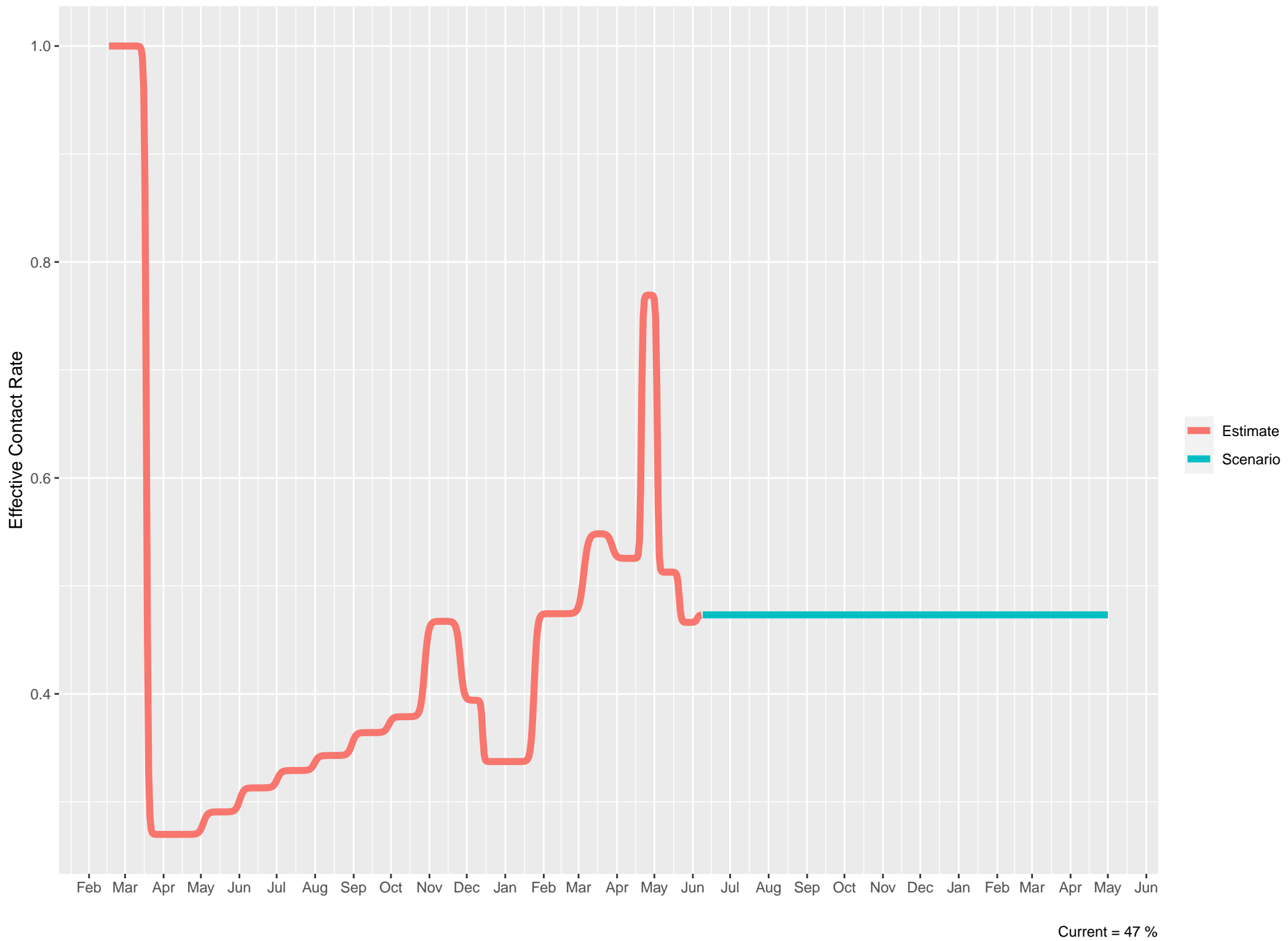
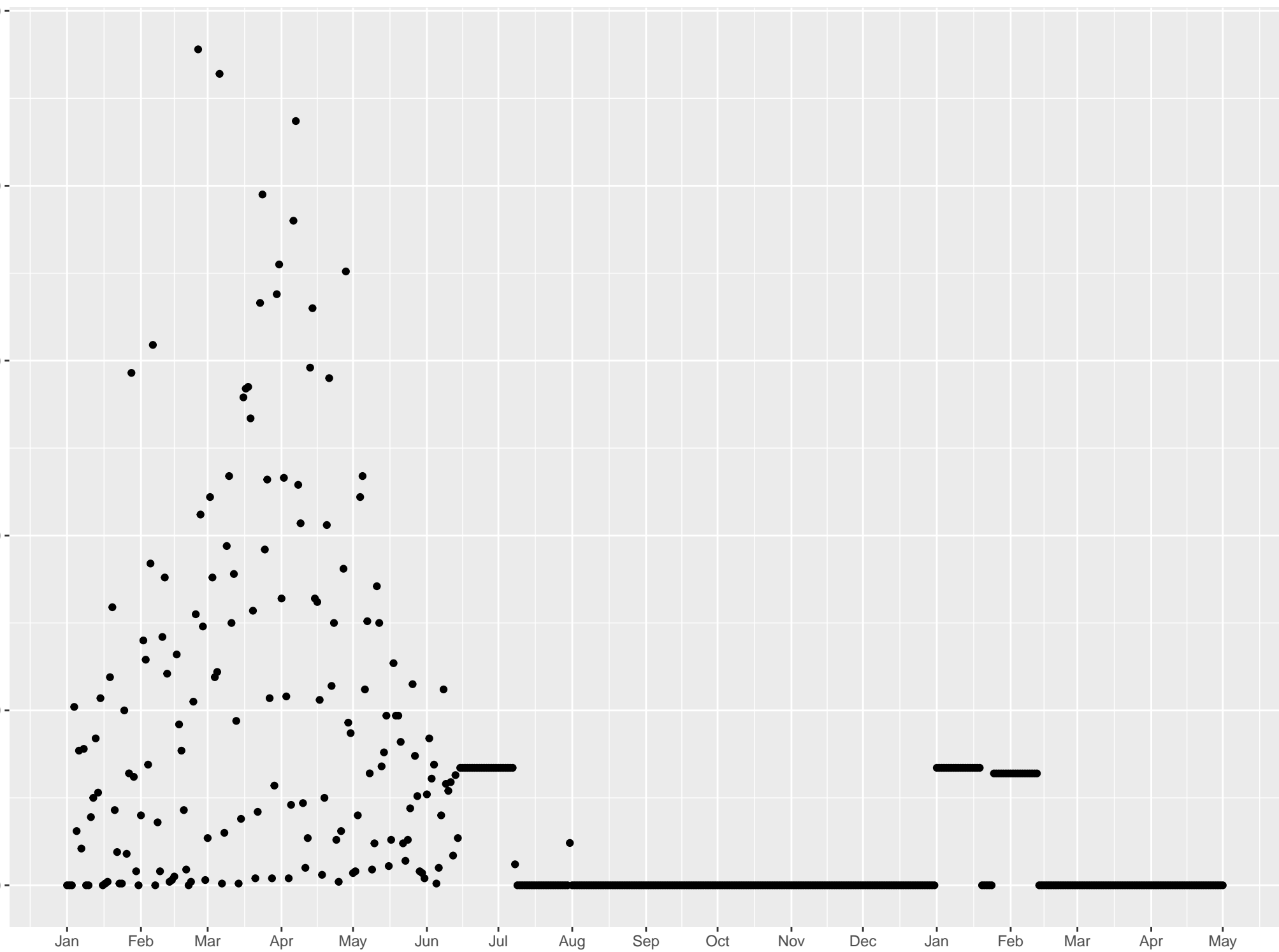


# Effective contact rate relative to initial effective contact rate not including vaccine or variant effects



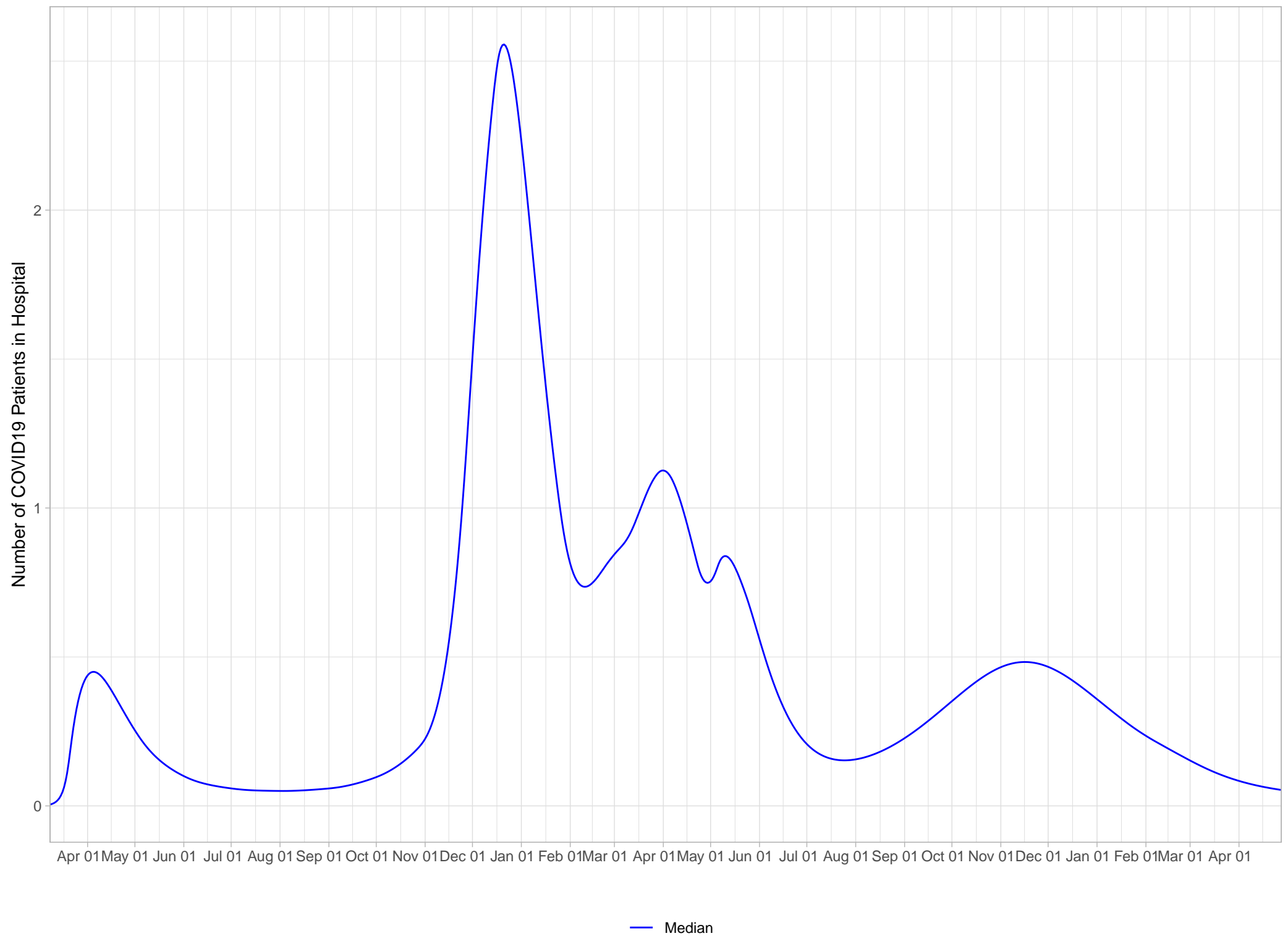
note: scattered doses in the summer are wrapping up second doses, later doses are children

The figure displays a comparison between simulated and empirical data over time. The x-axis represents months from January to May, and the y-axis represents values from 0 to 10. The empirical data (thick black lines) shows a distribution concentrated at lower values, with a notable peak around April and May. The simulated data (black dots) shows a more widespread distribution, with a peak around April and May, and a tail extending towards higher values.

