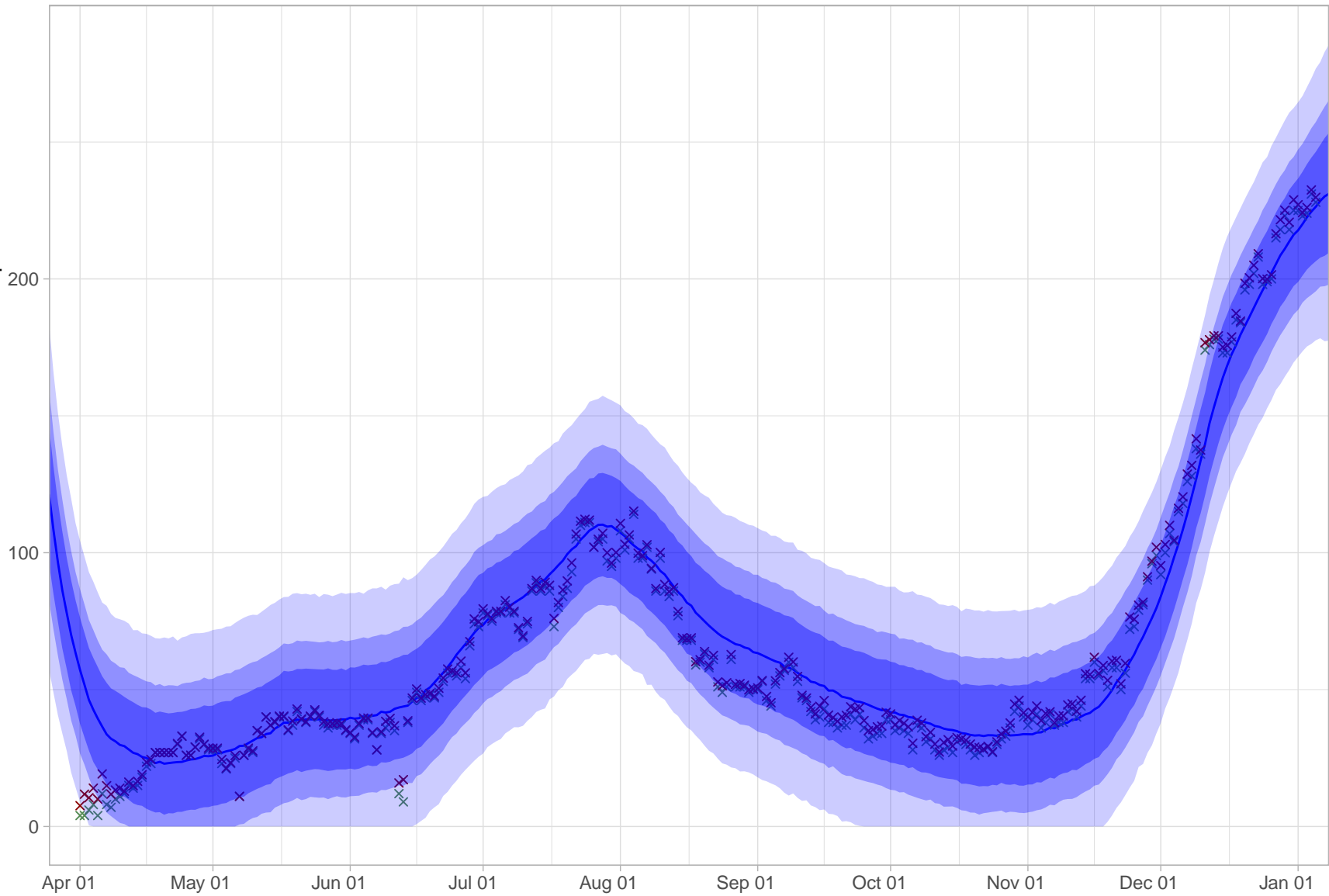


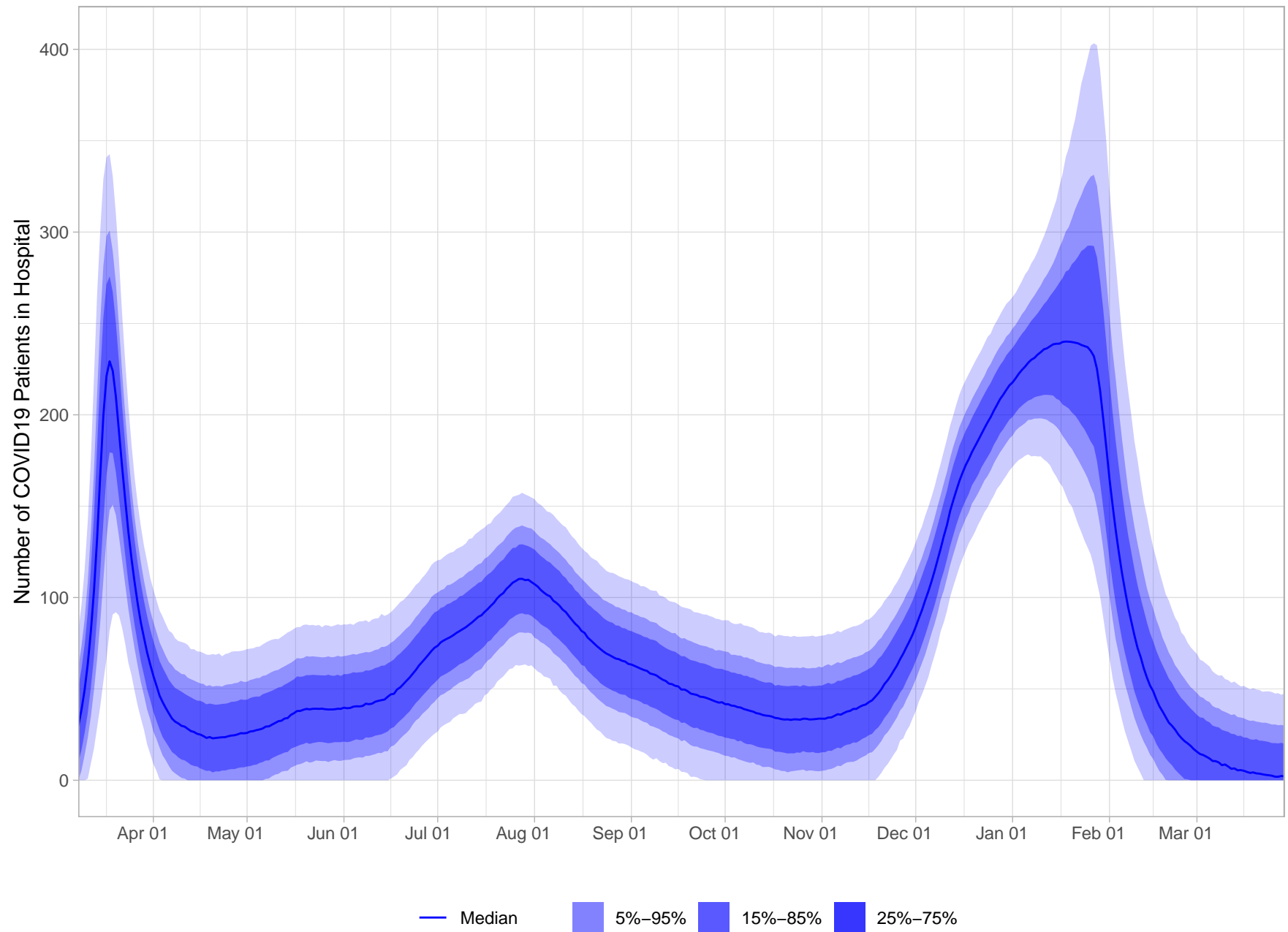
# Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

