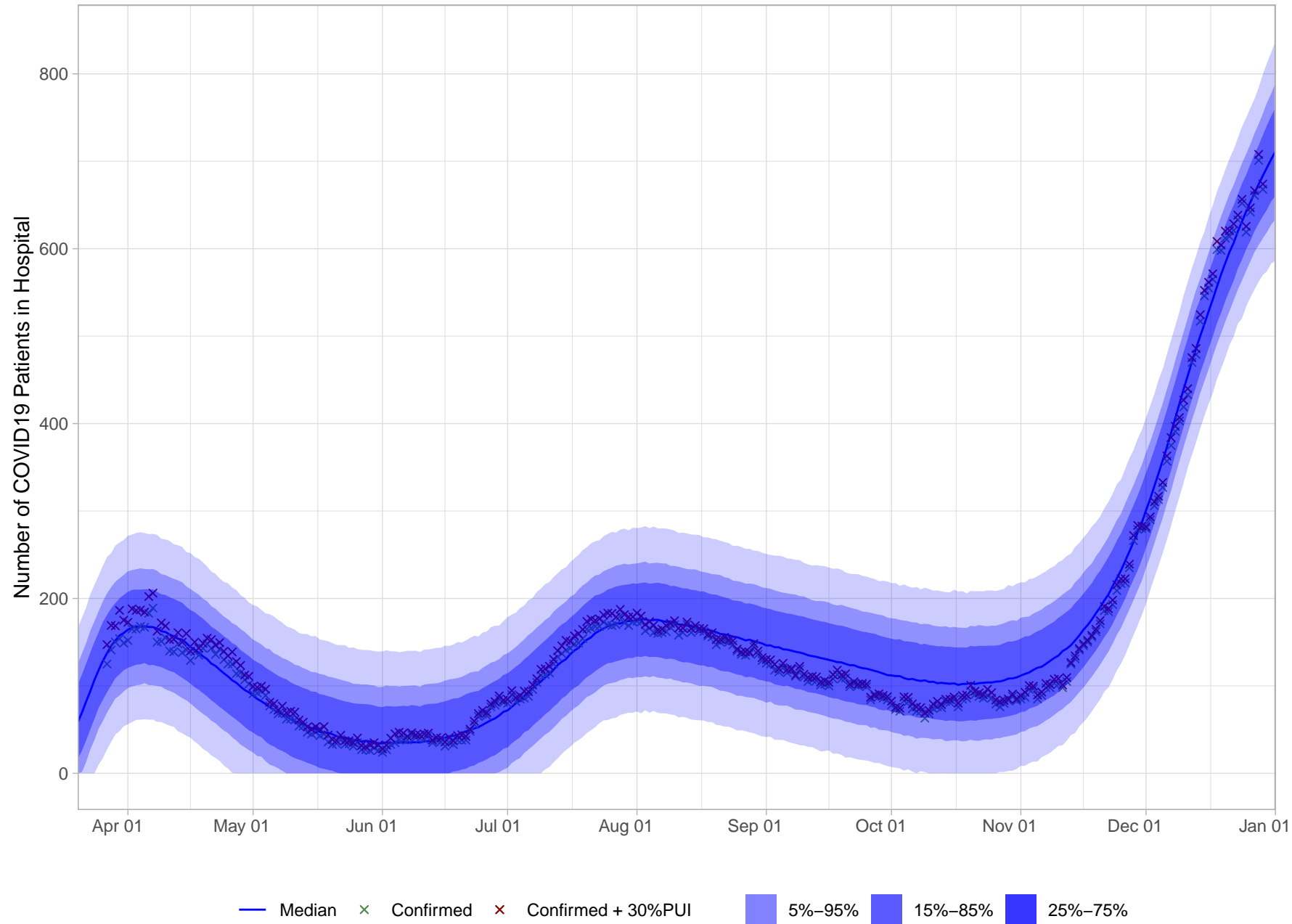
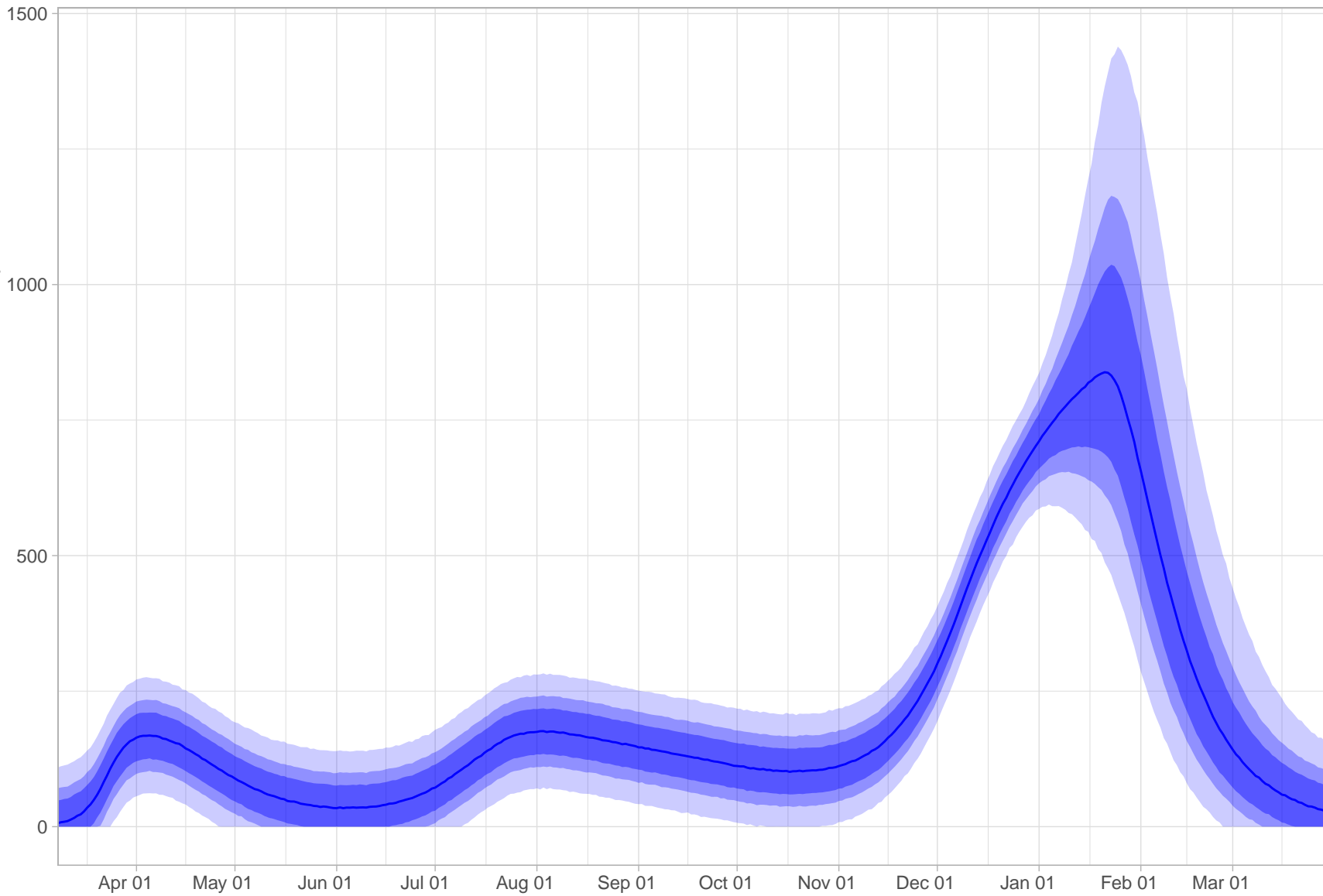


