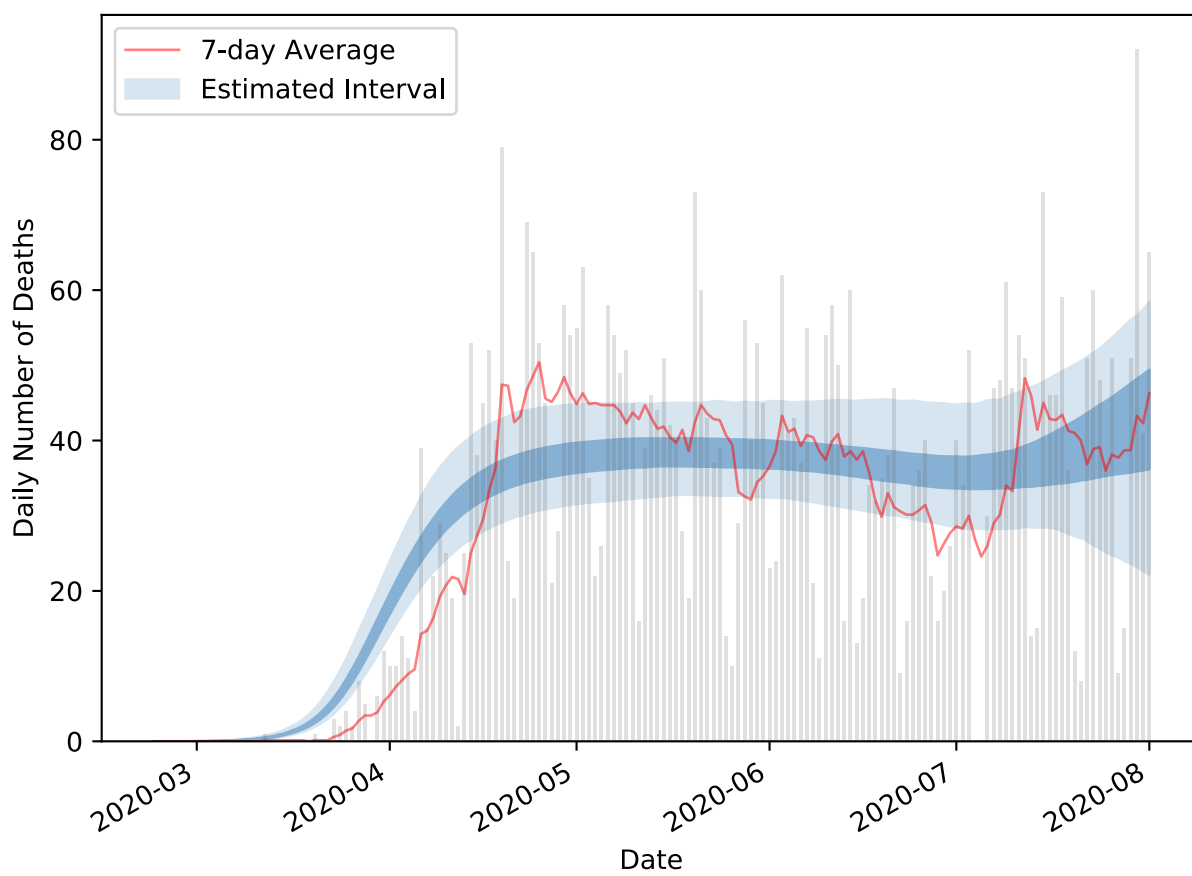


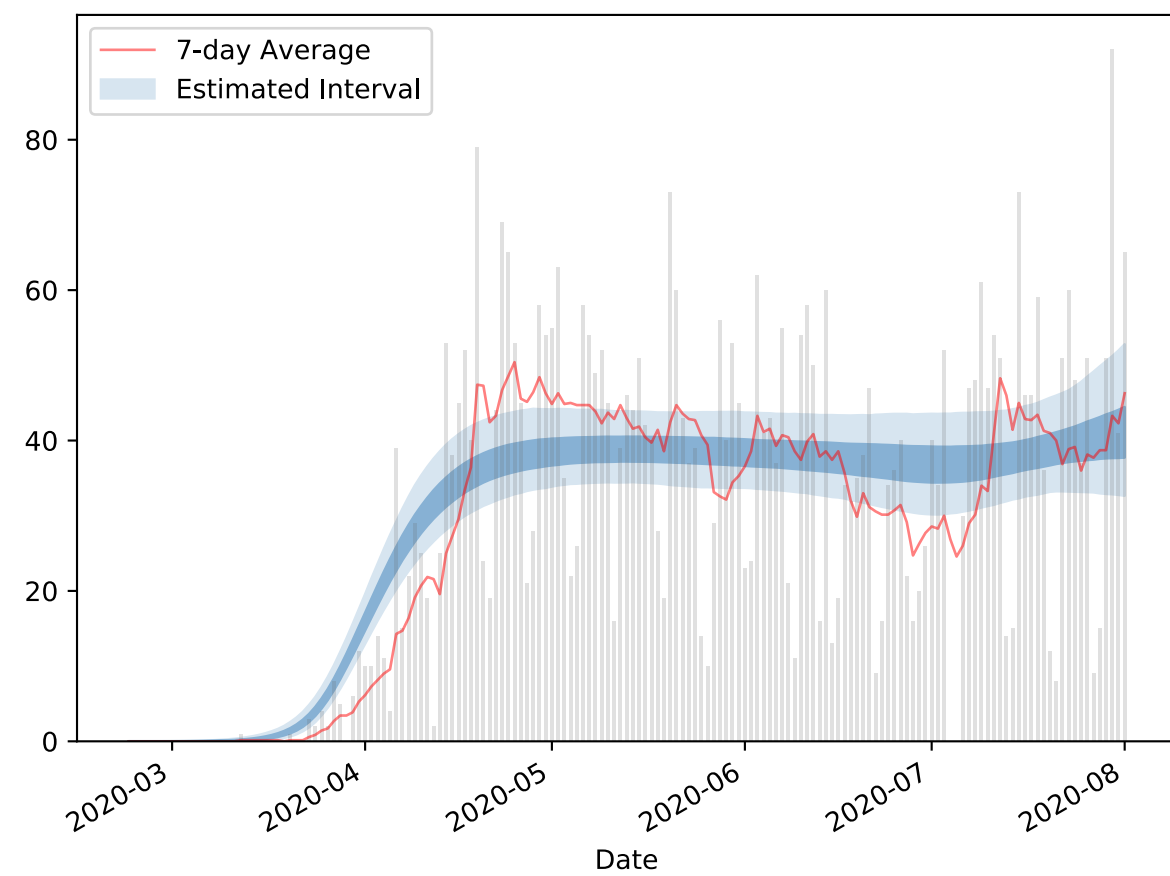