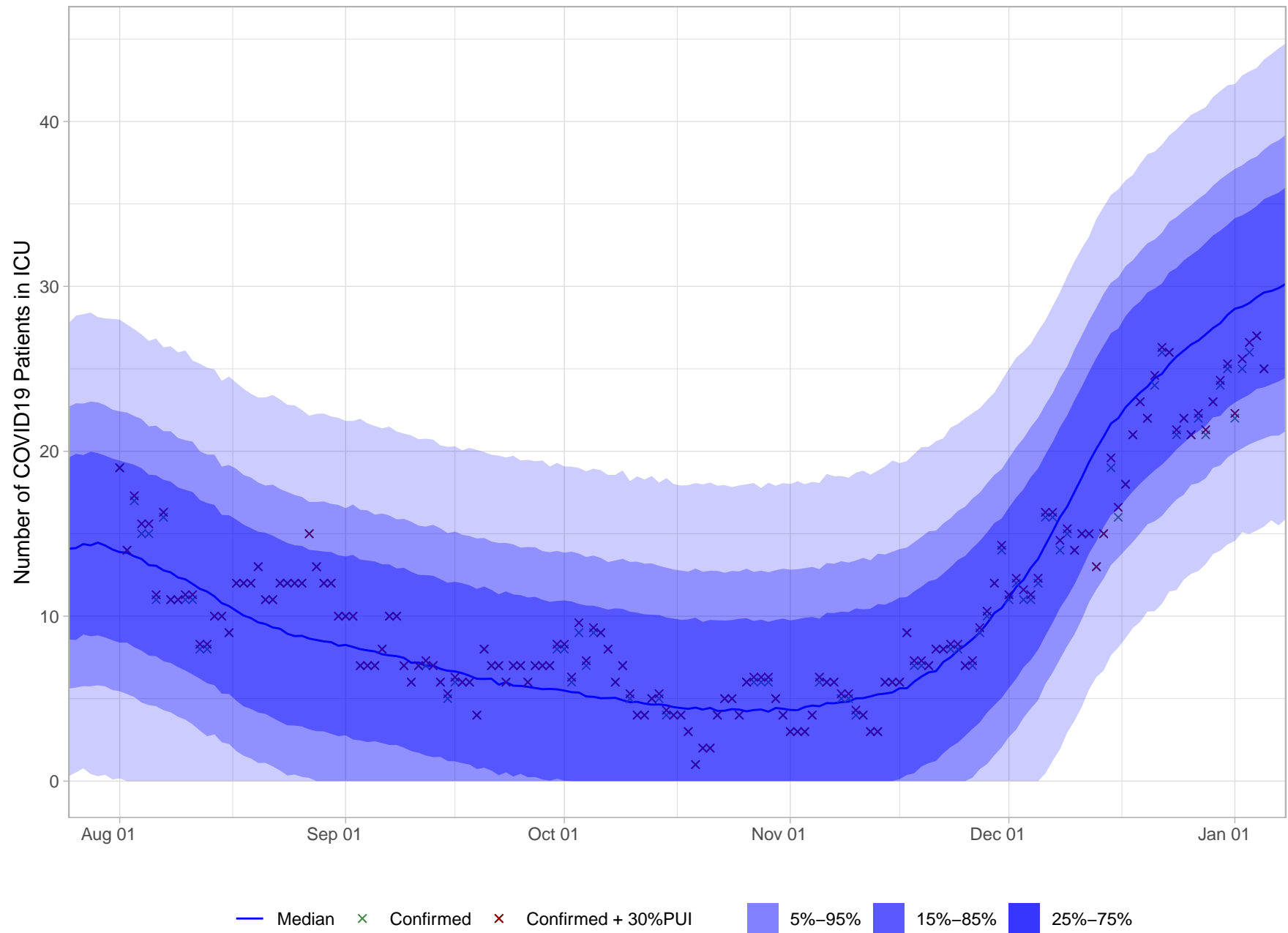


— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

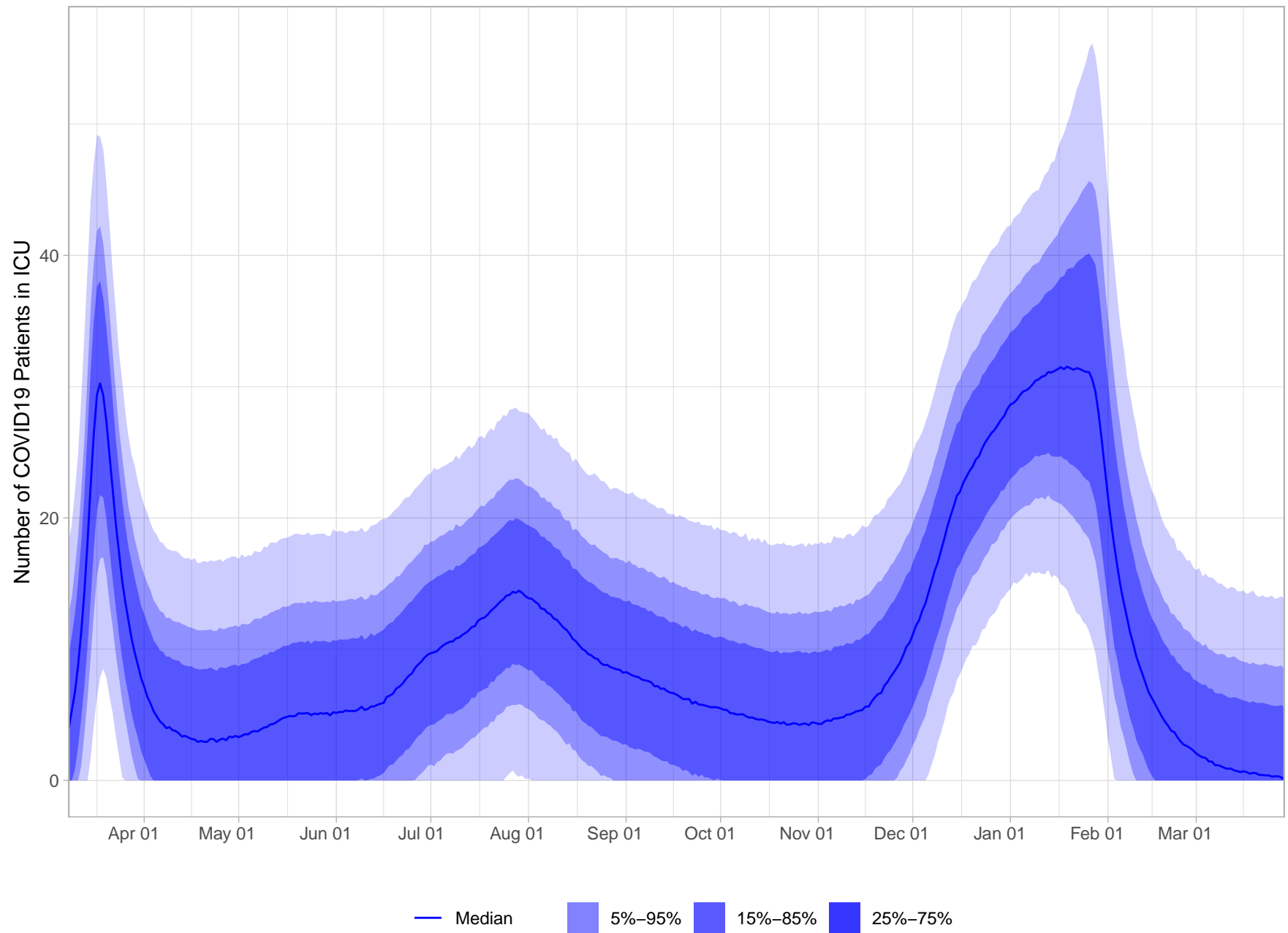
# Long Term Hospitalization Projection



# Short Term ICU Projection

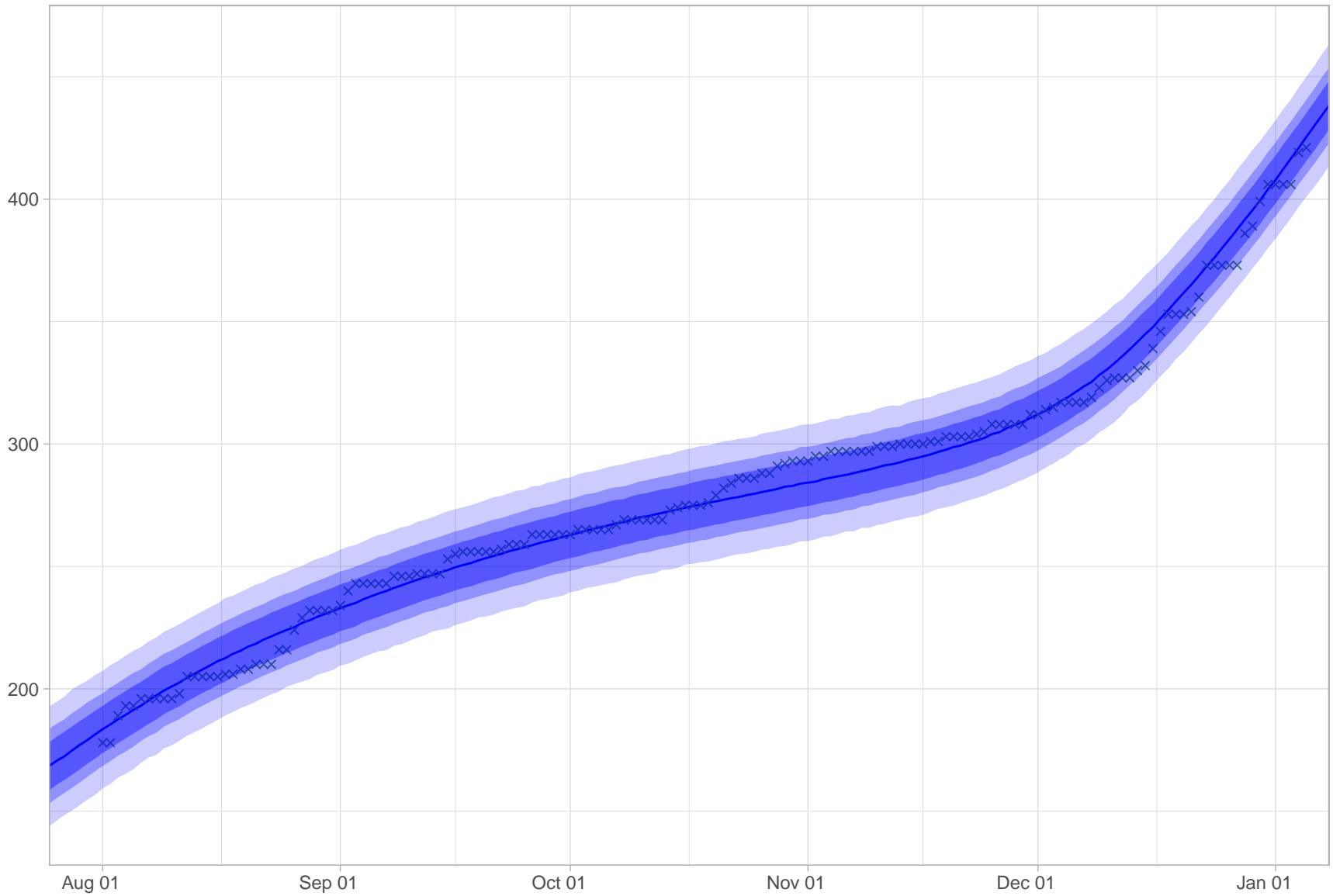