# Short Term Hospitalization Projection



# Long Term Hospitalization Projection

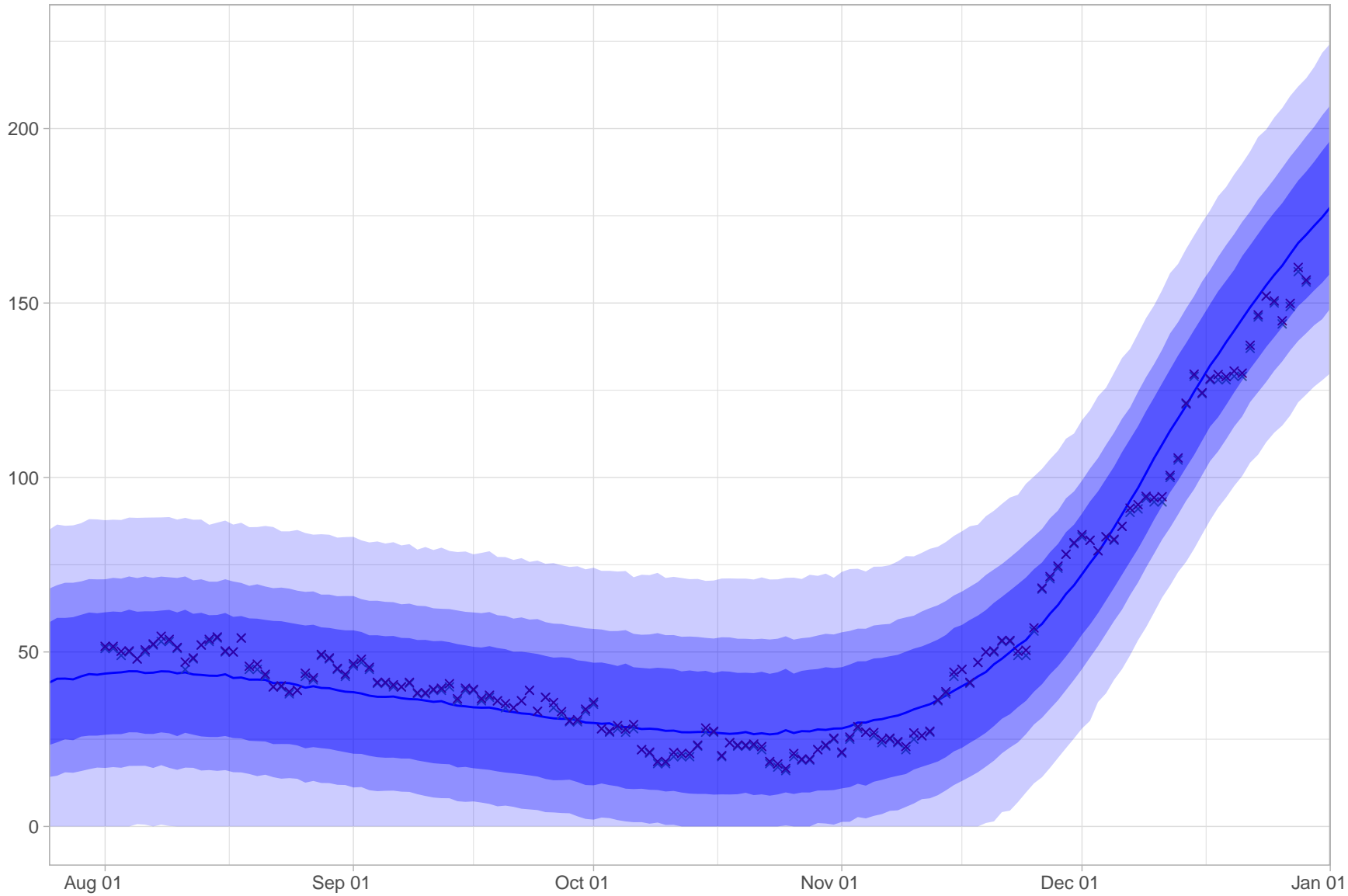
Number of COVID19 Patients in Hospital



— Median    5%-95%    15%-85%    25%-75%

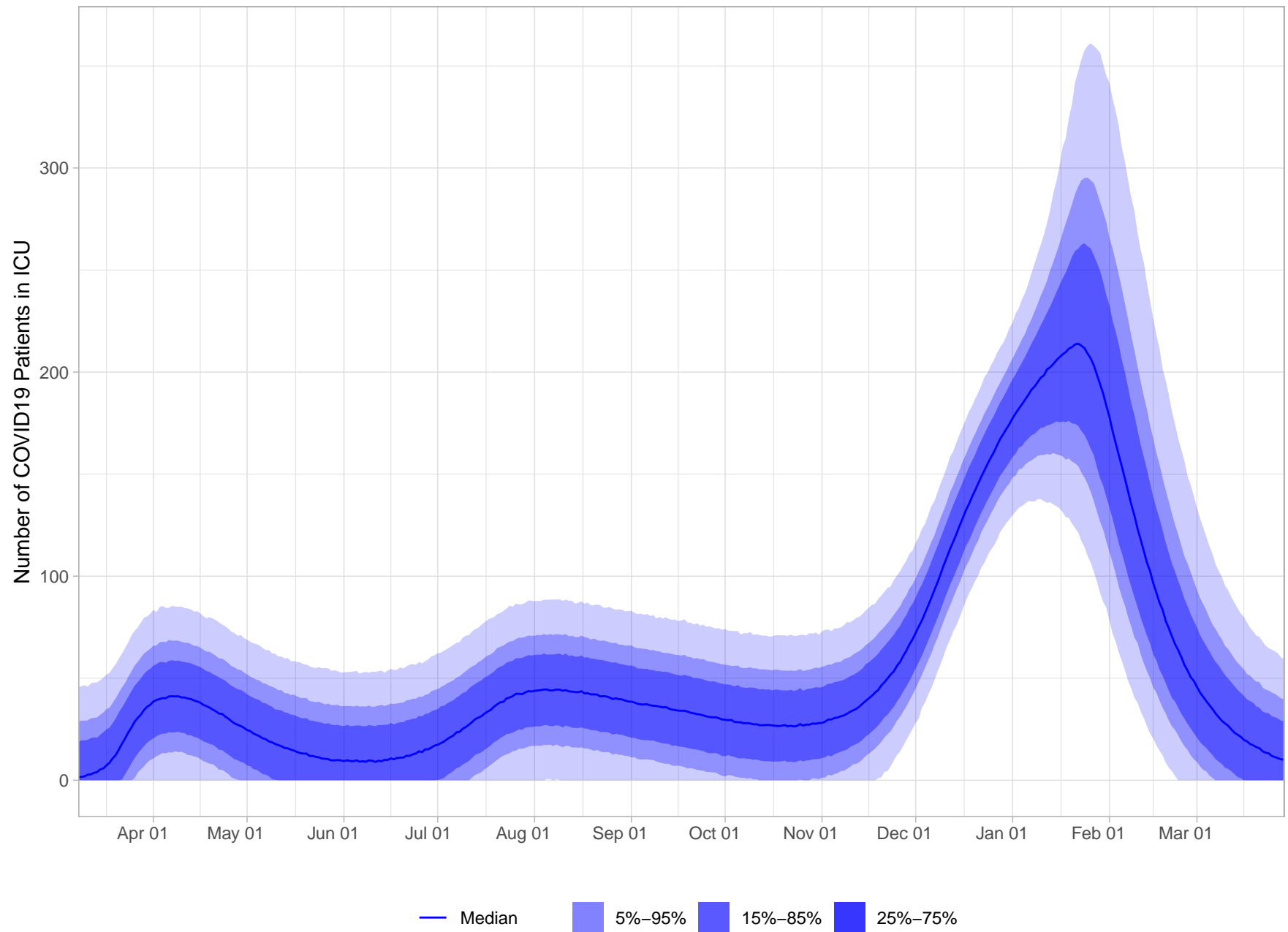