Validating NPI Effects for Los Angeles County

Cluster 4 Model



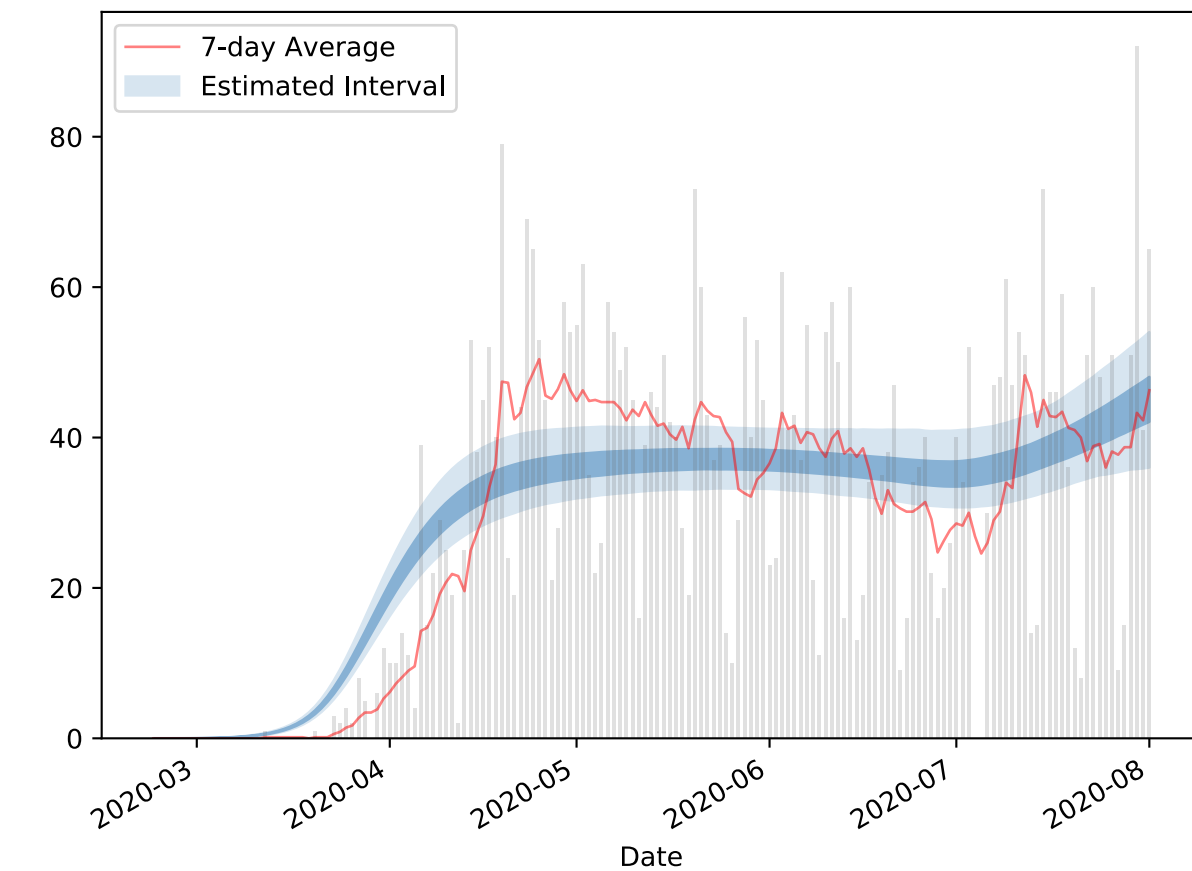
(a)