# Long Term ICU Projection



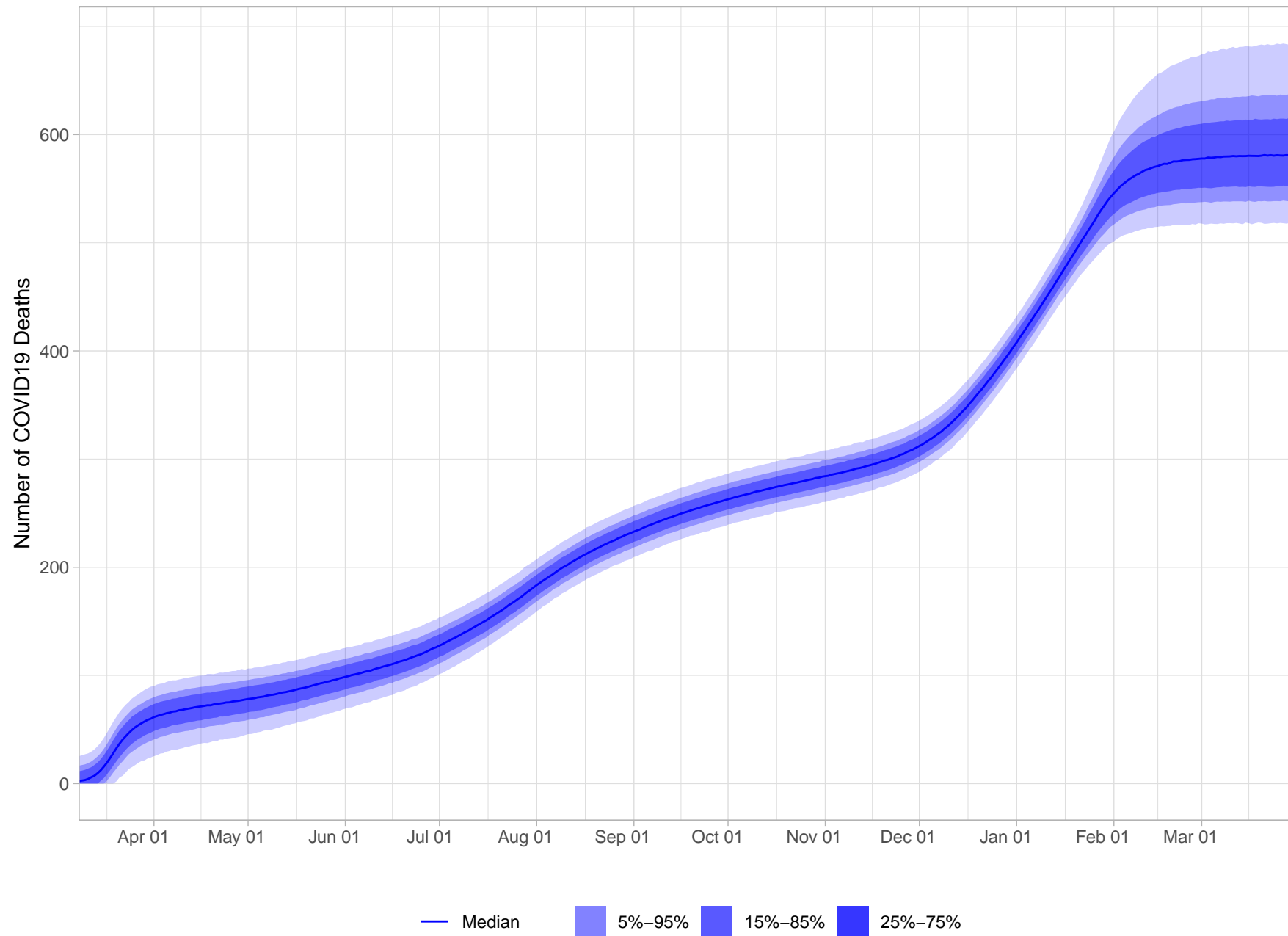
# Short Term Death Projection

Number of COVID19 Deaths

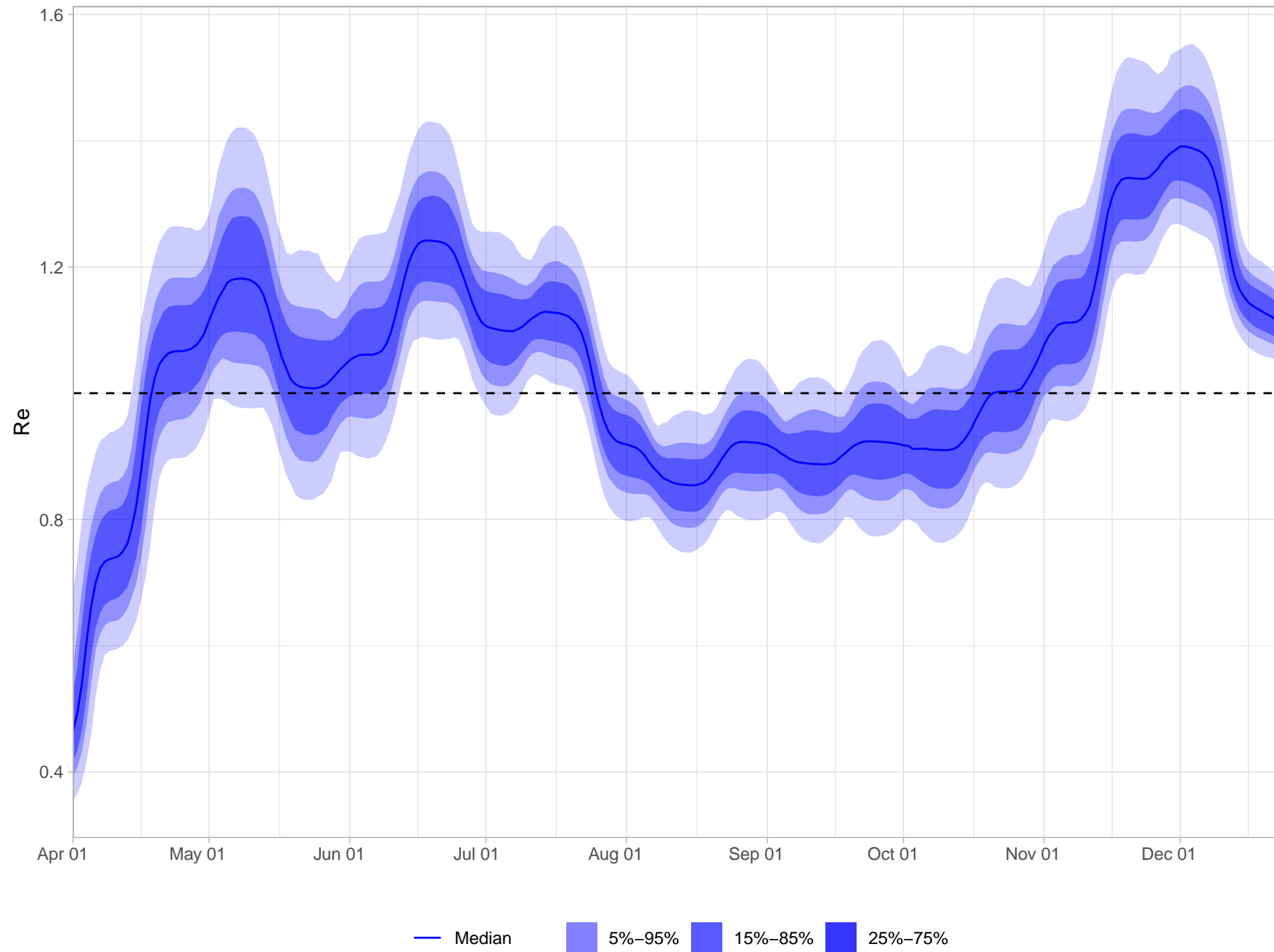


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

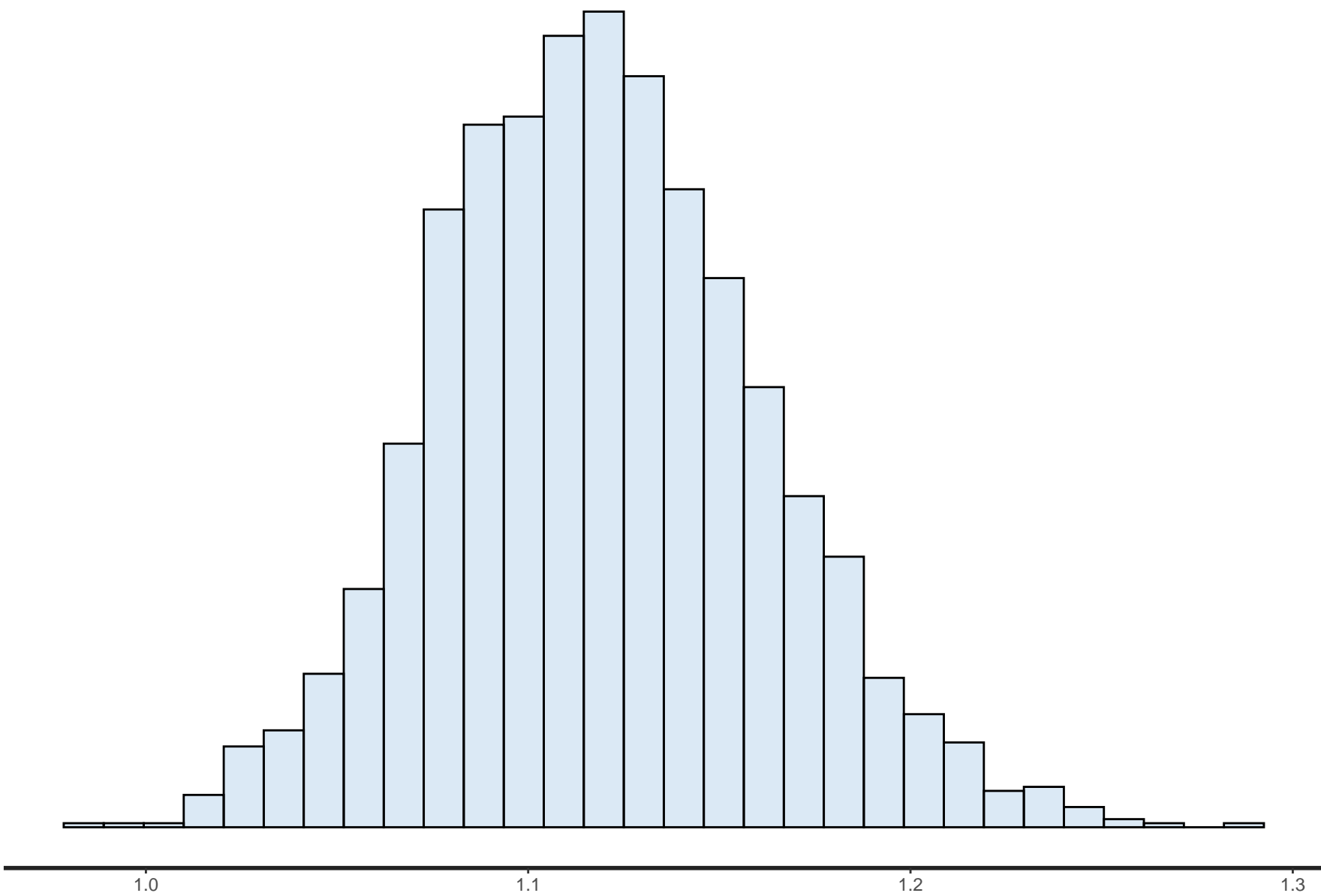