# Short Term ICU Projection

Number of COVID19 Patients in ICU

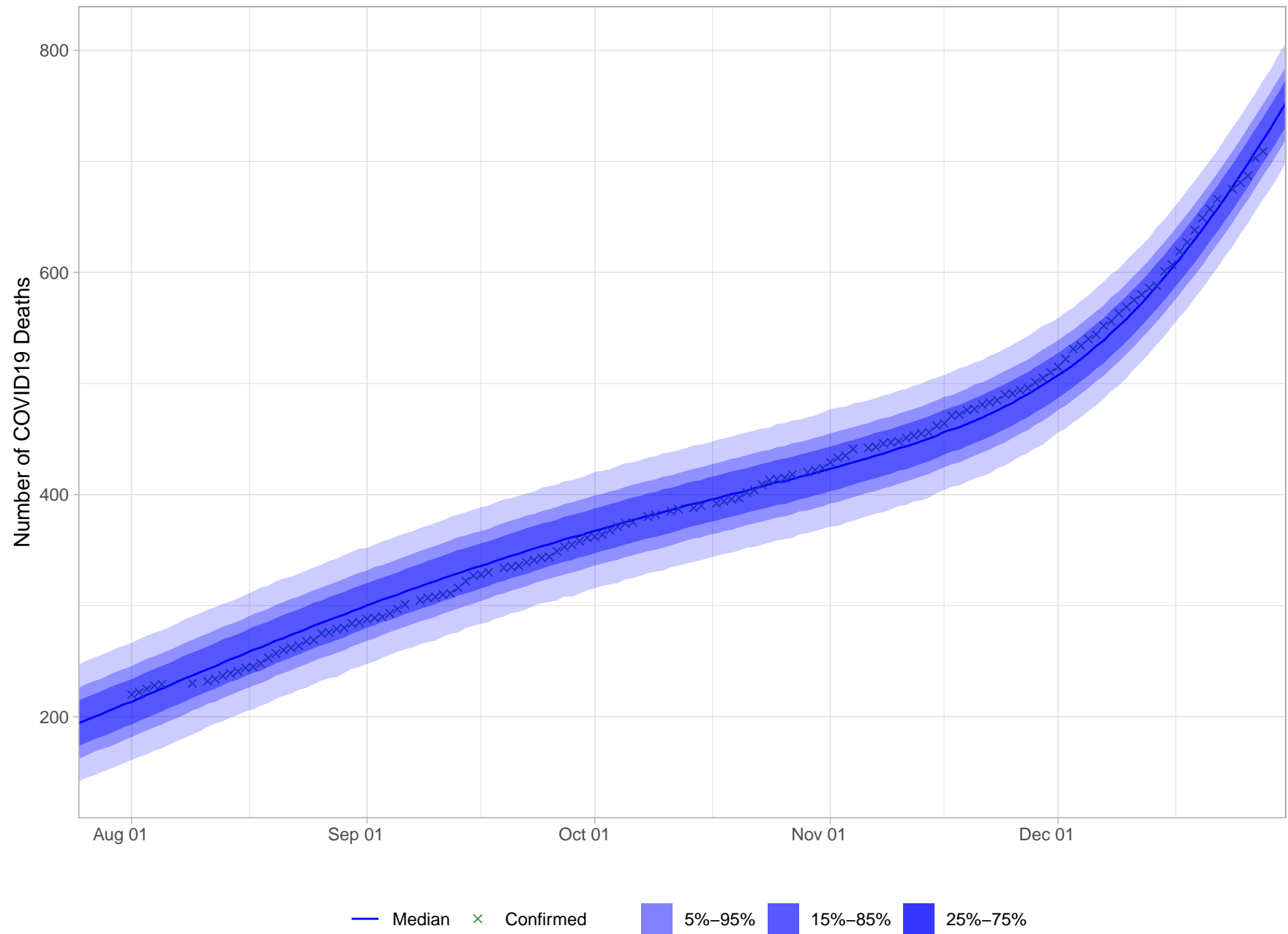


— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection

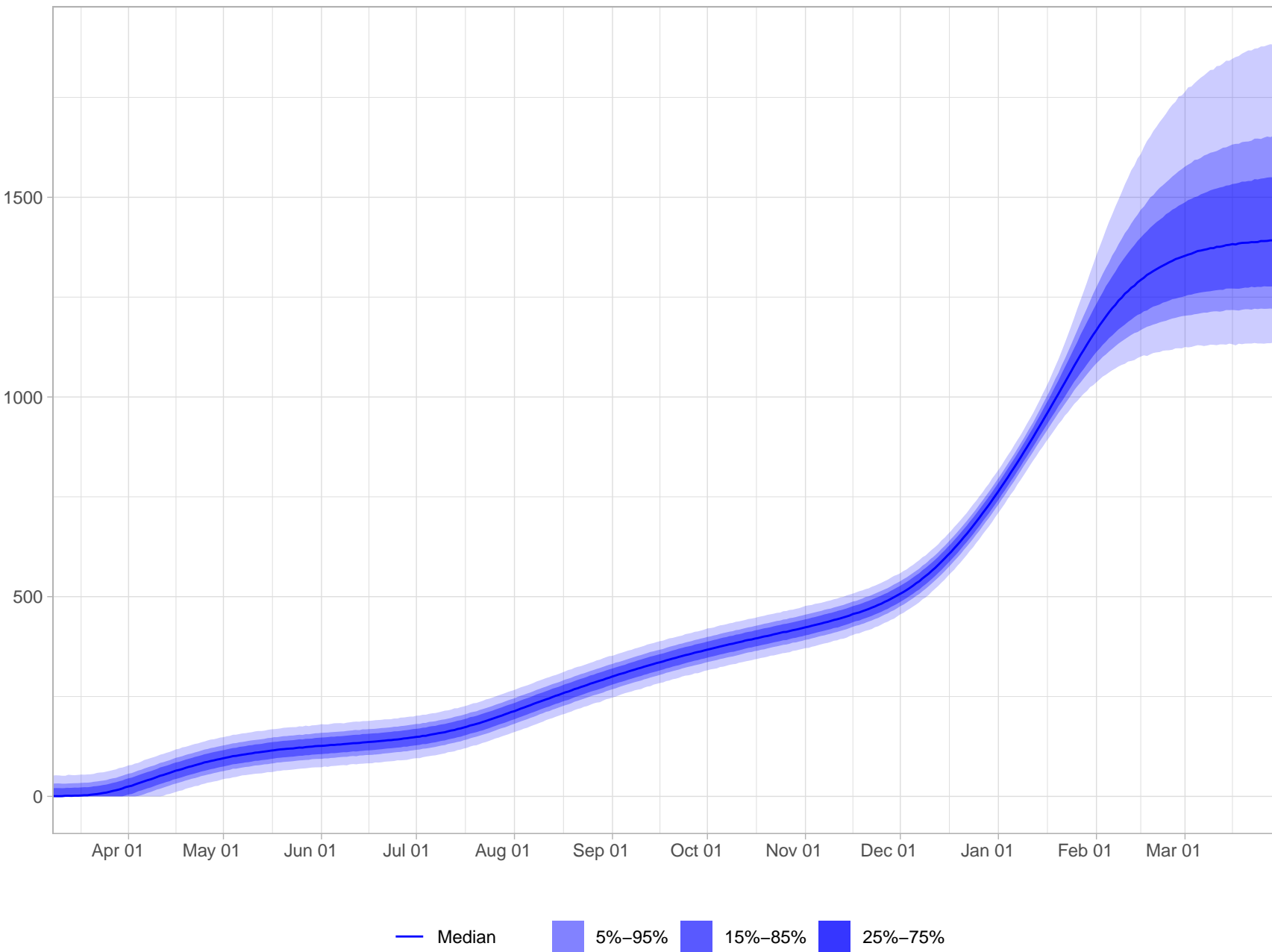


# Short Term Death Projection

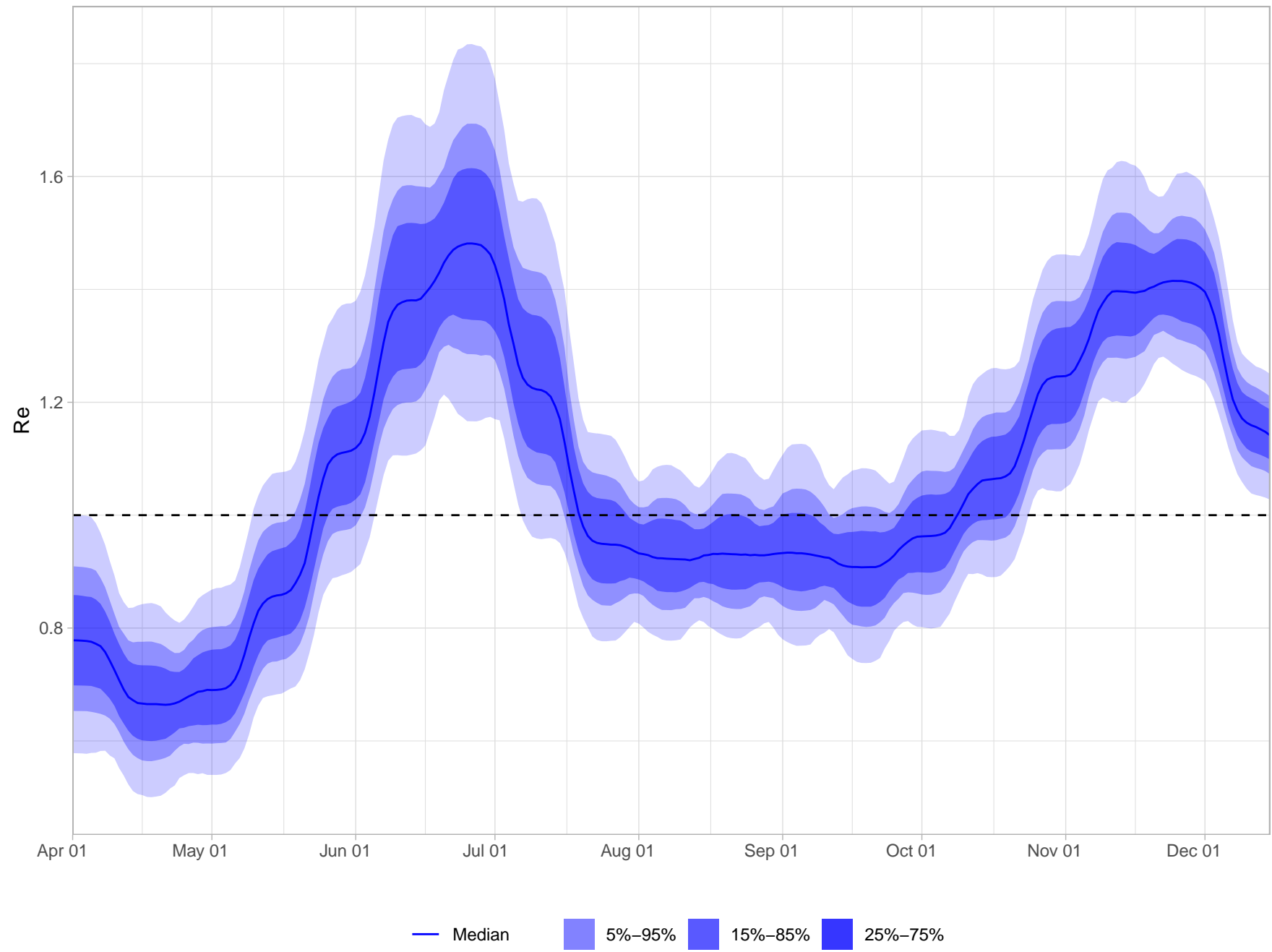