Los Angeles County Model



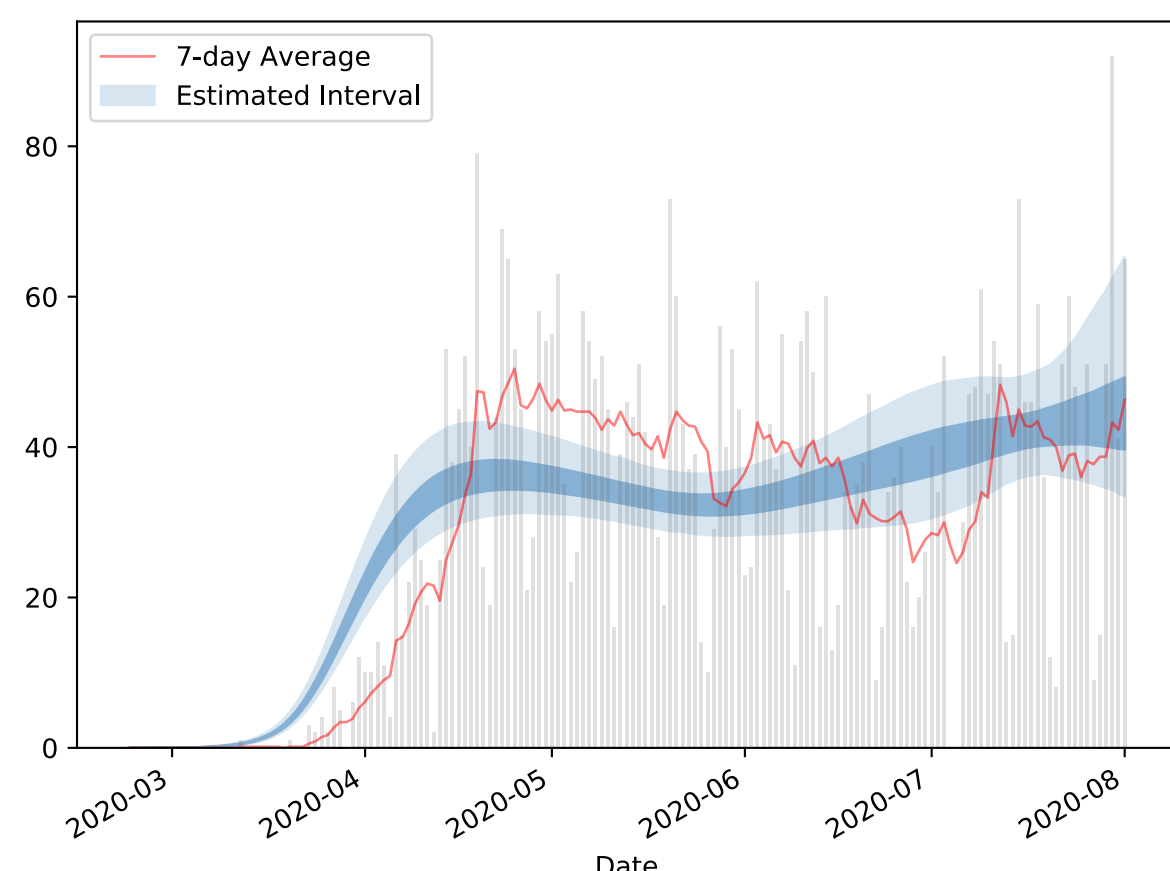
(b)

Los Angeles County Model with Fixed NPI Effects from Cluster 4



(c)

Los Angeles County Model with Fixed NPI Effects from Cluster 1



(d)