Effective Reproduction Number

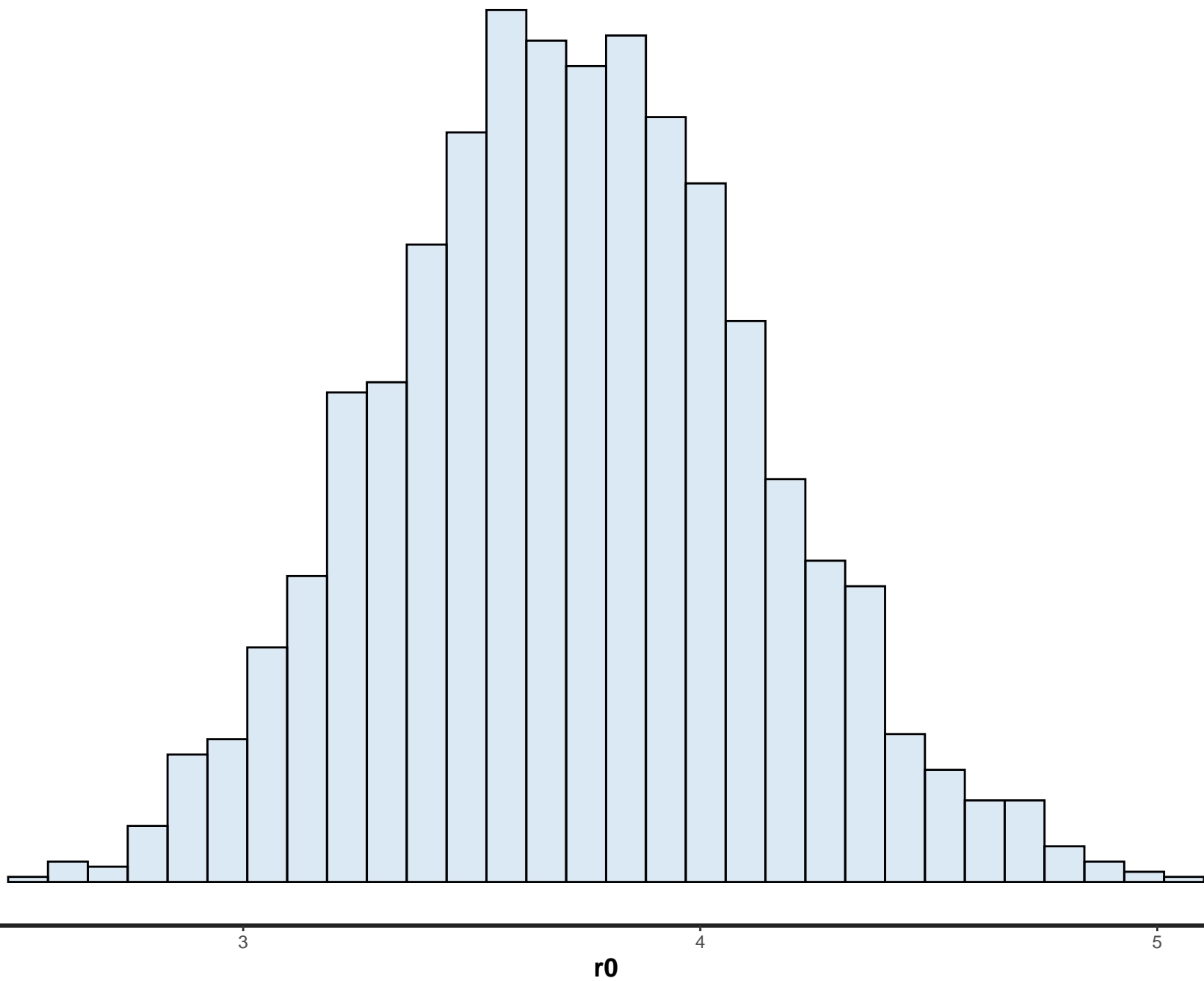


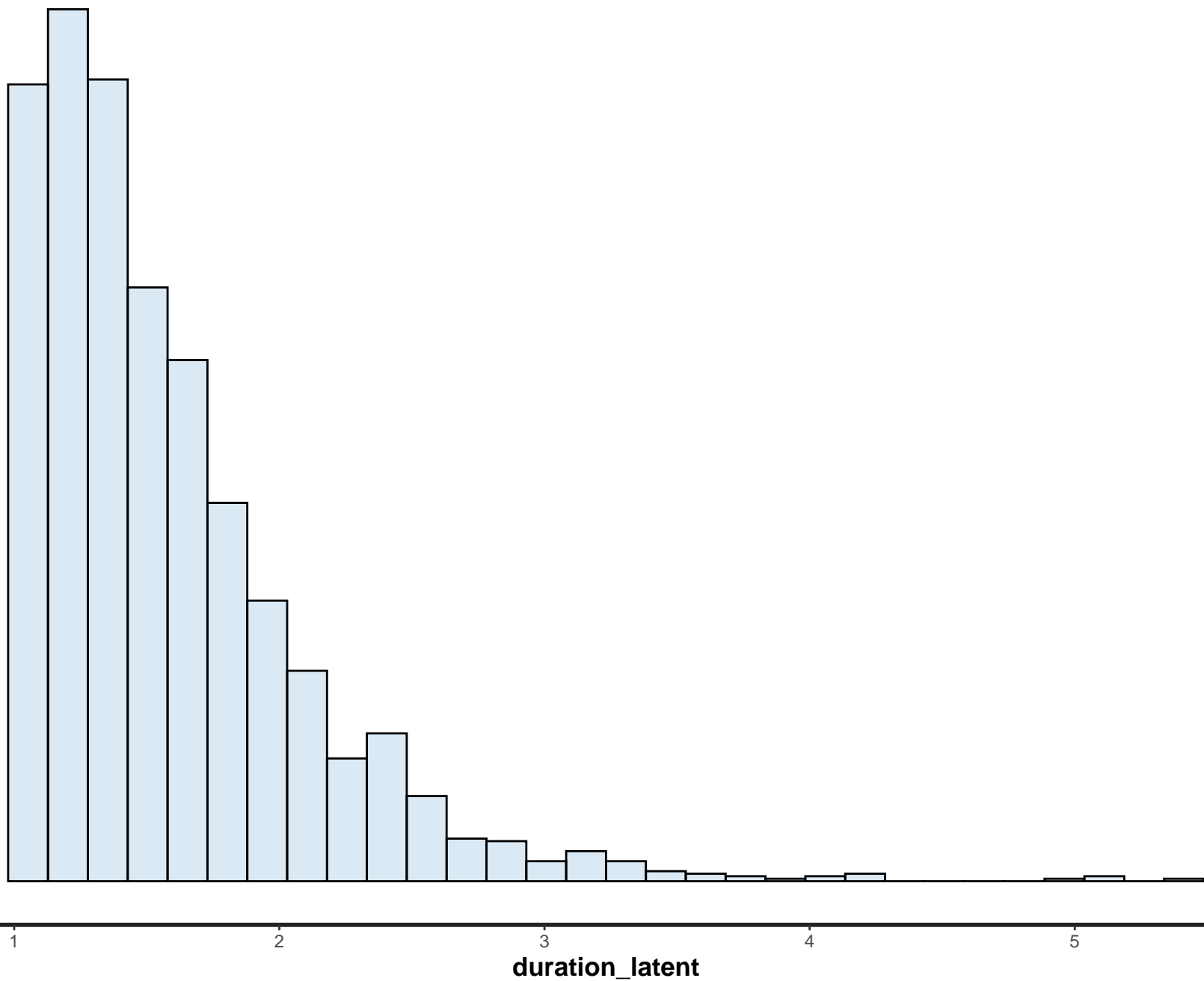
# Rt as of 2020-12-22

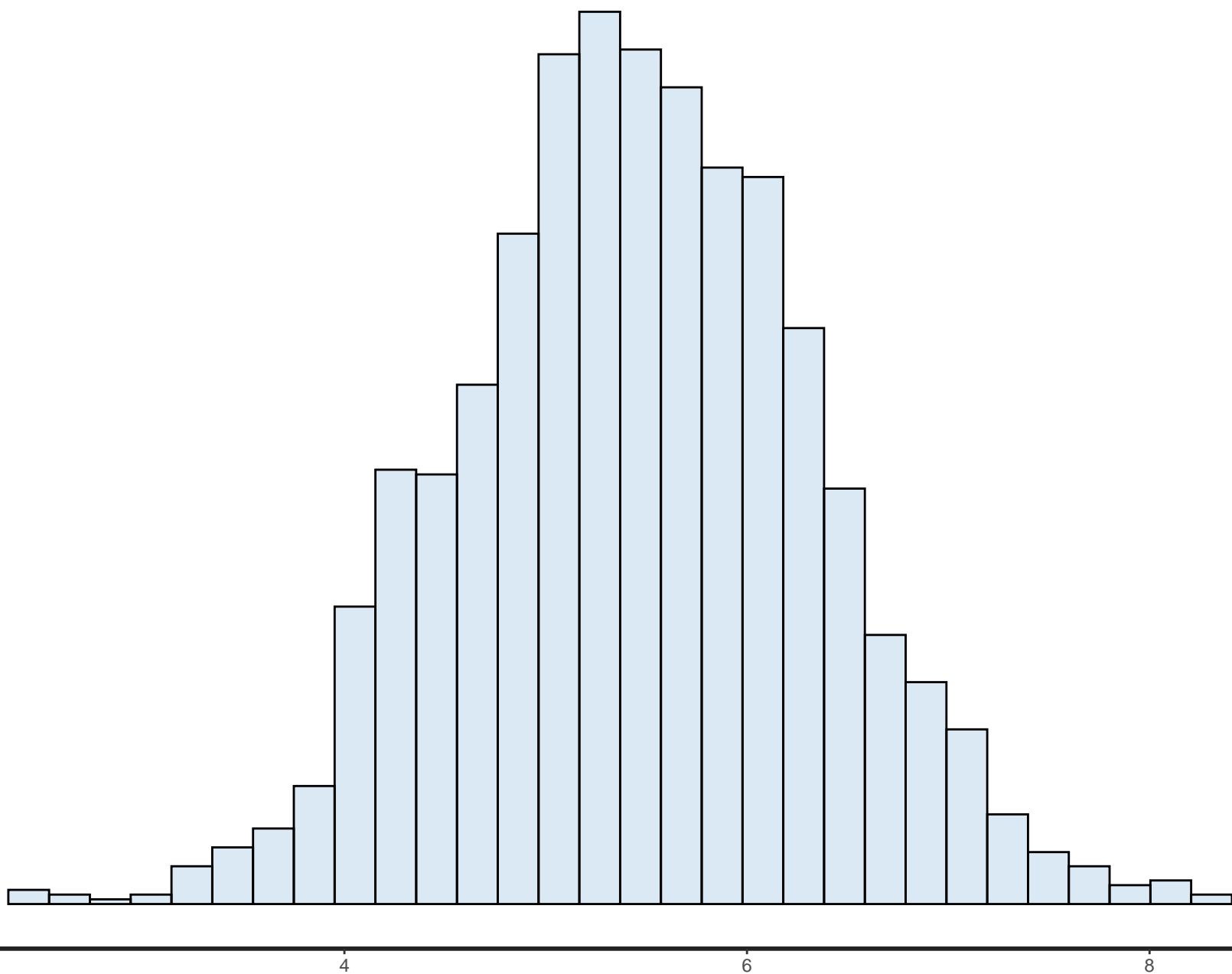
5% 10% 25% 50% 75% 90% 95%  
1.05 1.07 1.09 1.12 1.15 1.17 1.19