# Long Term Death Projection

Number of COVID19 Deaths

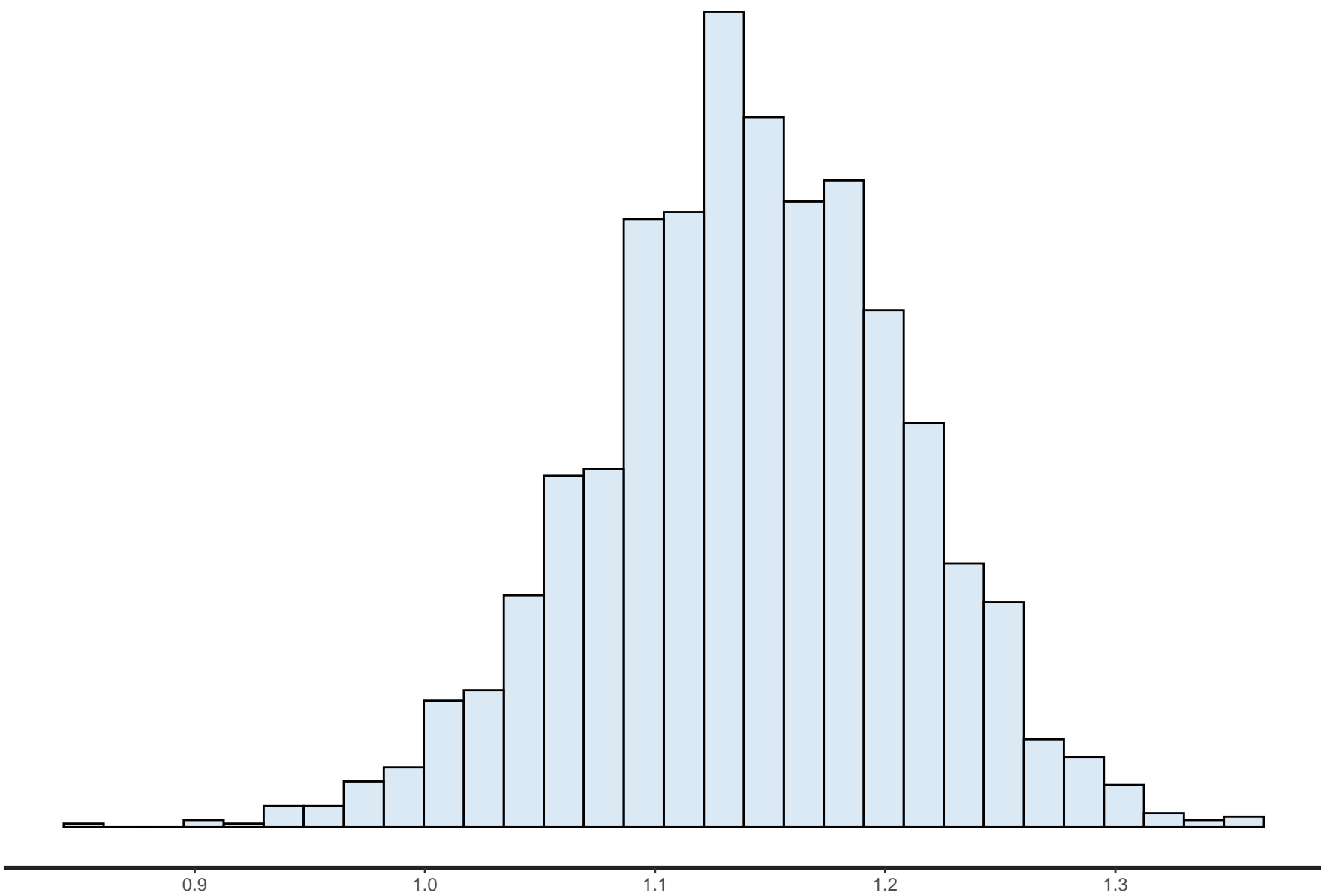


Effective Reproduction Number

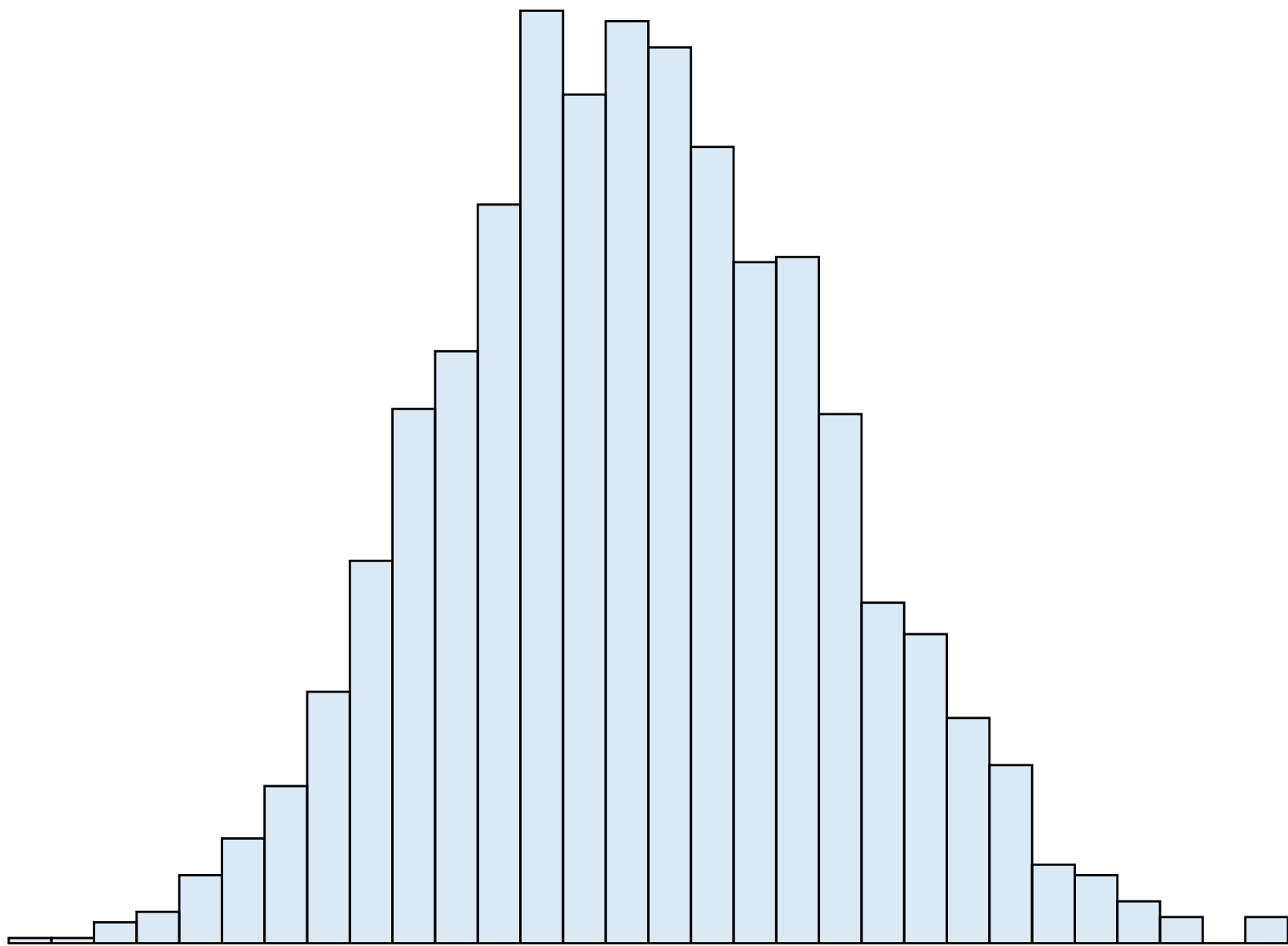


# Rt as of 2020-12-15

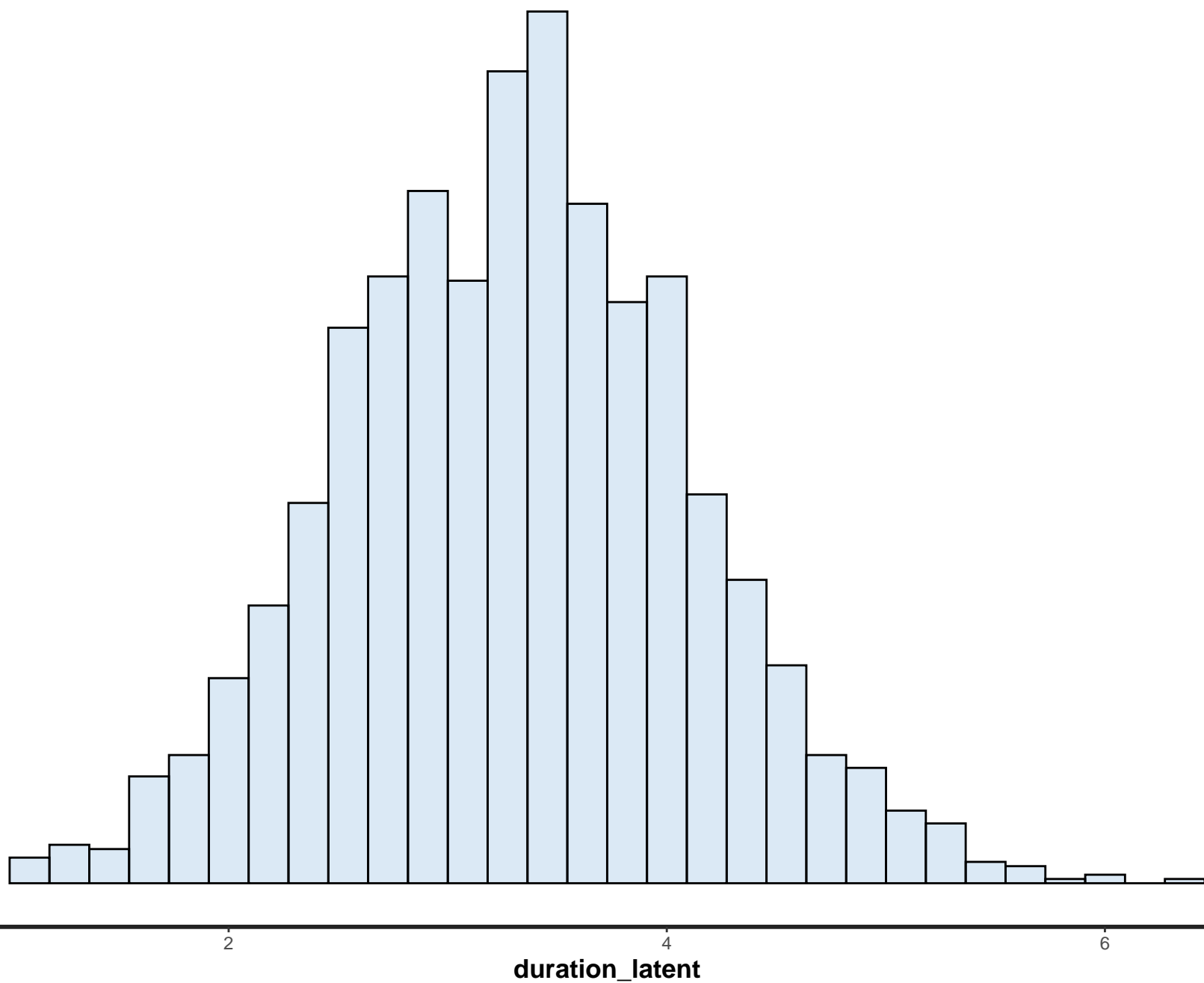
5% 10% 25% 50% 75% 90% 95%  
1.03 1.05 1.10 1.14 1.19 1.23 1.25