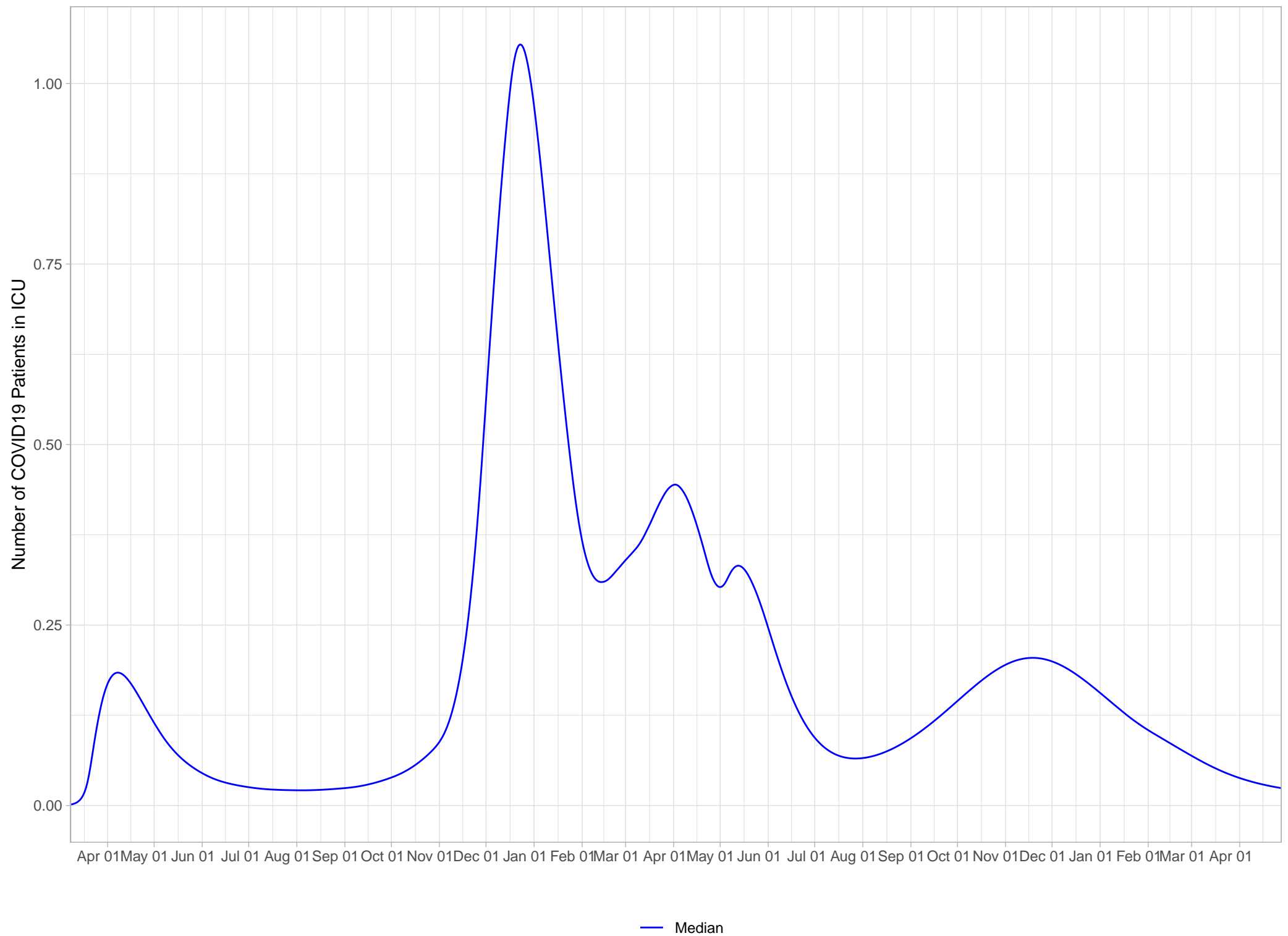




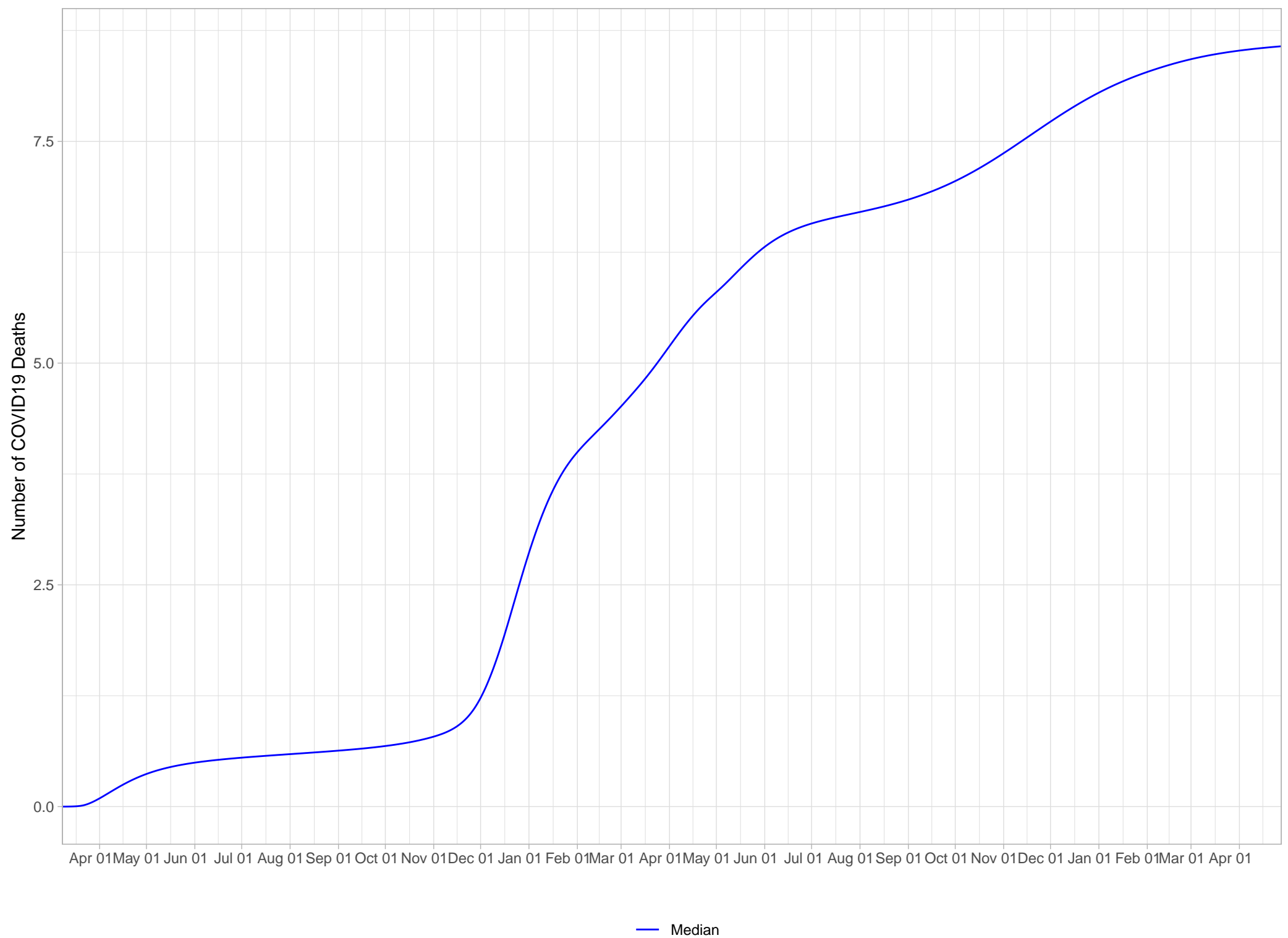