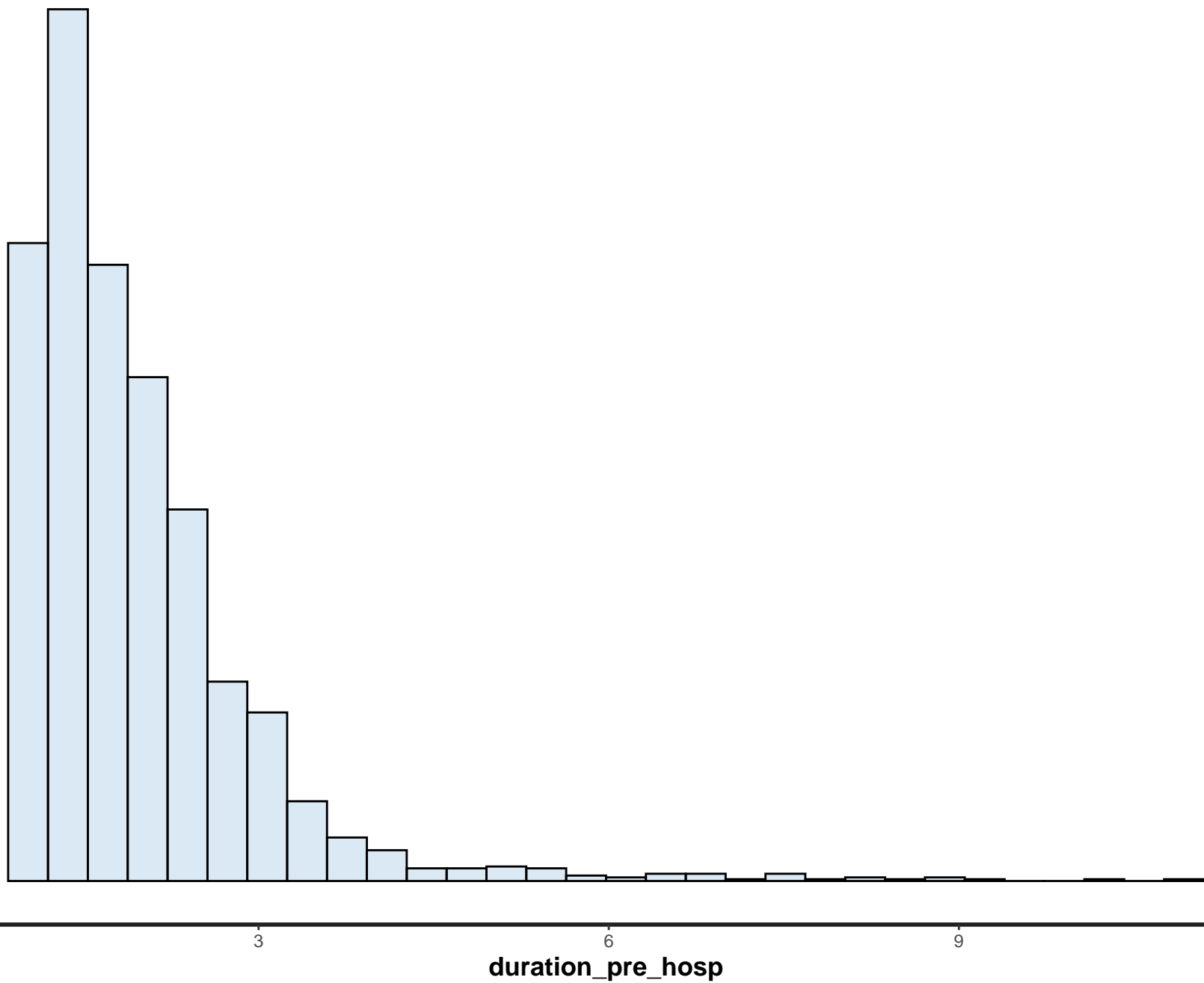


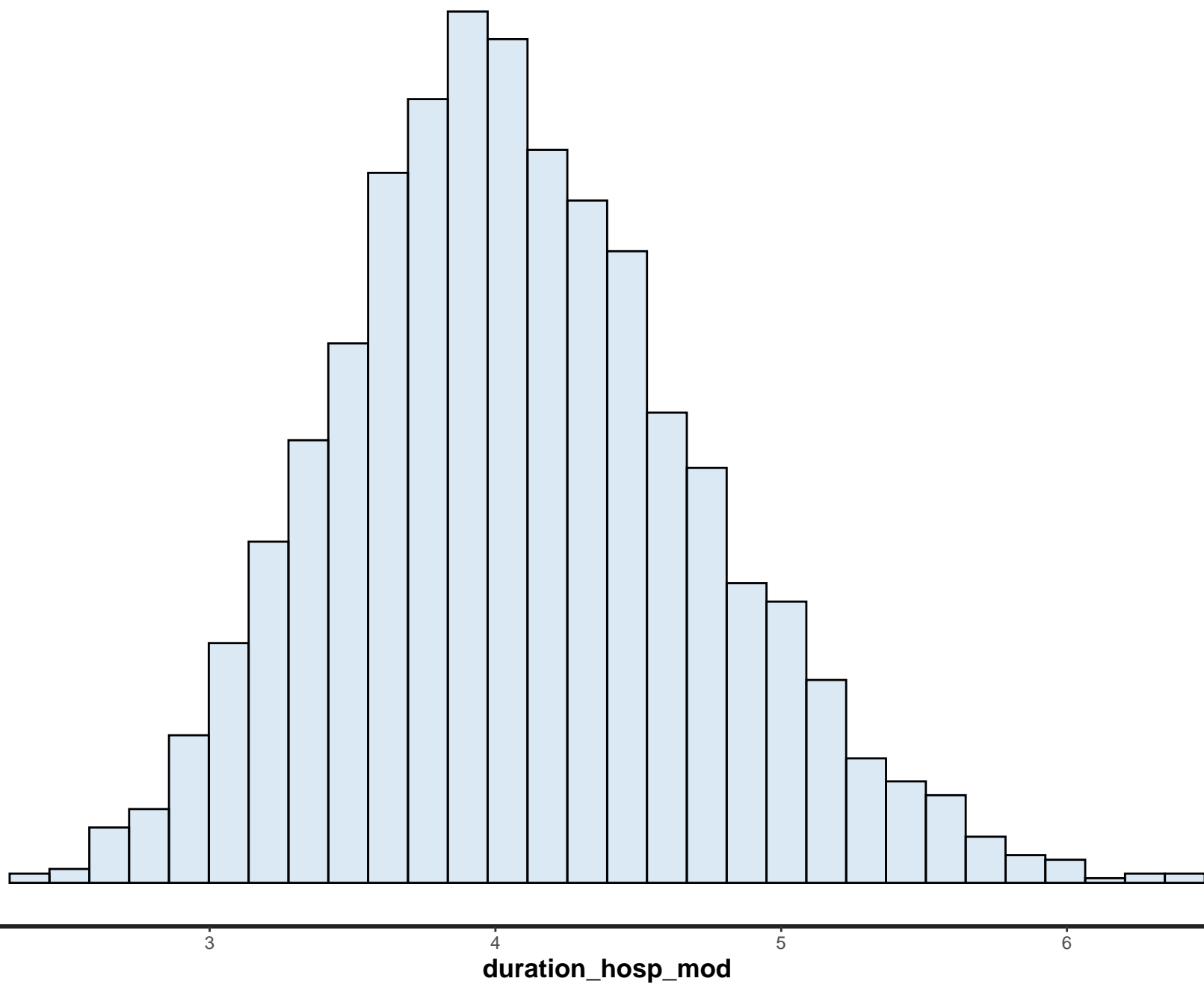


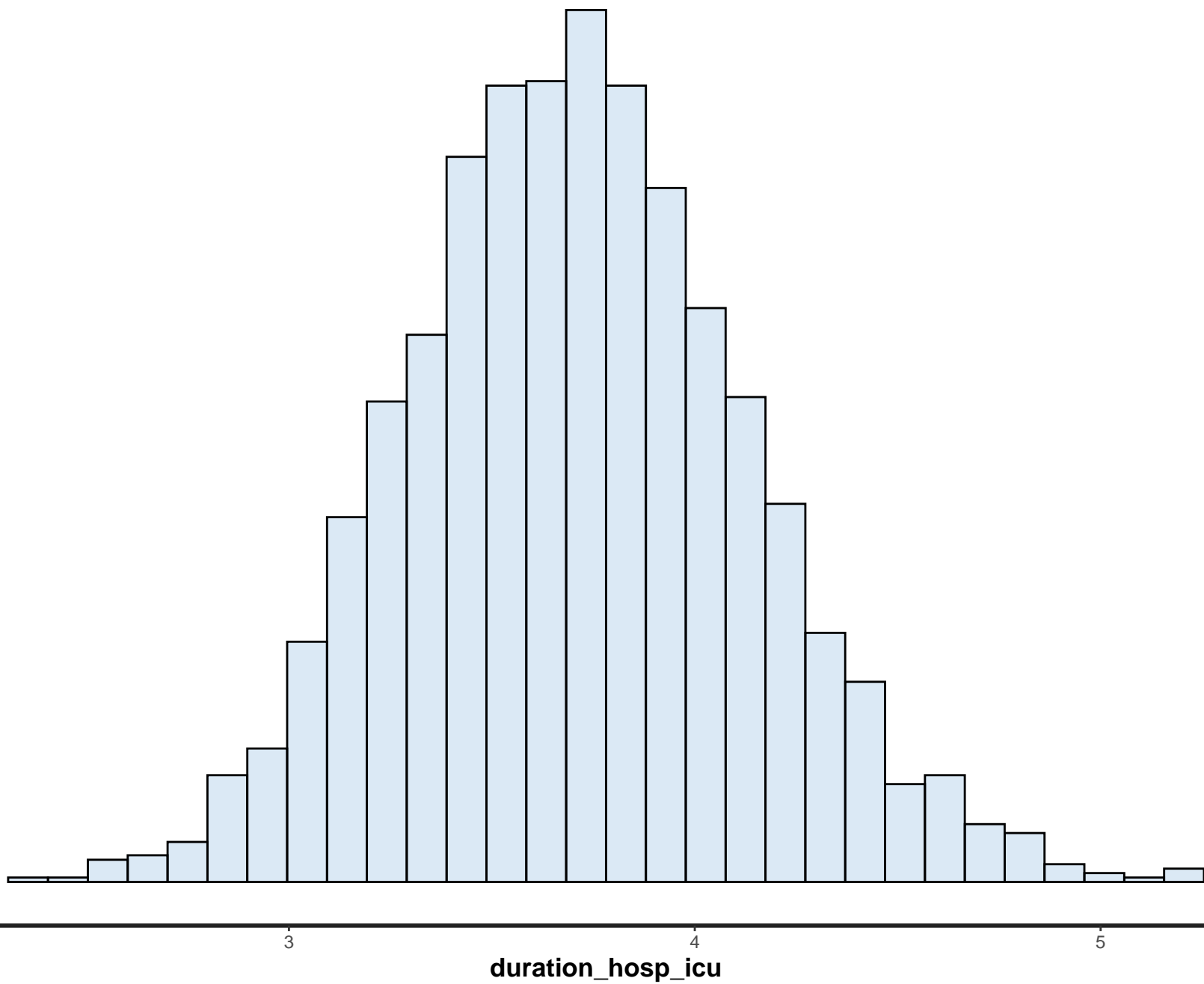


