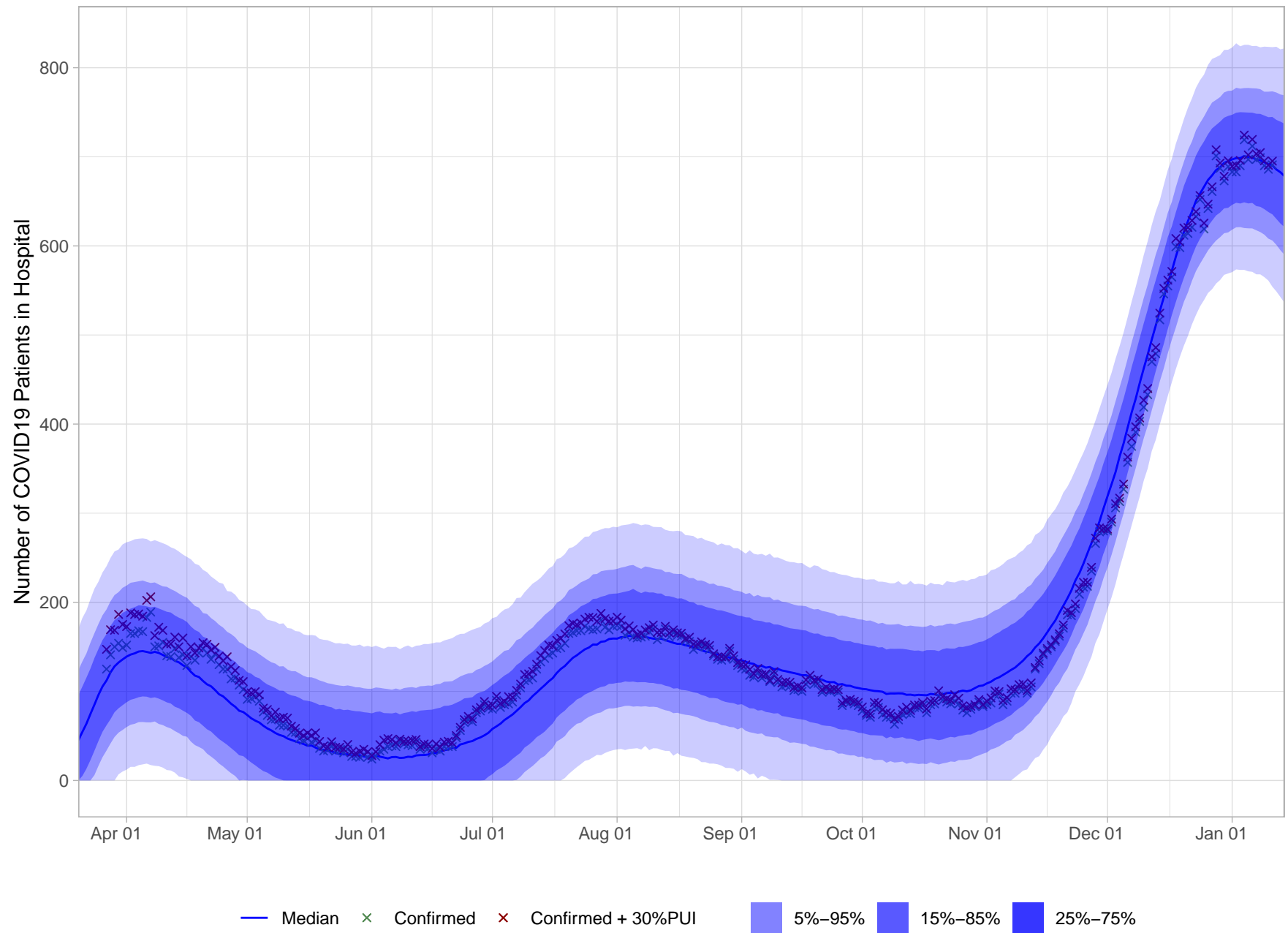
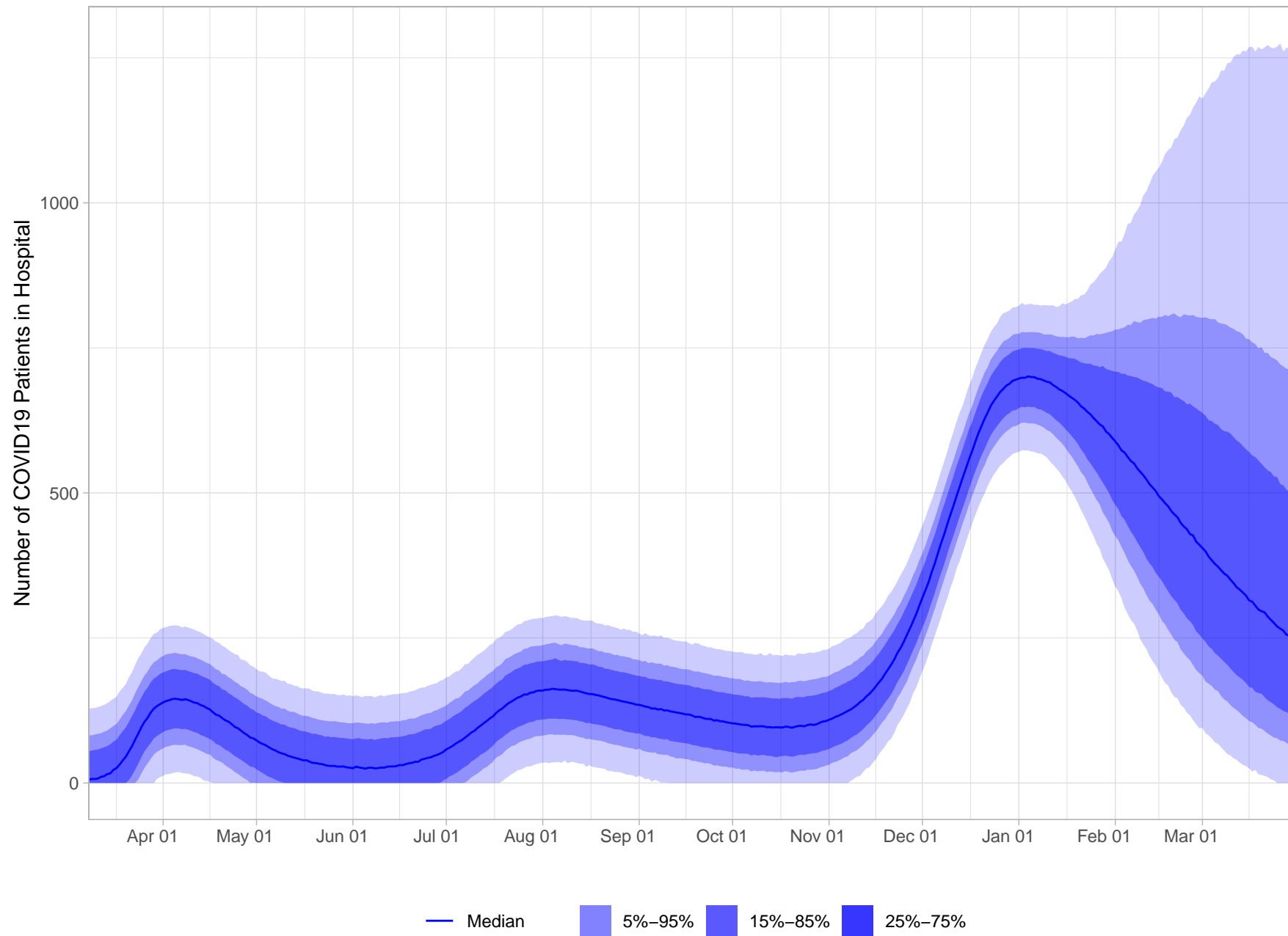