# Long Term Hospitalization Projection



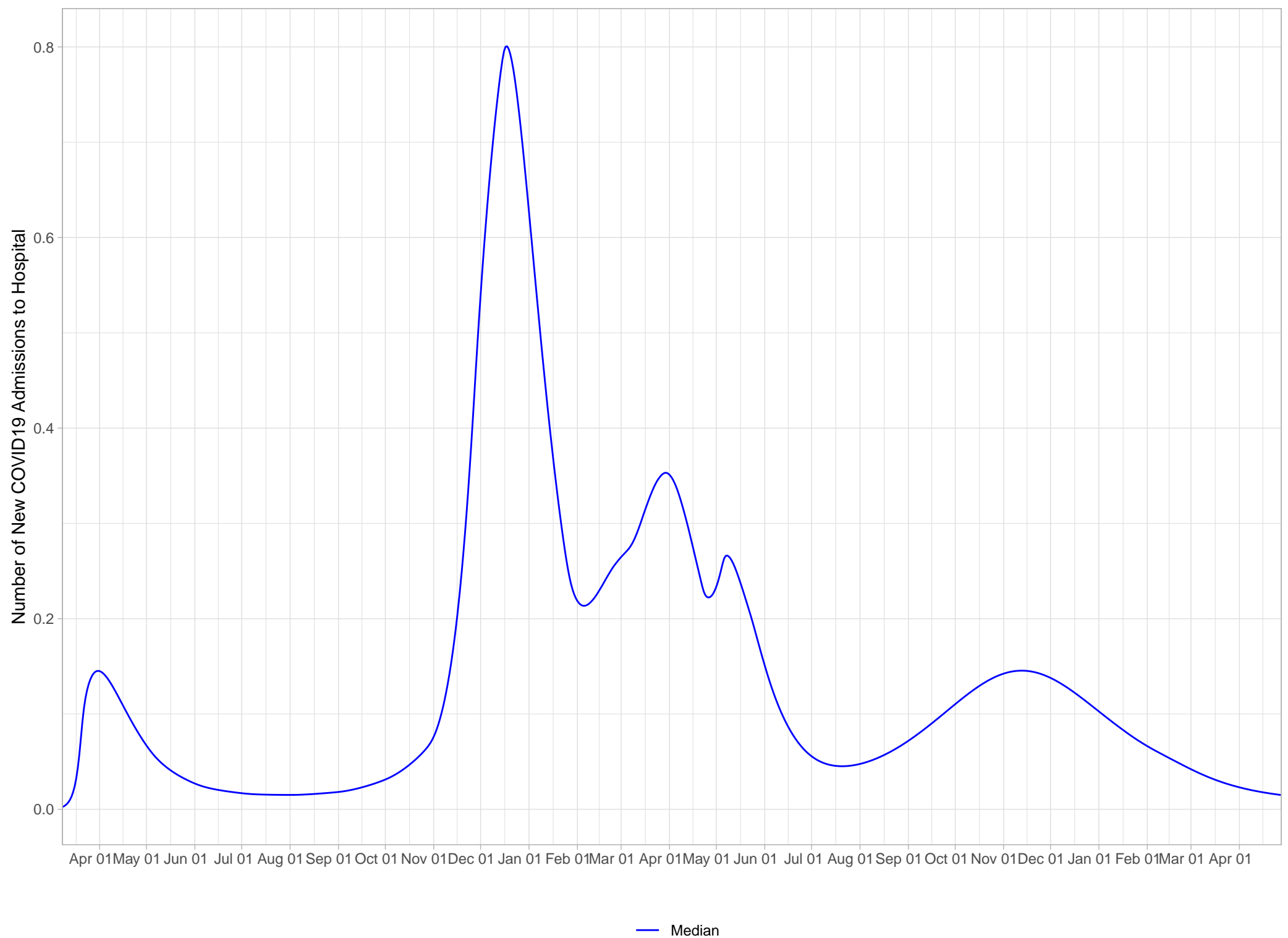
Long Term ICU Projection



