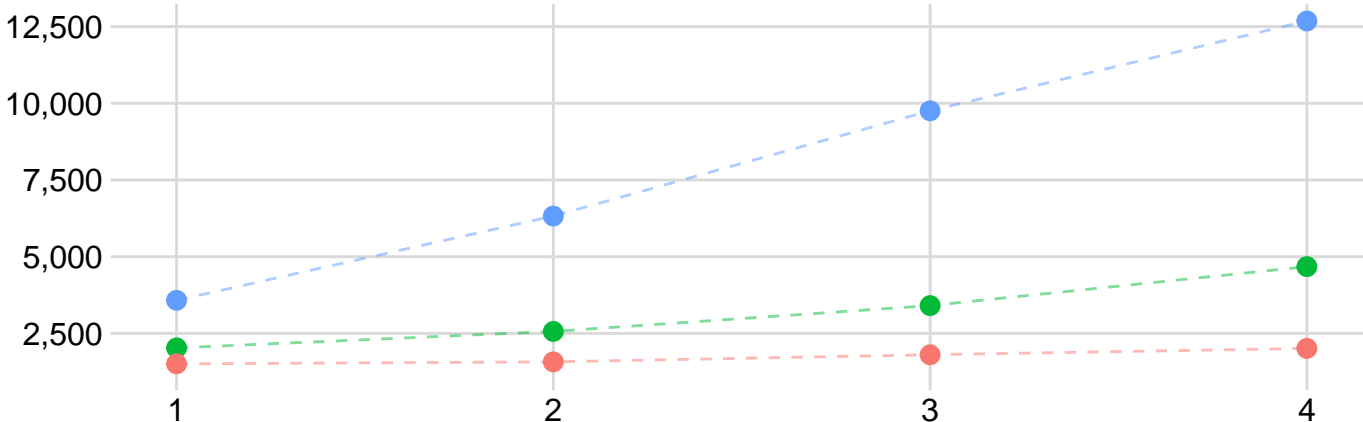
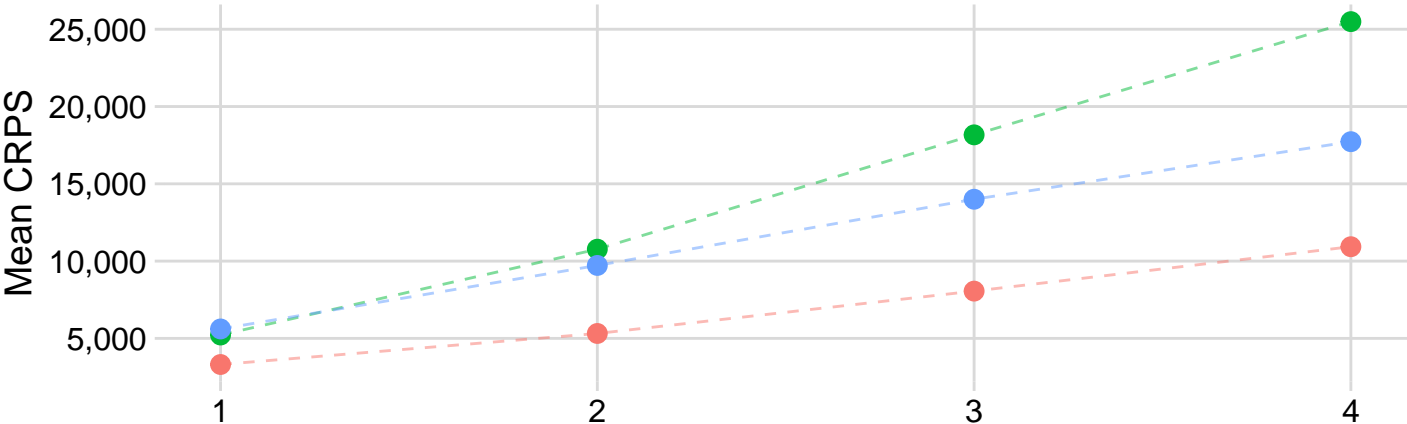


Continuous Ranked Probability Score for New Cases

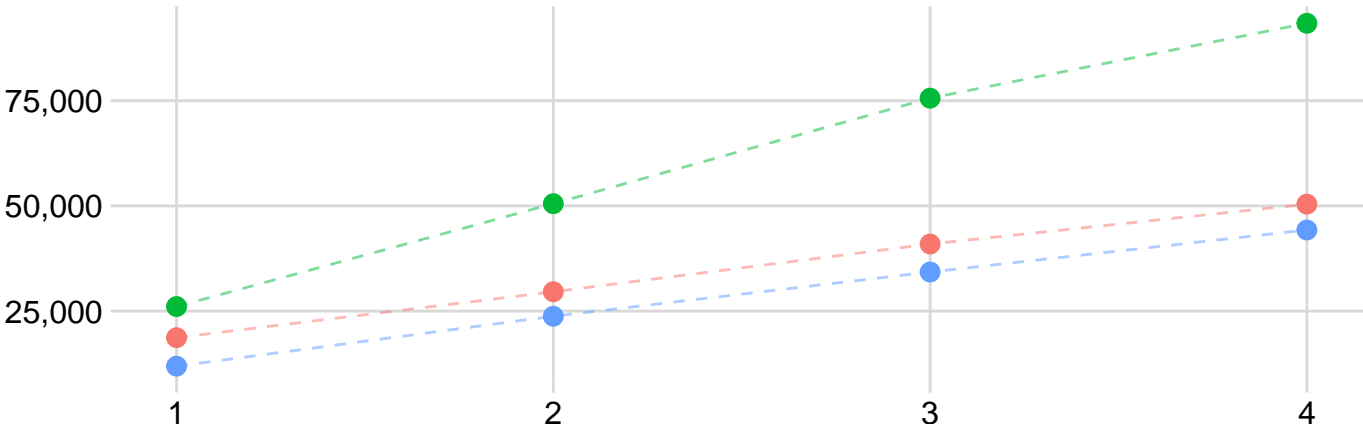
Slow Takeover Speed Data



Medium Takeover Speed Data



Fast Takeover Speed Data



Forecast Horizon (Weeks)

Model

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