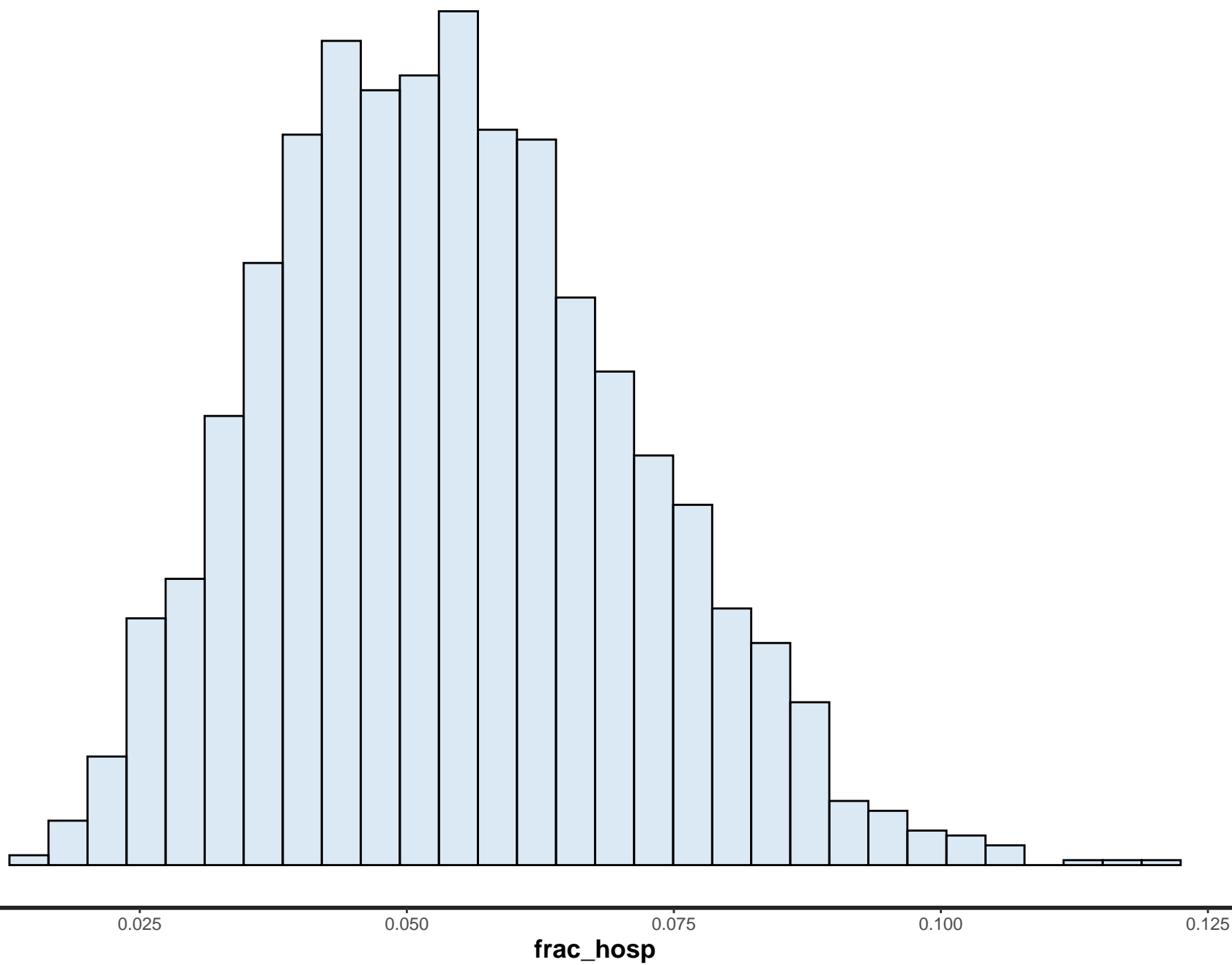


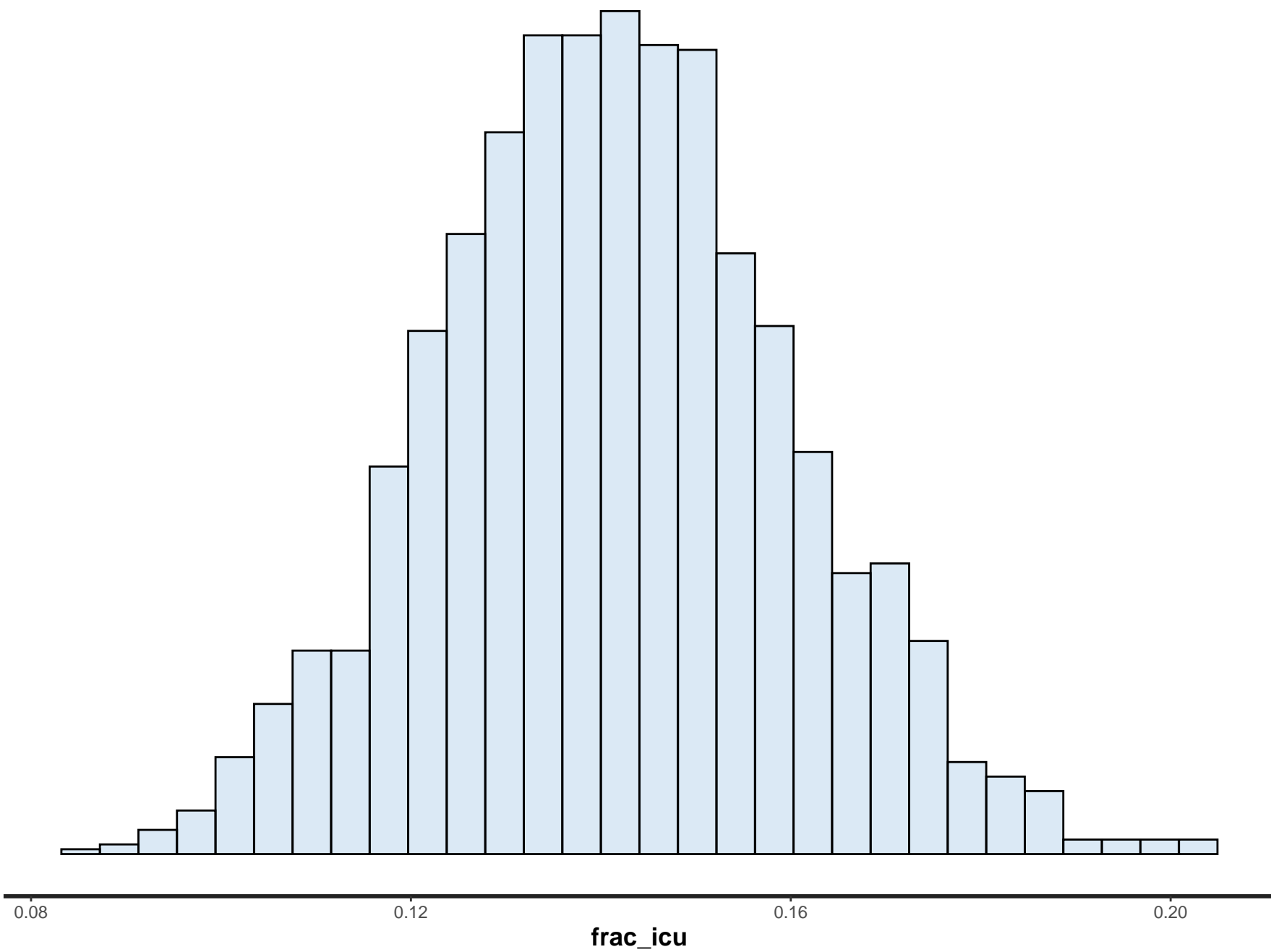




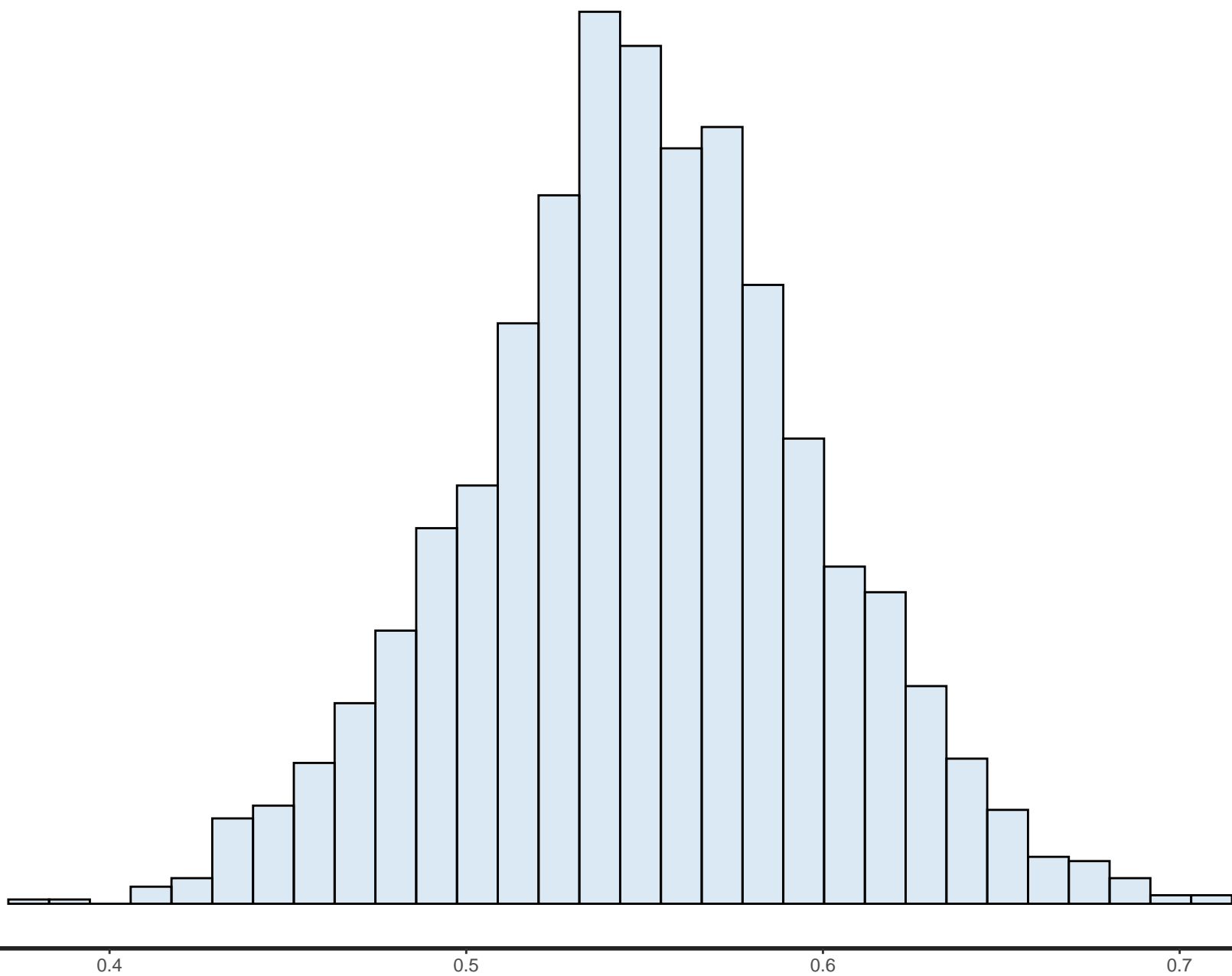


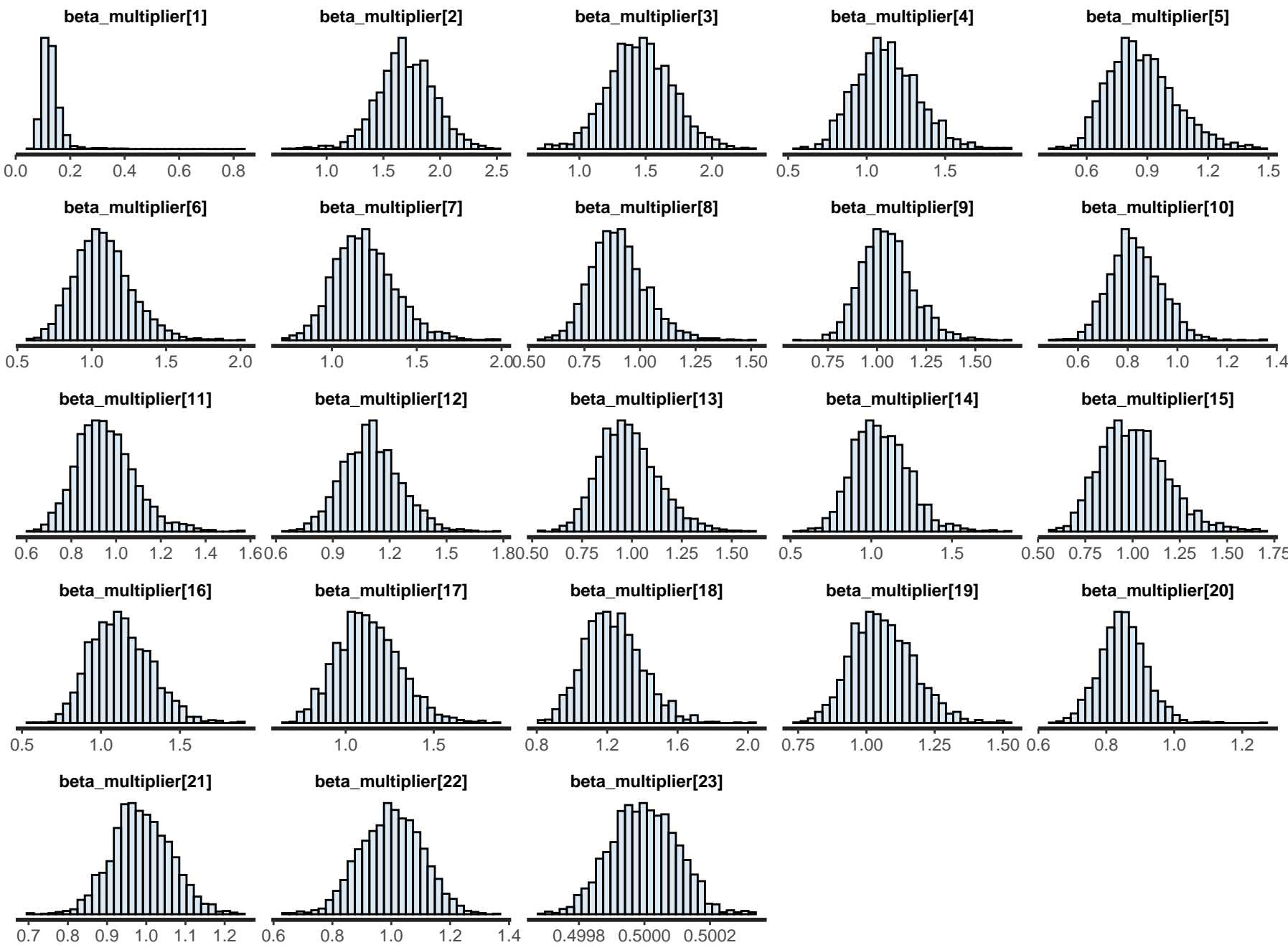