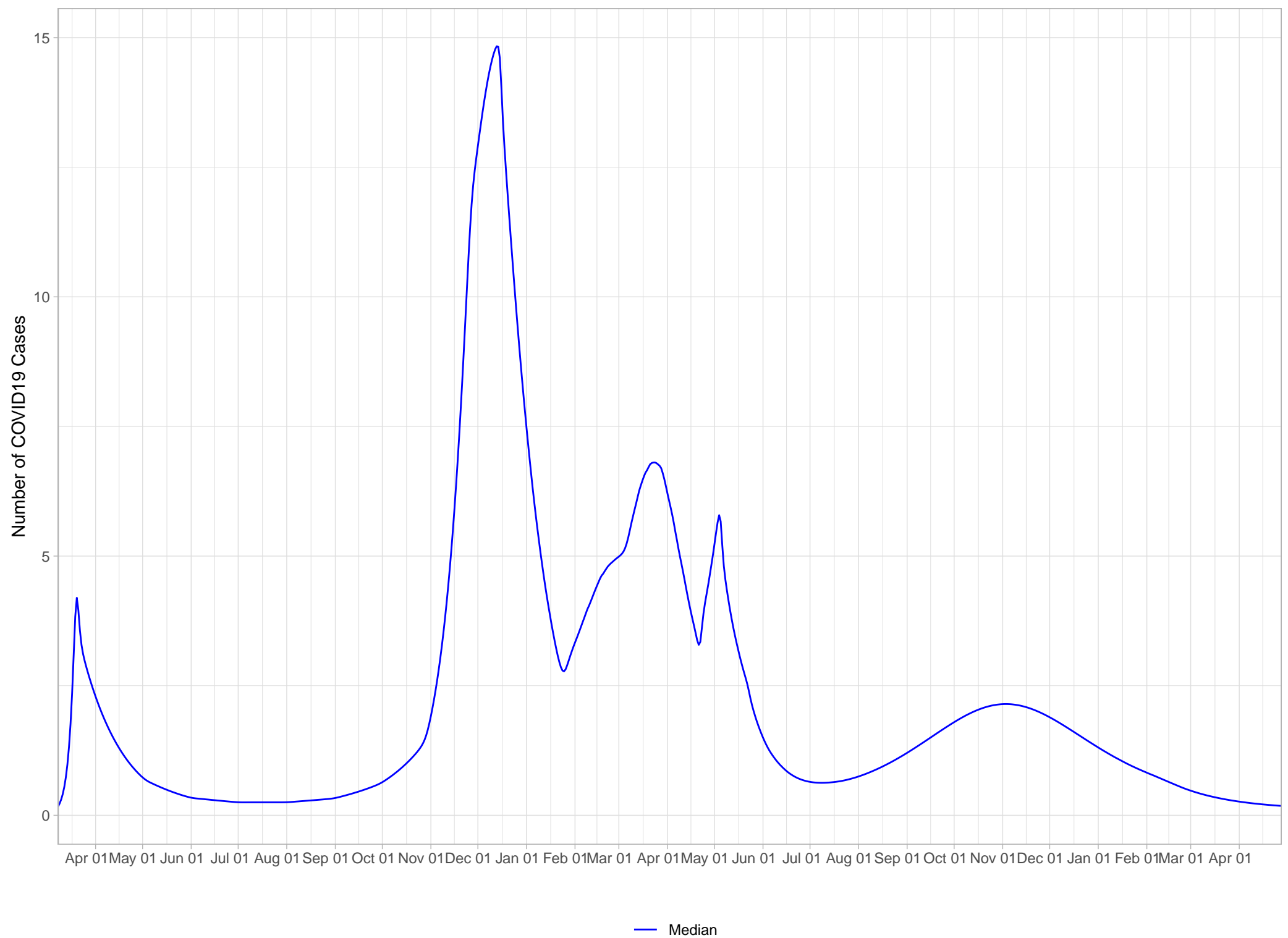
# Long Term Death Projection



# Long Term Admissions Projection



# Long Term Cases Projection





# Long Term Seroprevalence Projection

