

# city\_models

Isaac Goldstein

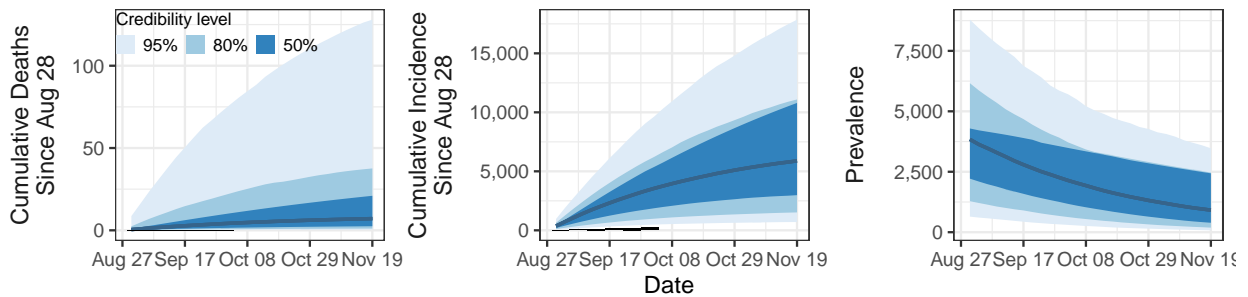
10/28/2020

Report period: Aug 28 - Oct 02

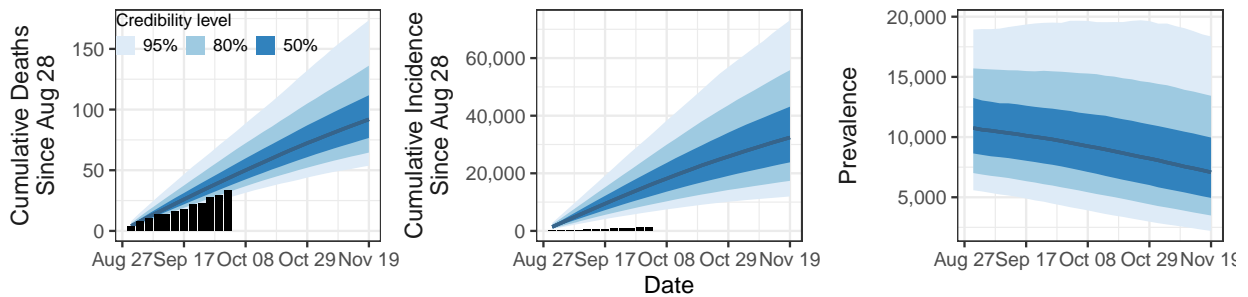
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## mapping: yintercept = ~yintercept
## geom_hline: na.rm = FALSE
## stat_identity: na.rm = FALSE
## position_identity