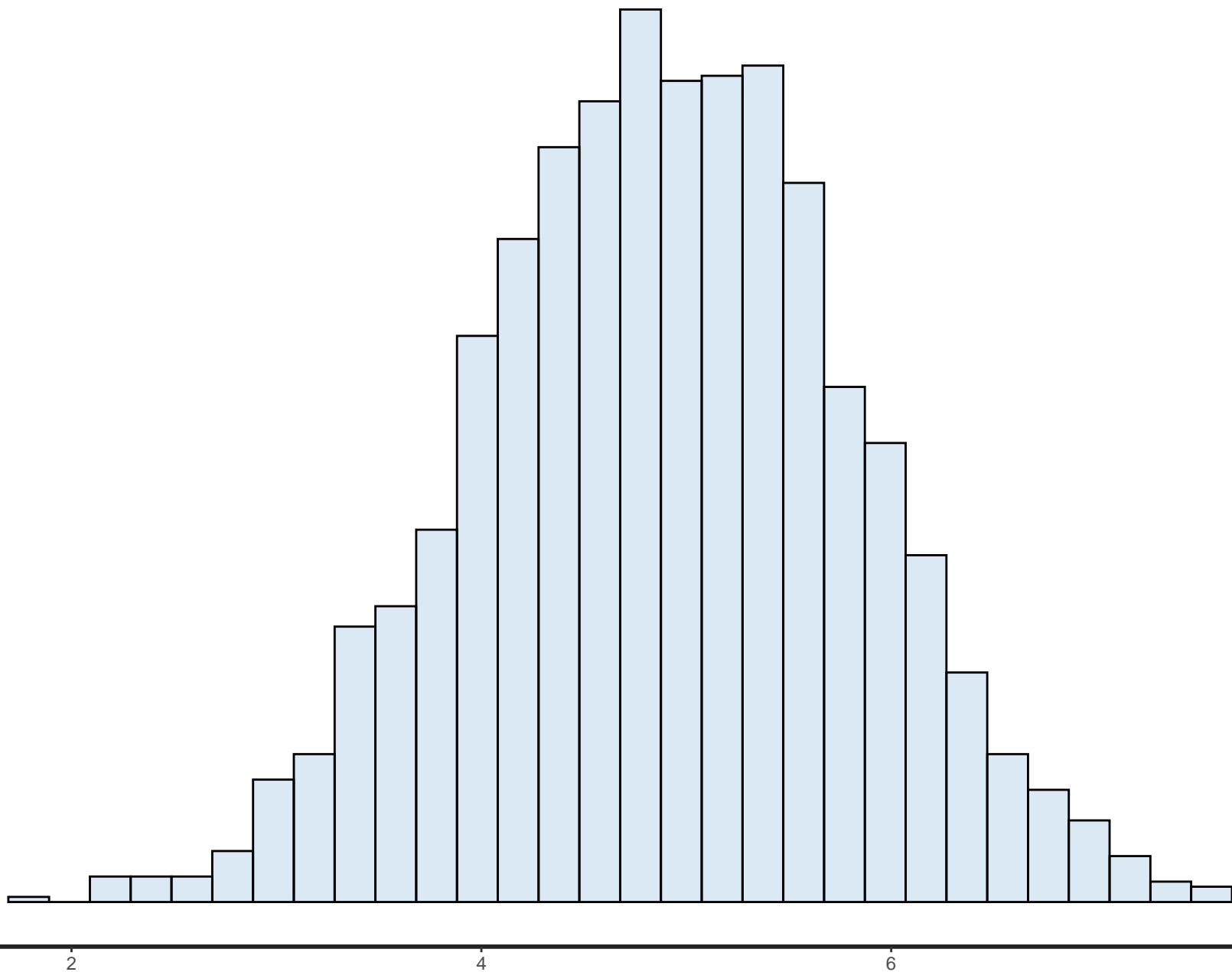


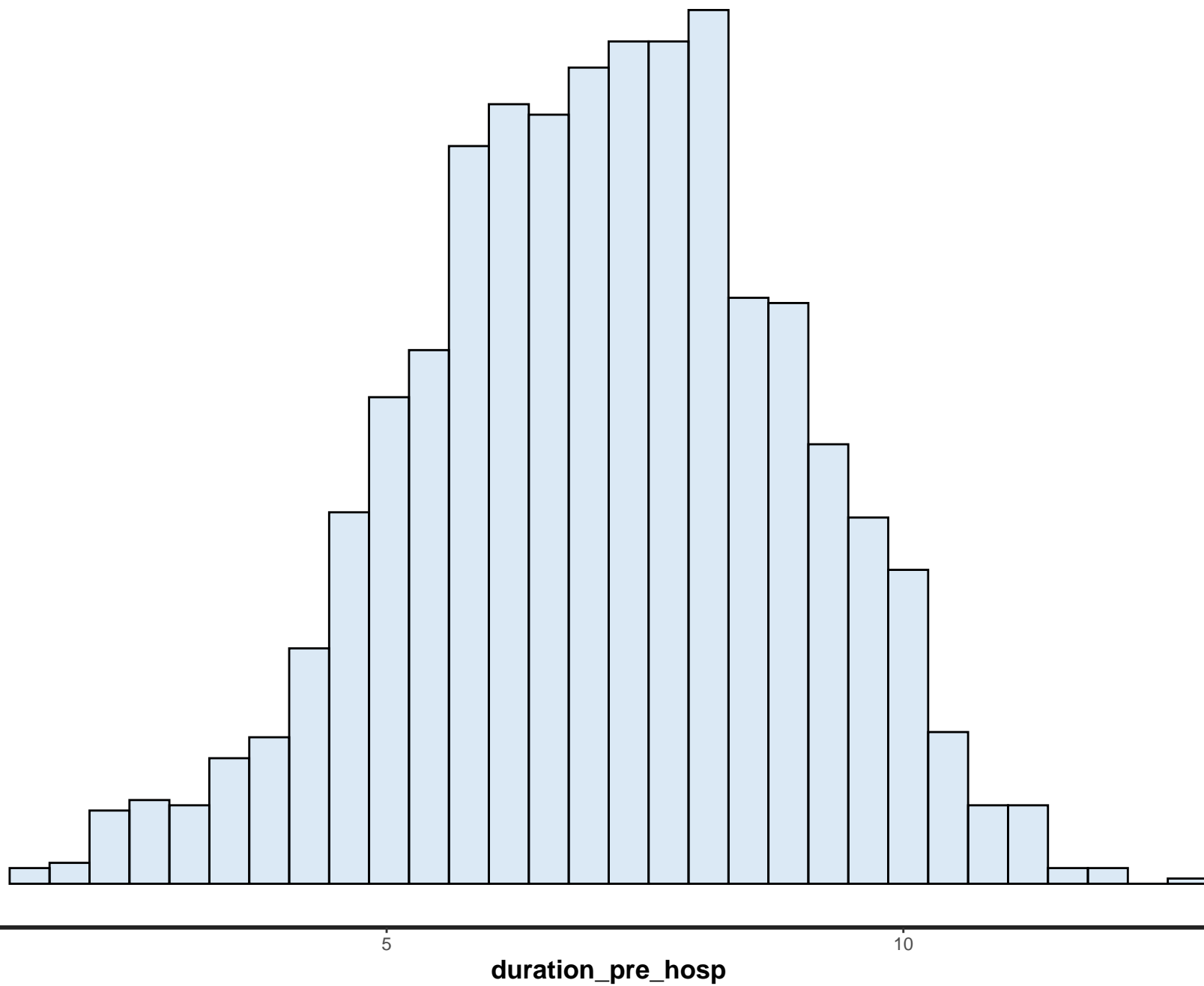


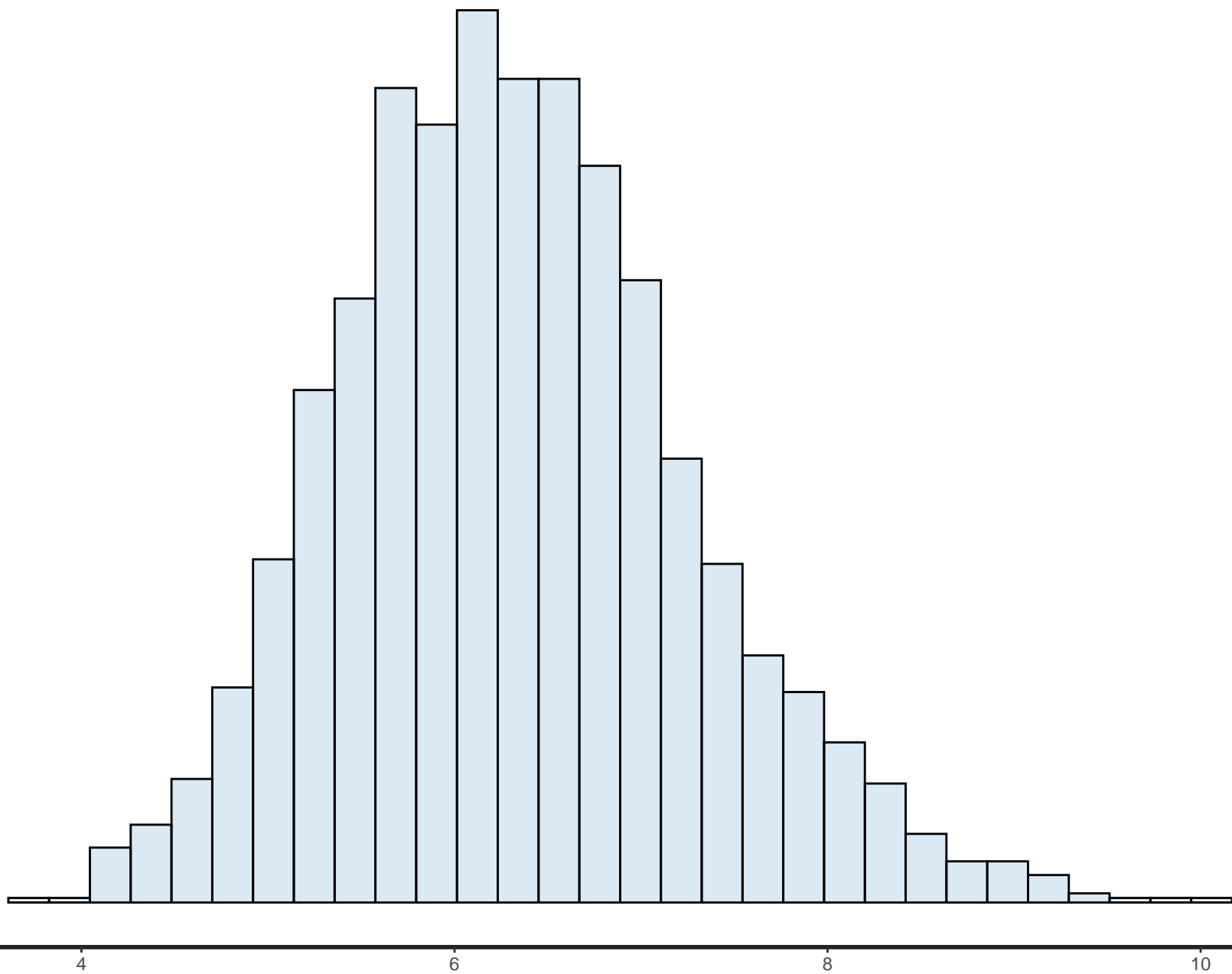


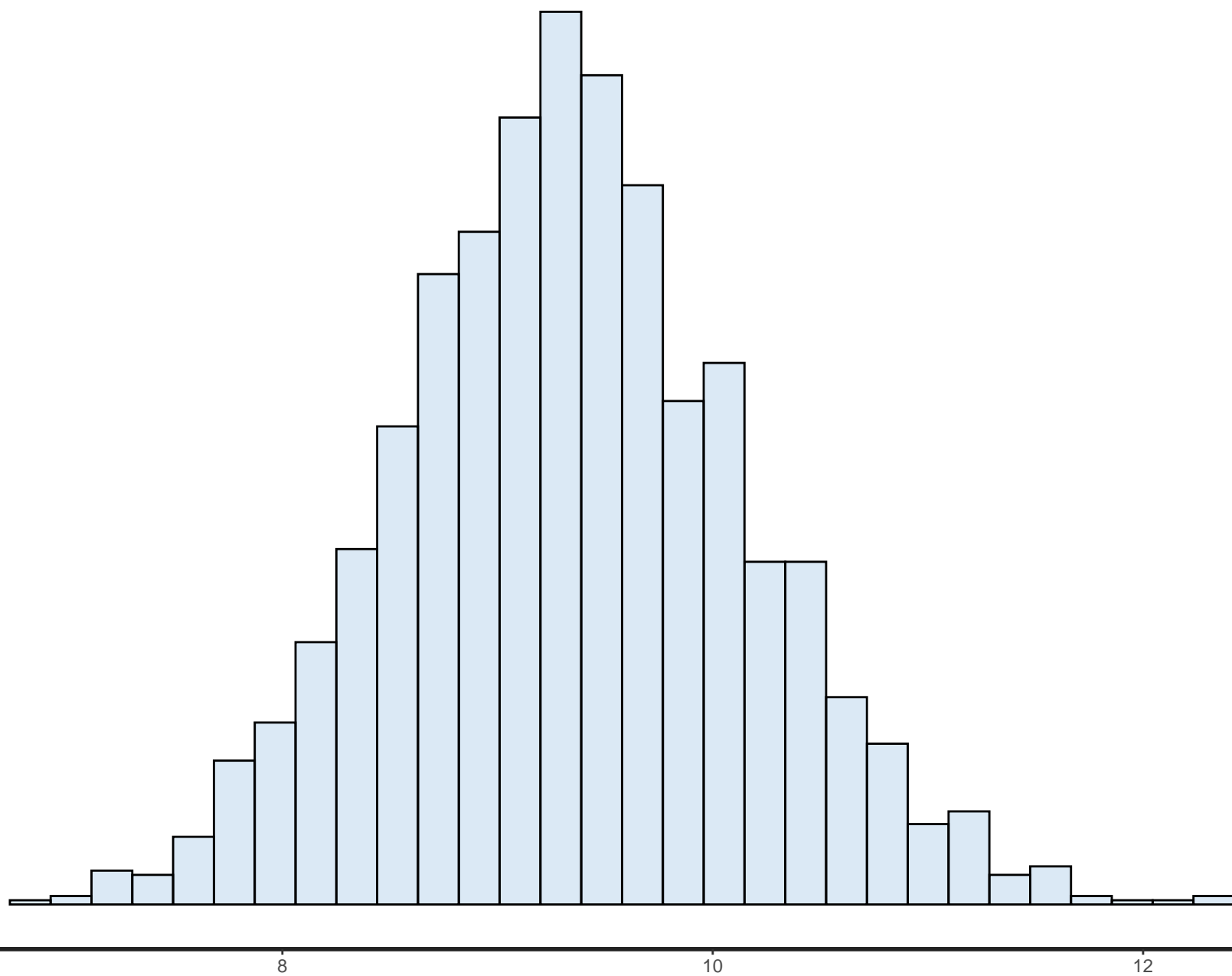