# Short Term Hospitalization Projection

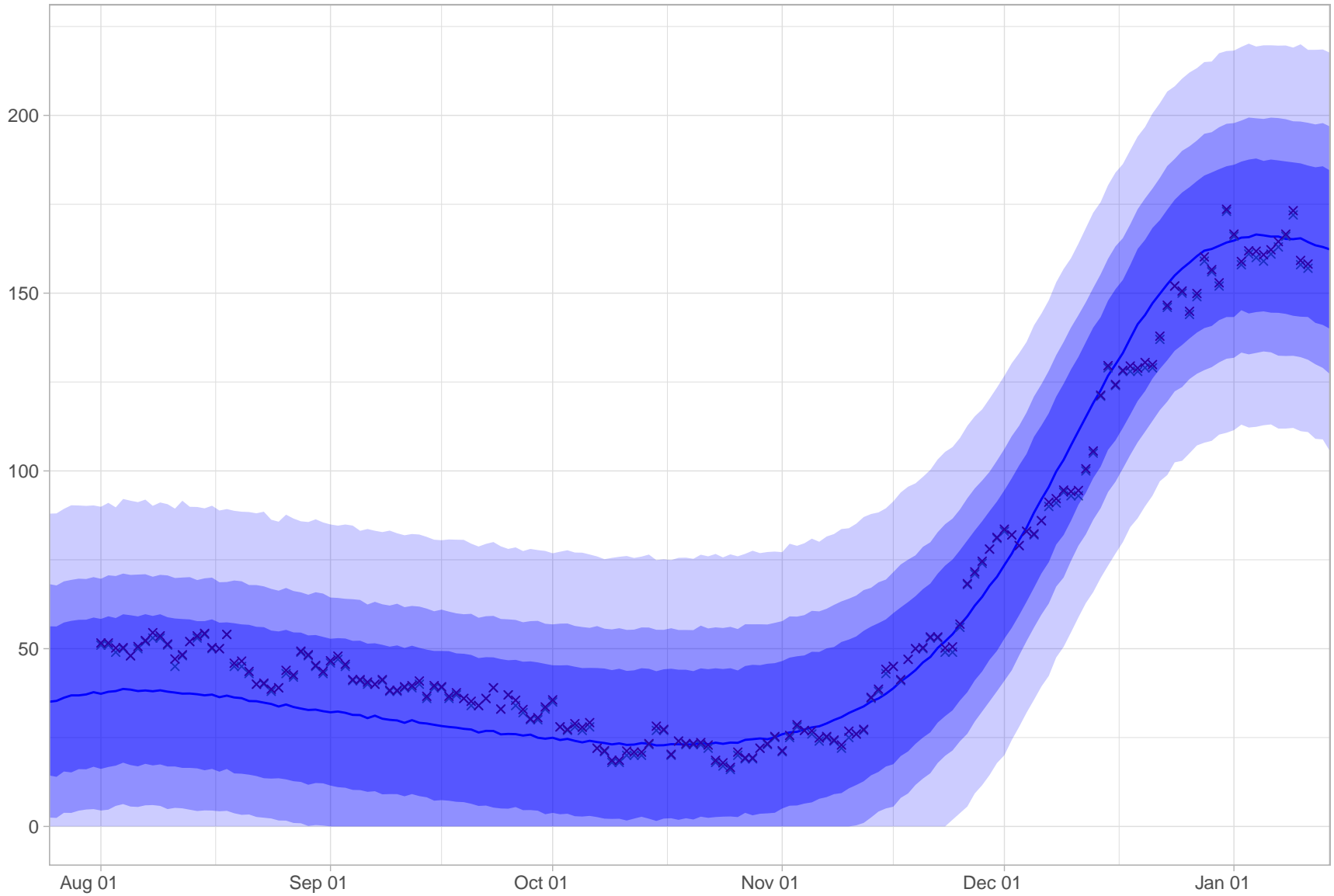