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## geom_hline: na.rm = FALSE
## stat_identity: na.rm = FALSE
## position_identity
```

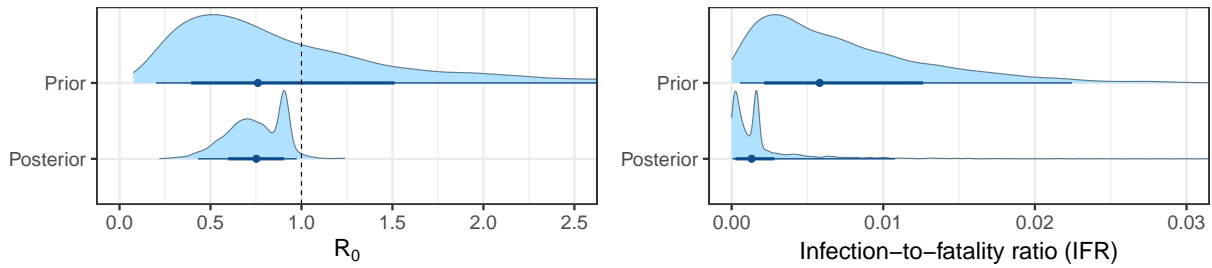
Irvine latent & observed trajectories, posterior median & 50%, 80%, 95% credible intervals



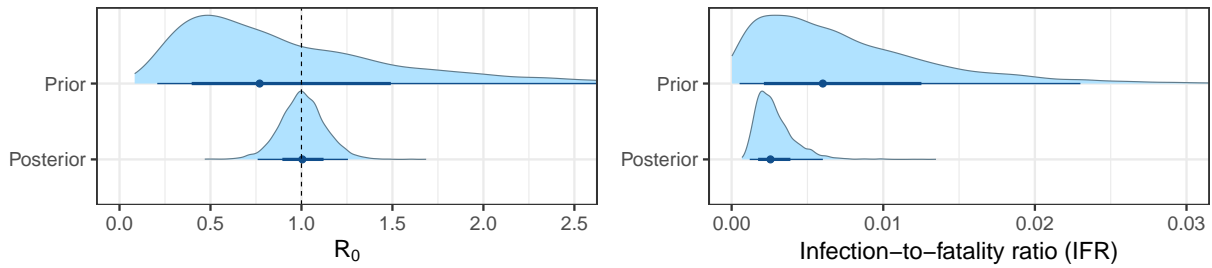
Santa Ana latent & observed trajectories, posterior median & 50%, 80%, 95% credible intervals



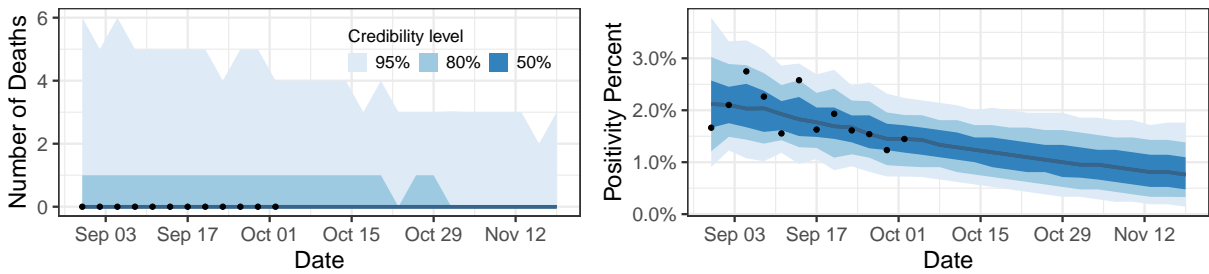
Irvine Prior and Posterior Summaries for  $R_0$  and IFR



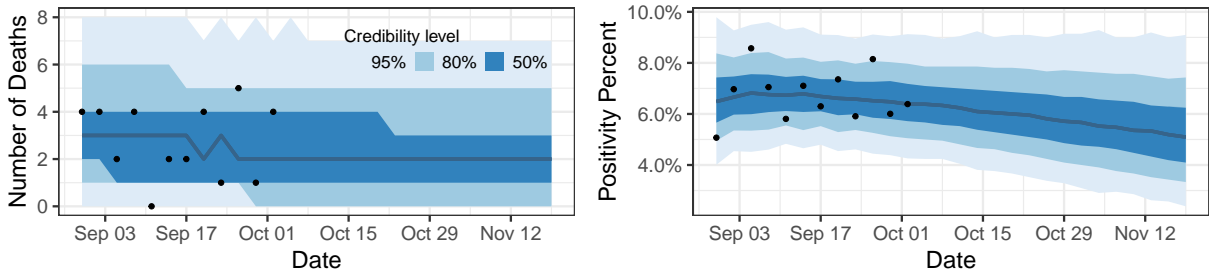
Santa Ana Prior and Posterior Summaries for  $R_0$  and IFR



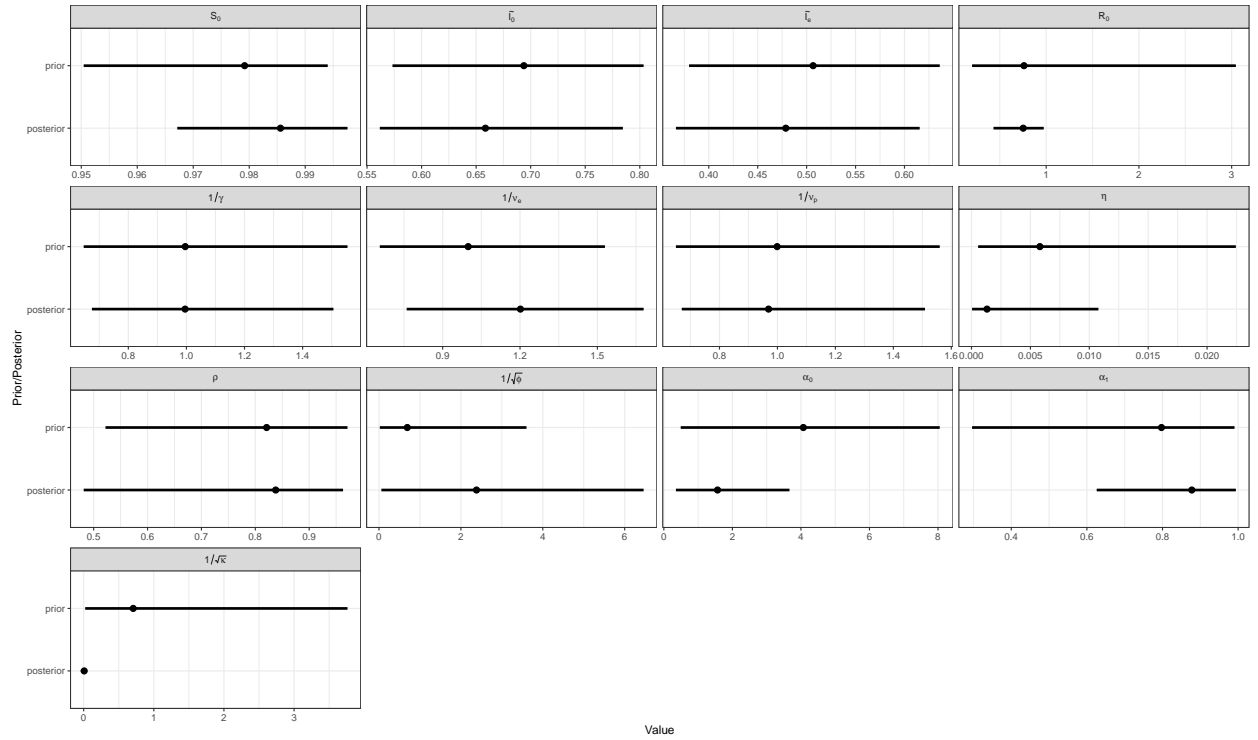
Irvine Observed & Predicted Deaths and Positive Test Percent in 3 Day Periods



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



Irvine Posterior Summaries: Medians & 95% Credible Intervals  
Aug 28–Oct 02



Santa Ana Posterior Summaries: Medians & 95% Credible Intervals  
Aug 28–Oct 02