$r_0$

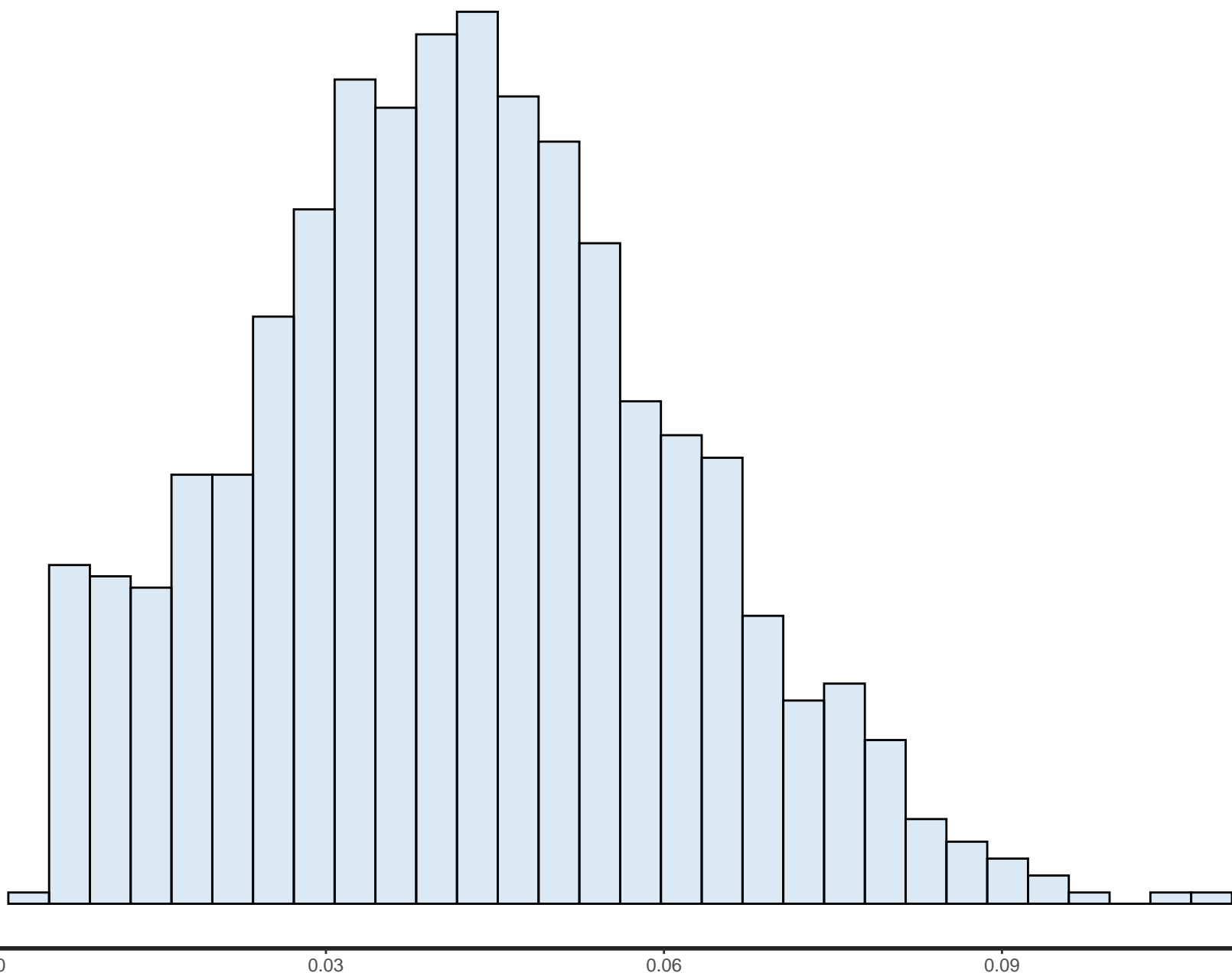


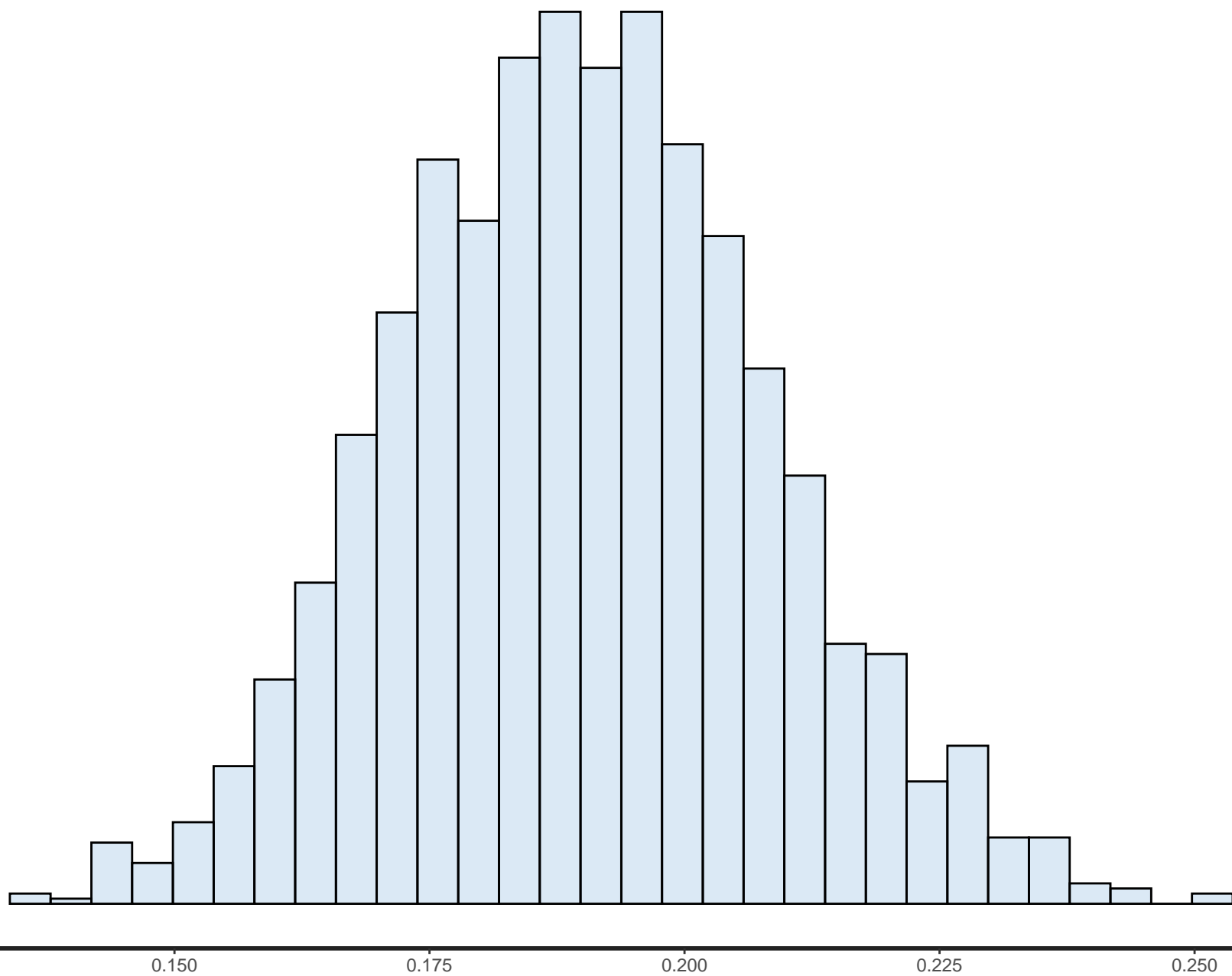




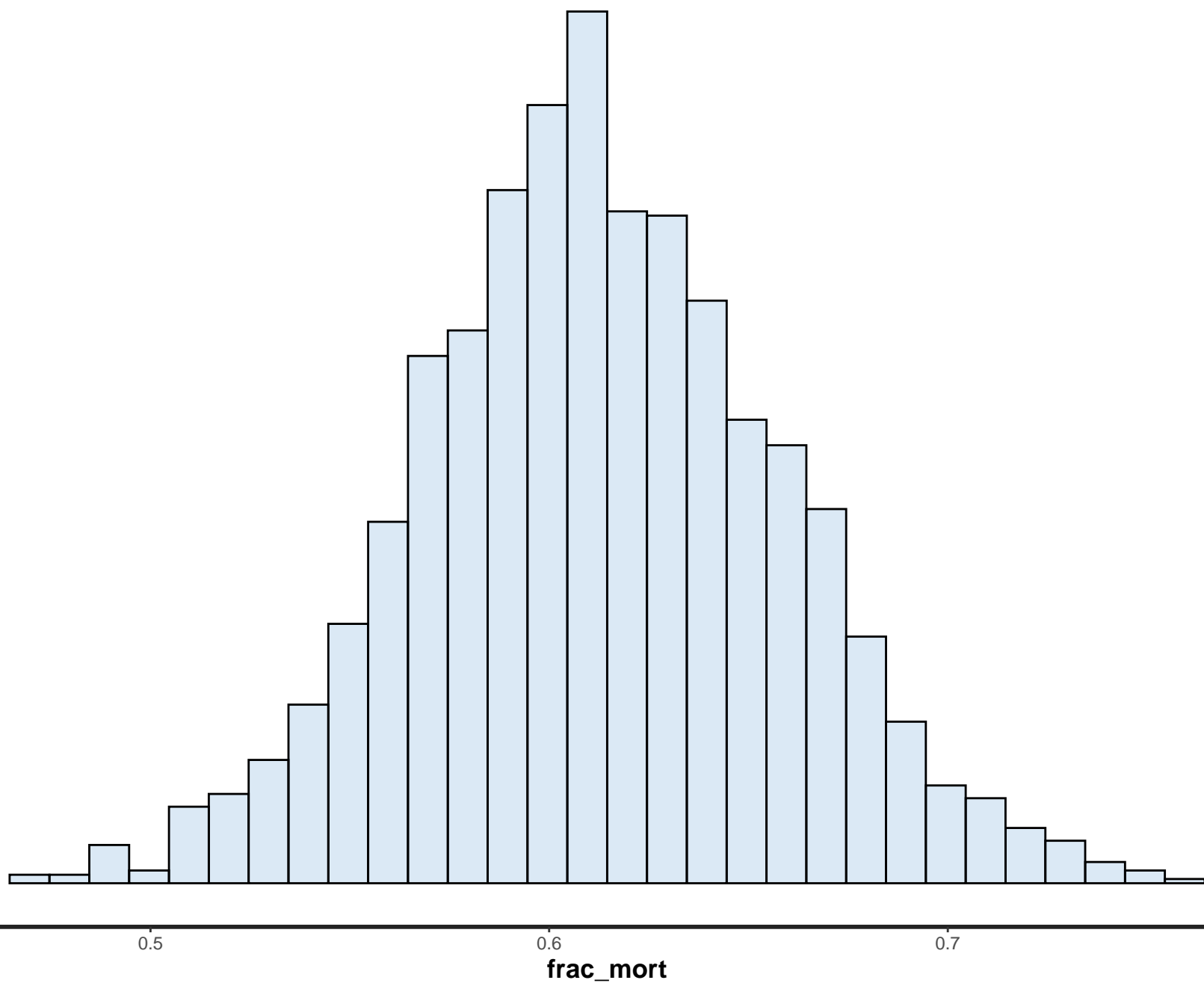