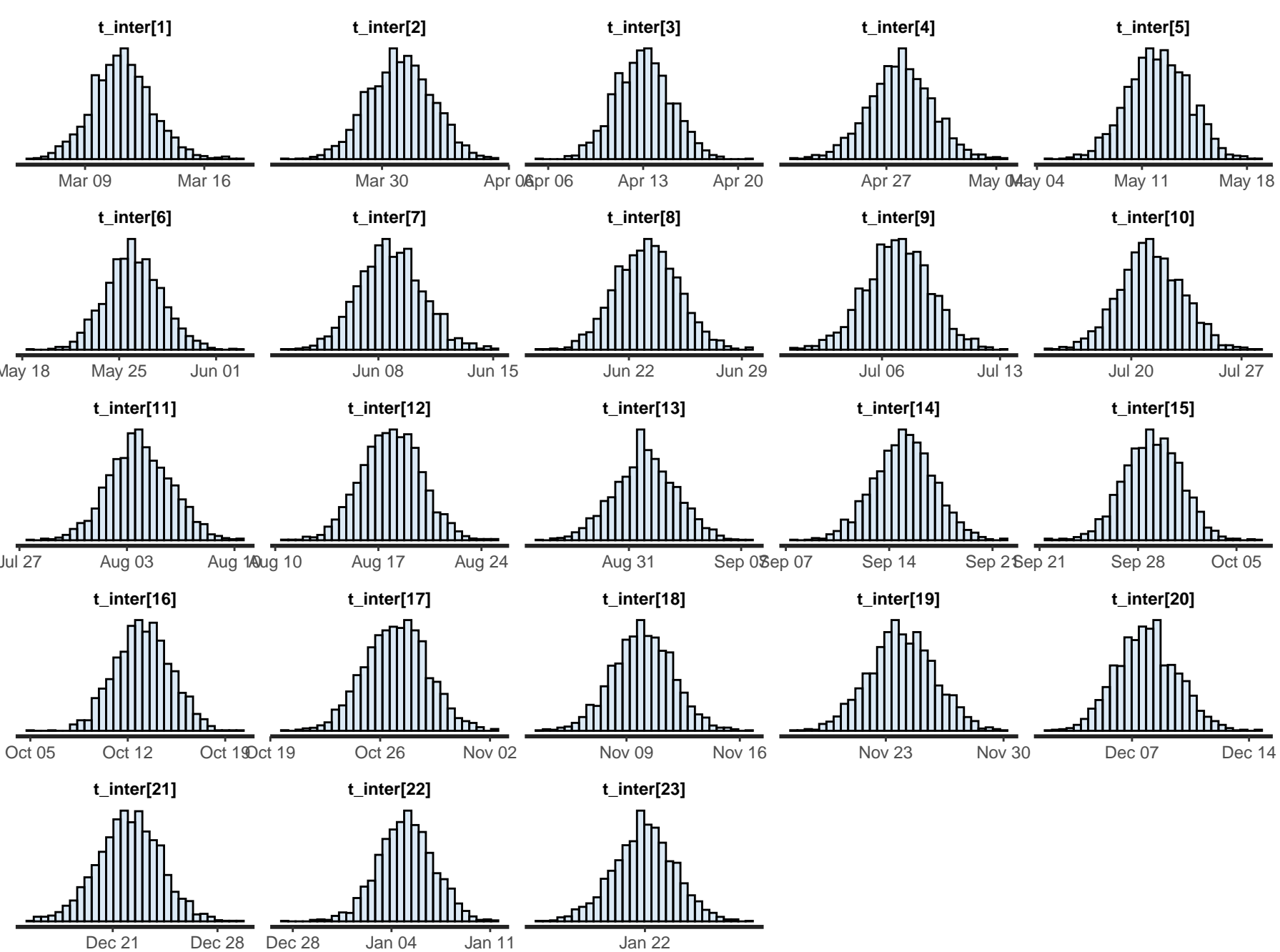


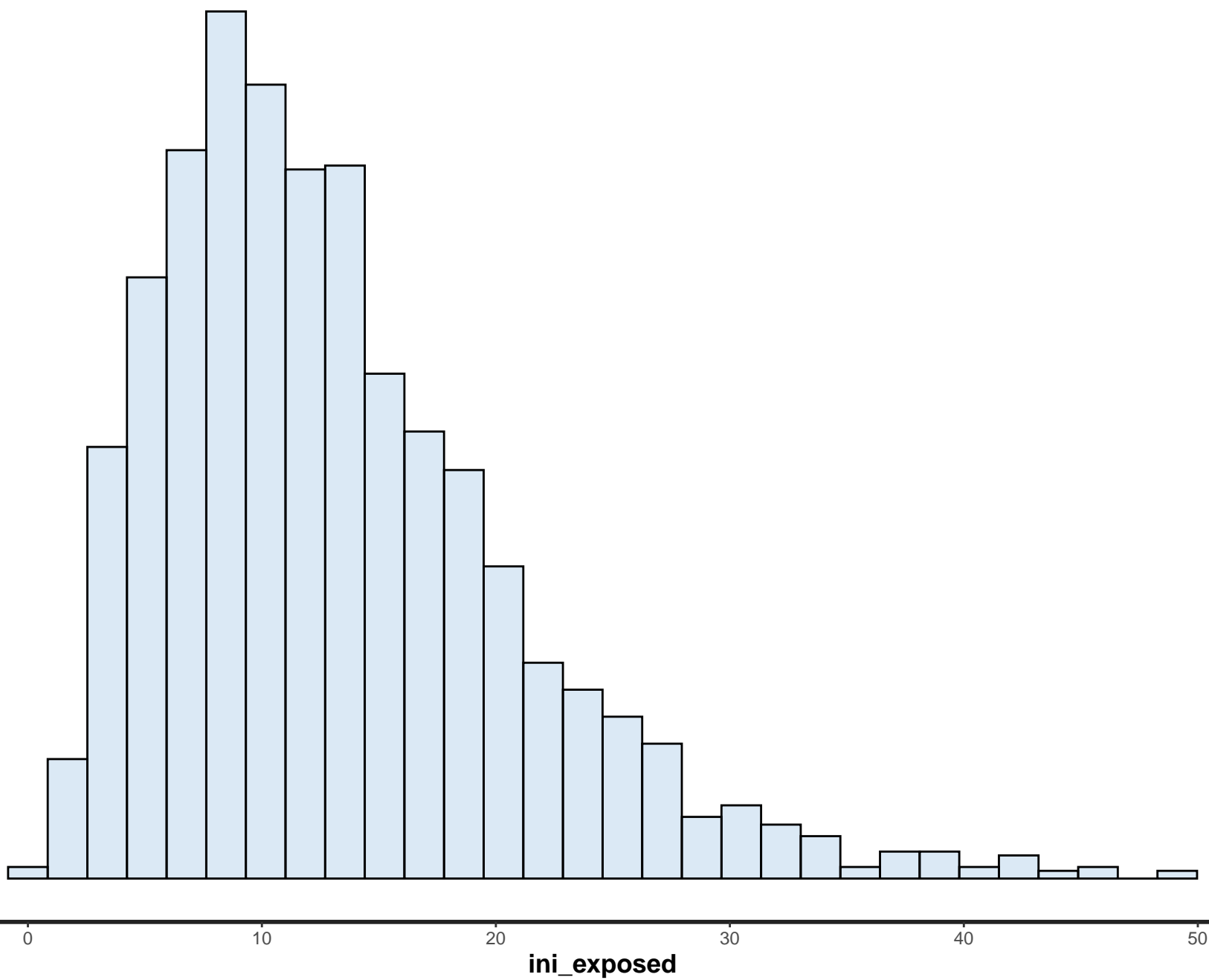




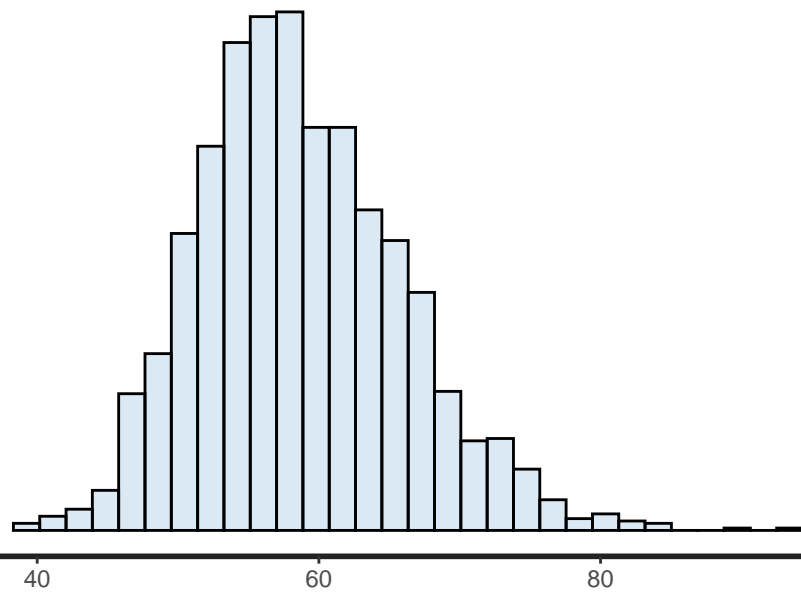




