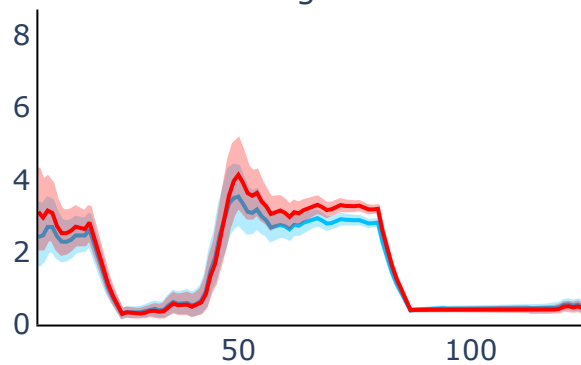


— One-group model — Multi-group model

Reproduction number  $R_t$

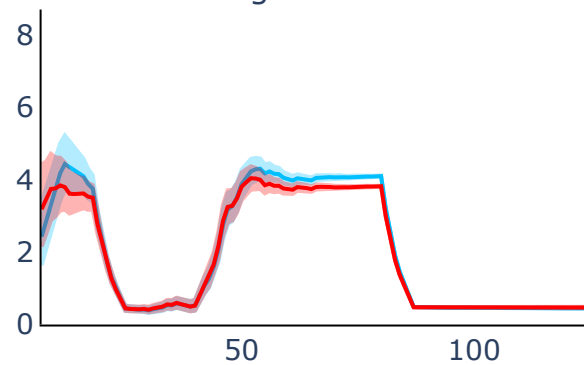
Original



Time (days)

Reproduction number  $R_t$

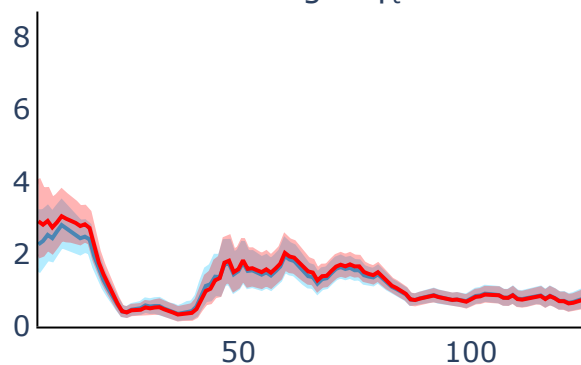
Changed Contacts



Time (days)

Reproduction number  $R_t$

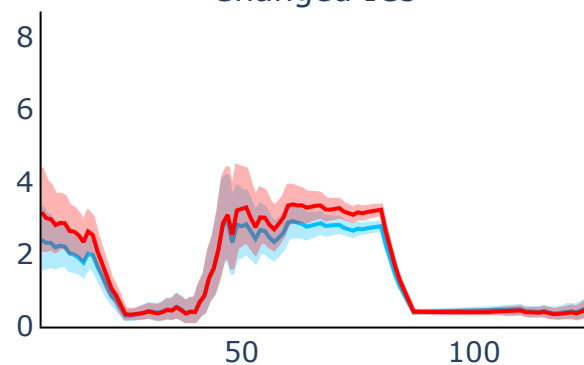
Changed  $\gamma_t$



Time (days)

Reproduction number  $R_t$

Changed ICs



Time (days)