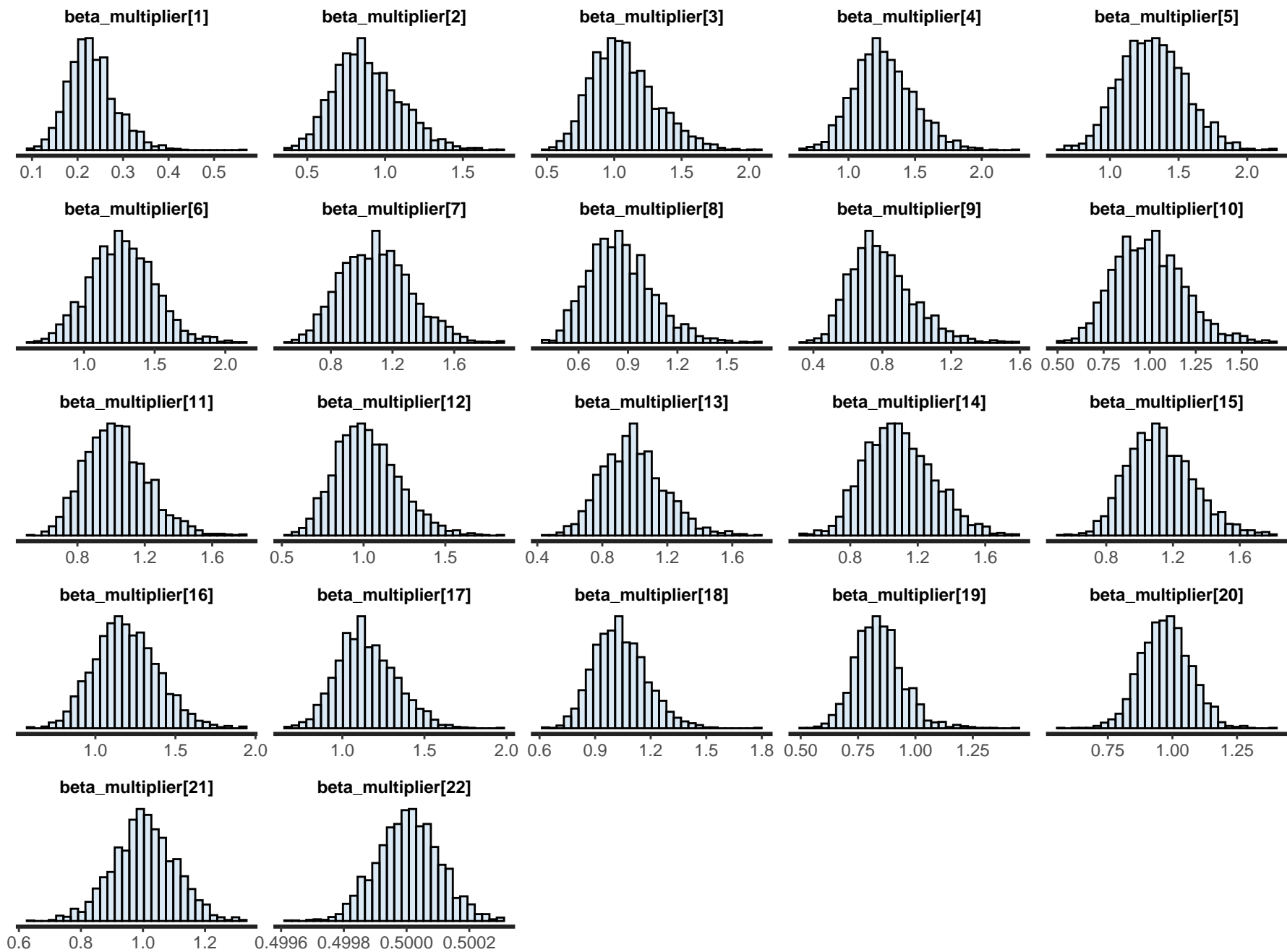


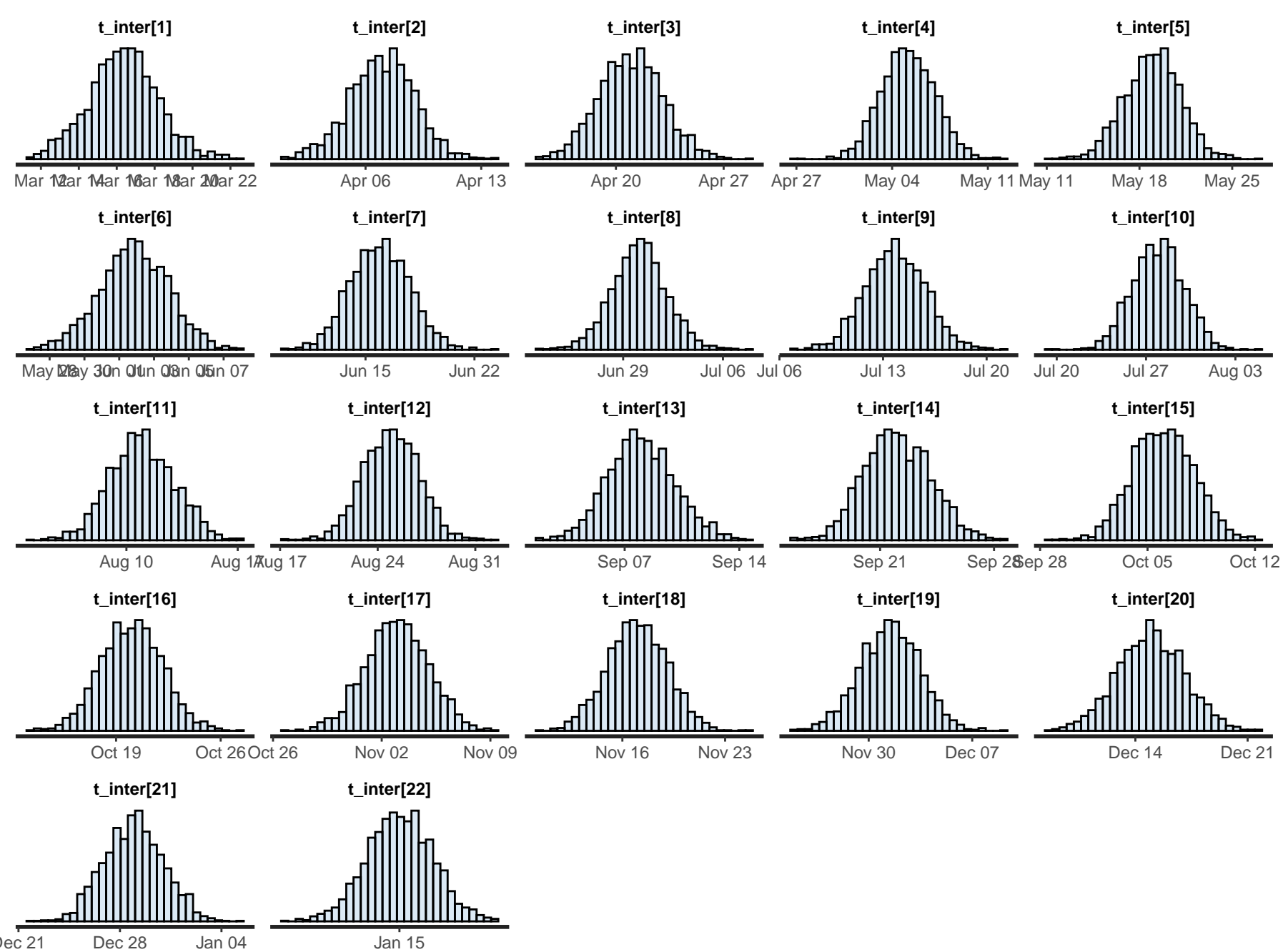


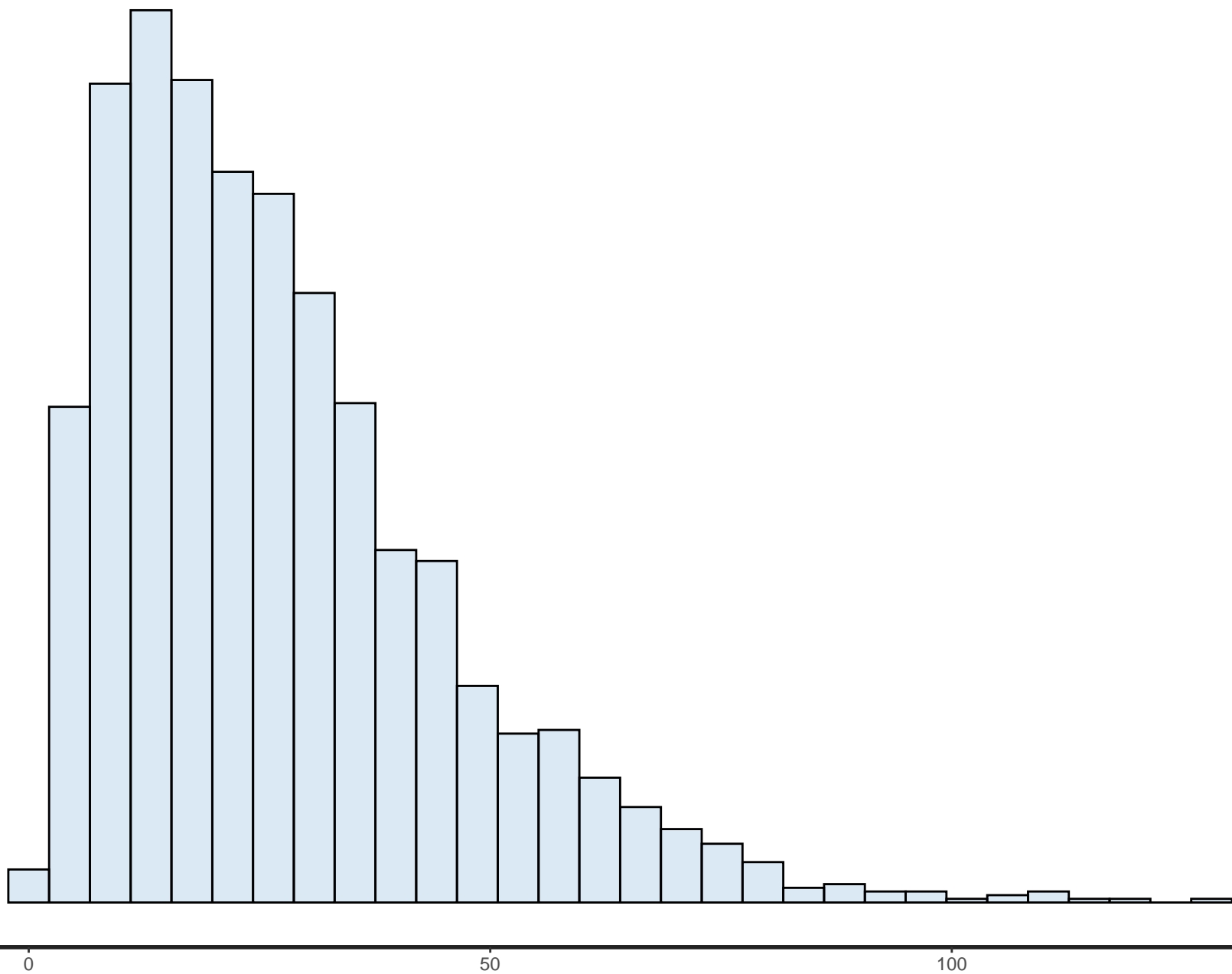




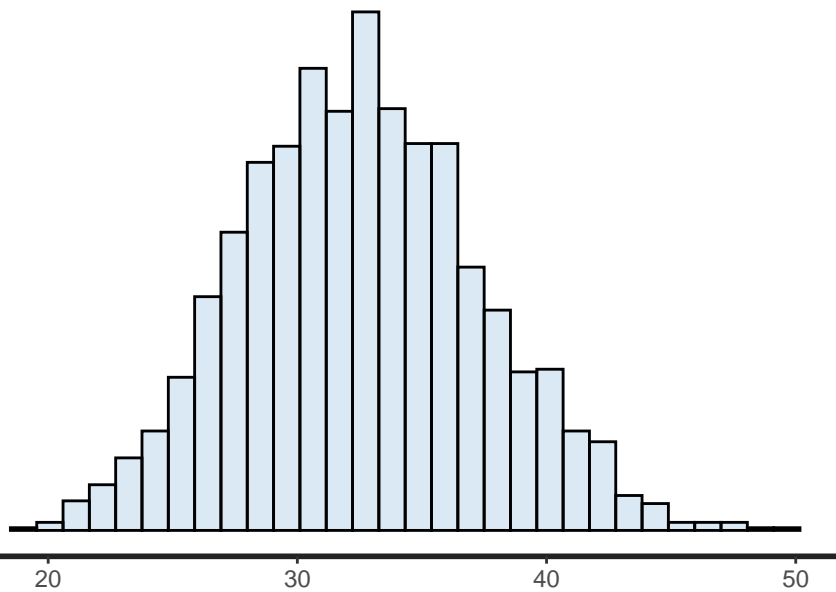