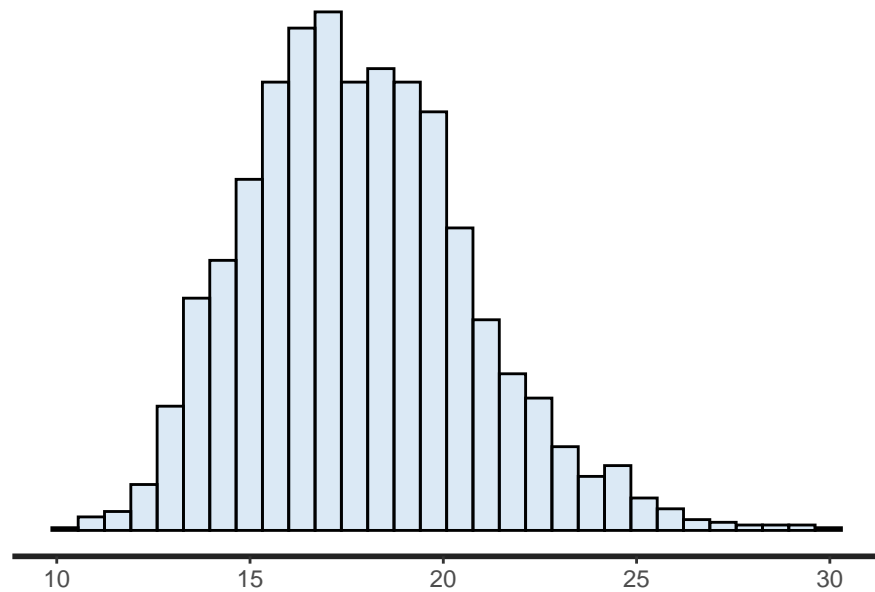




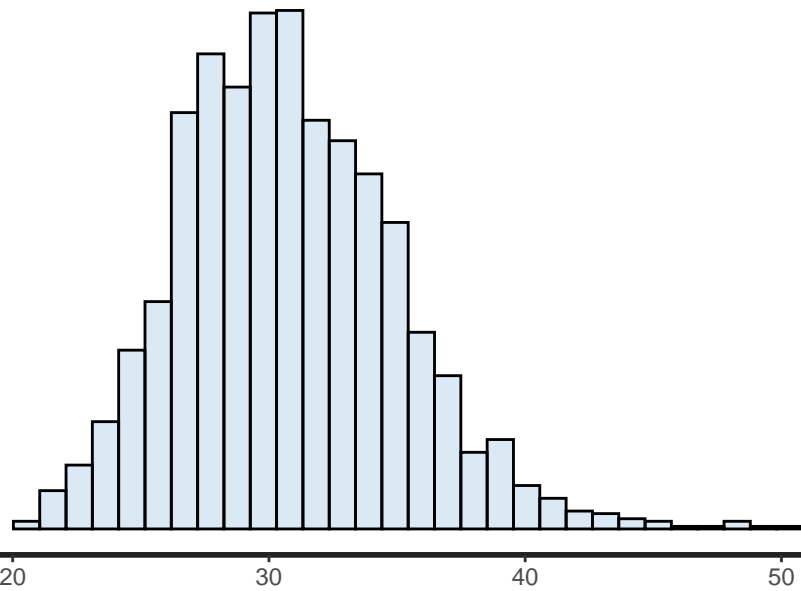
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

