

# city\_models

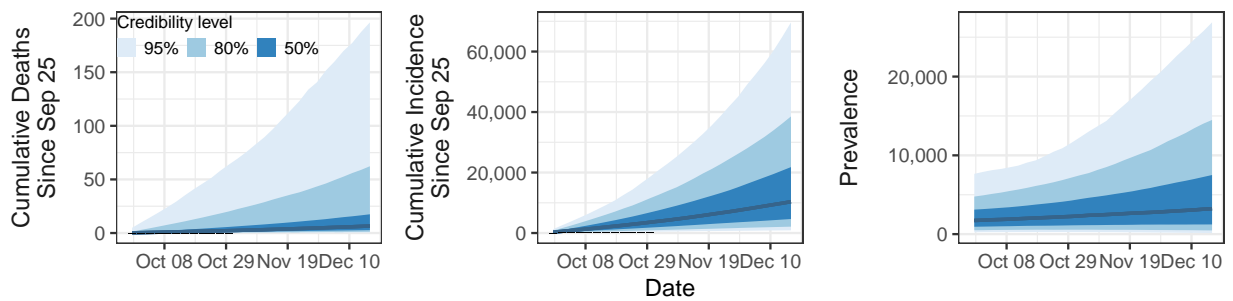
Isaac Goldstein

10/28/2020

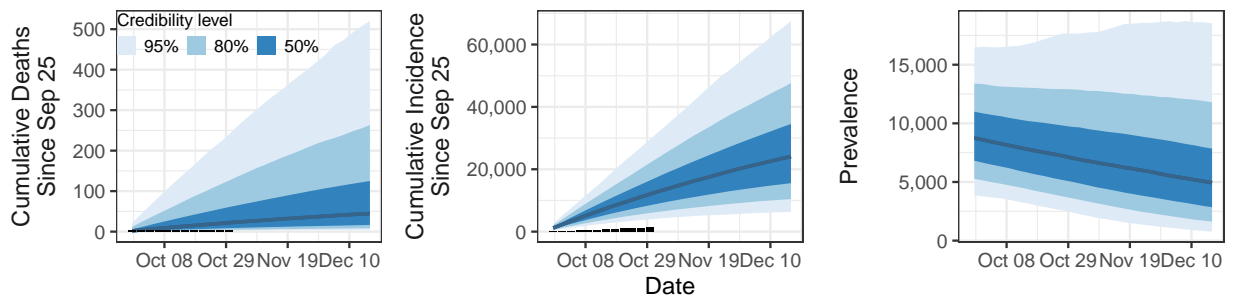
```
## mapping: yintercept = ~yintercept
## geom_hline: na.rm = FALSE
## stat_identity: na.rm = FALSE
## position_identity

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## geom_hline: na.rm = FALSE
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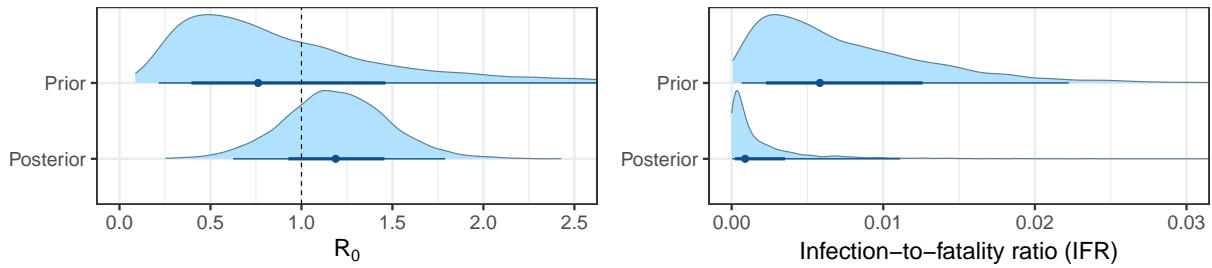
Irvine latent & observed trajectories, posterior median & 50%, 80%, 95% credible intervals



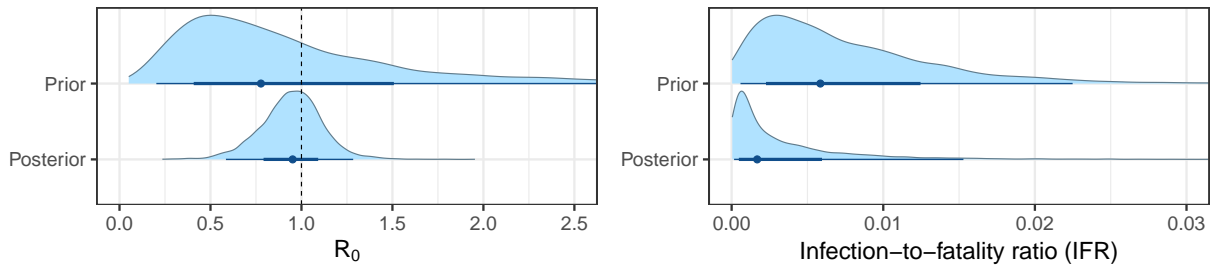
Santa Ana latent & observed trajectories, posterior median & 50%, 80%, 95% credible intervals



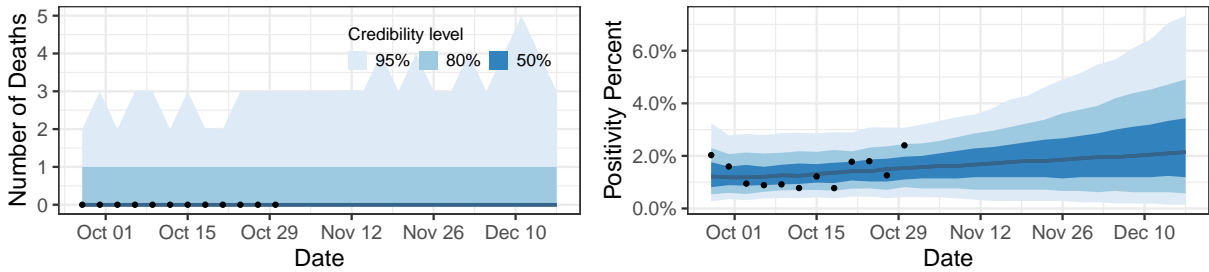
Irvine Prior and Posterior Summaries for  $R_0$  and IFR



Santa Ana Prior and Posterior Summaries for  $R_0$  and IFR



Irvine Observed & Predicted Deaths and Positive Test Percent in 3 Day Periods



Santa Ana Observed & Predicted Deaths and Positive Test Percent in 3 Day Periods