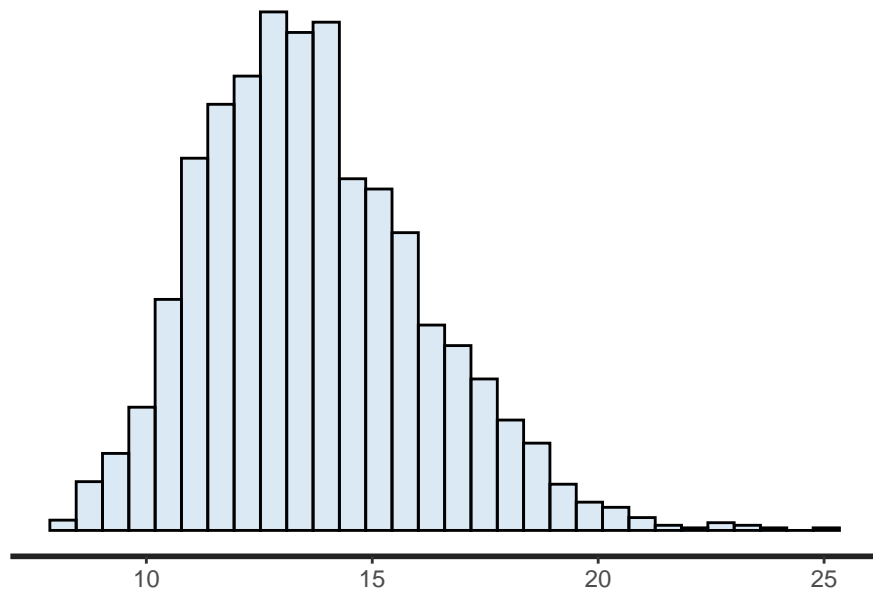




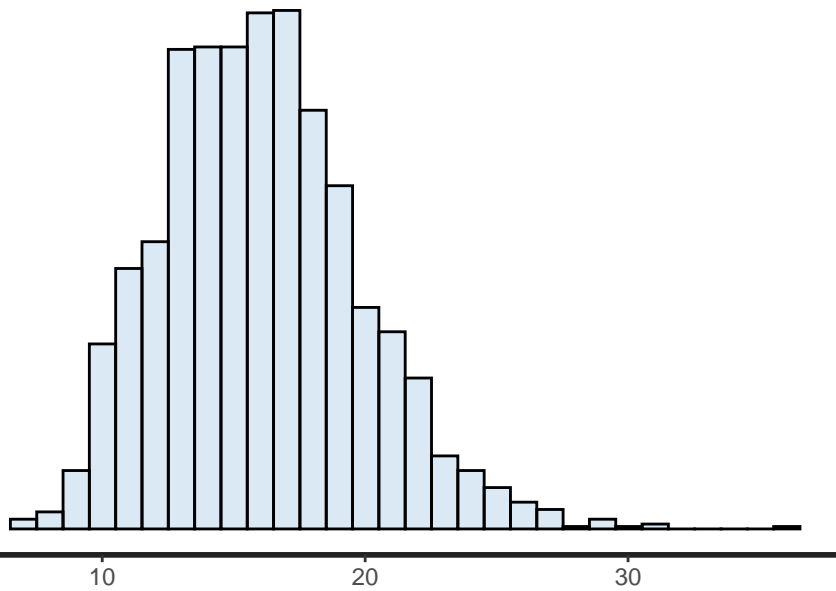
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