# Long Term Hospitalization Projection



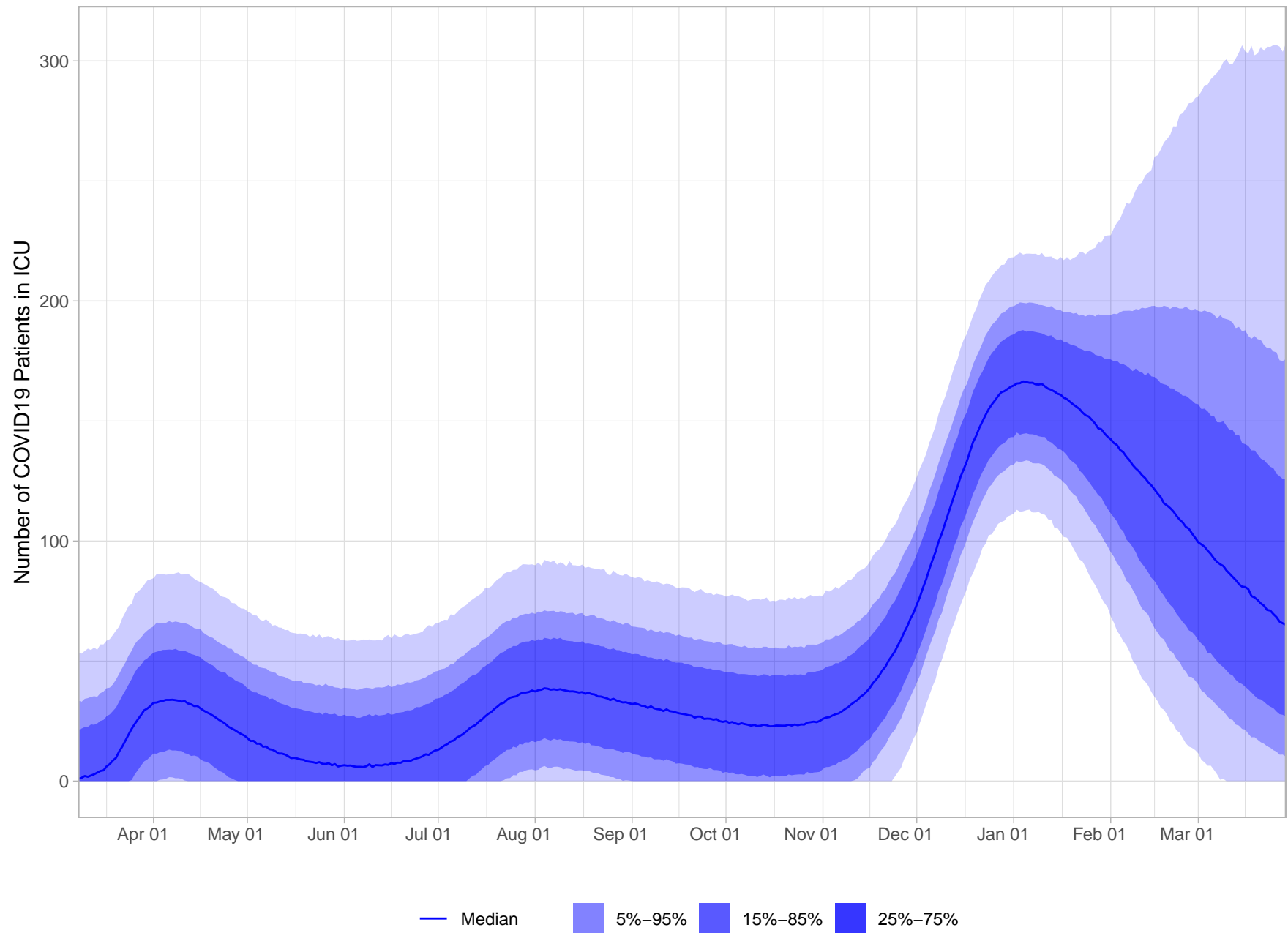
# Short Term ICU Projection

Number of COVID19 Patients in ICU



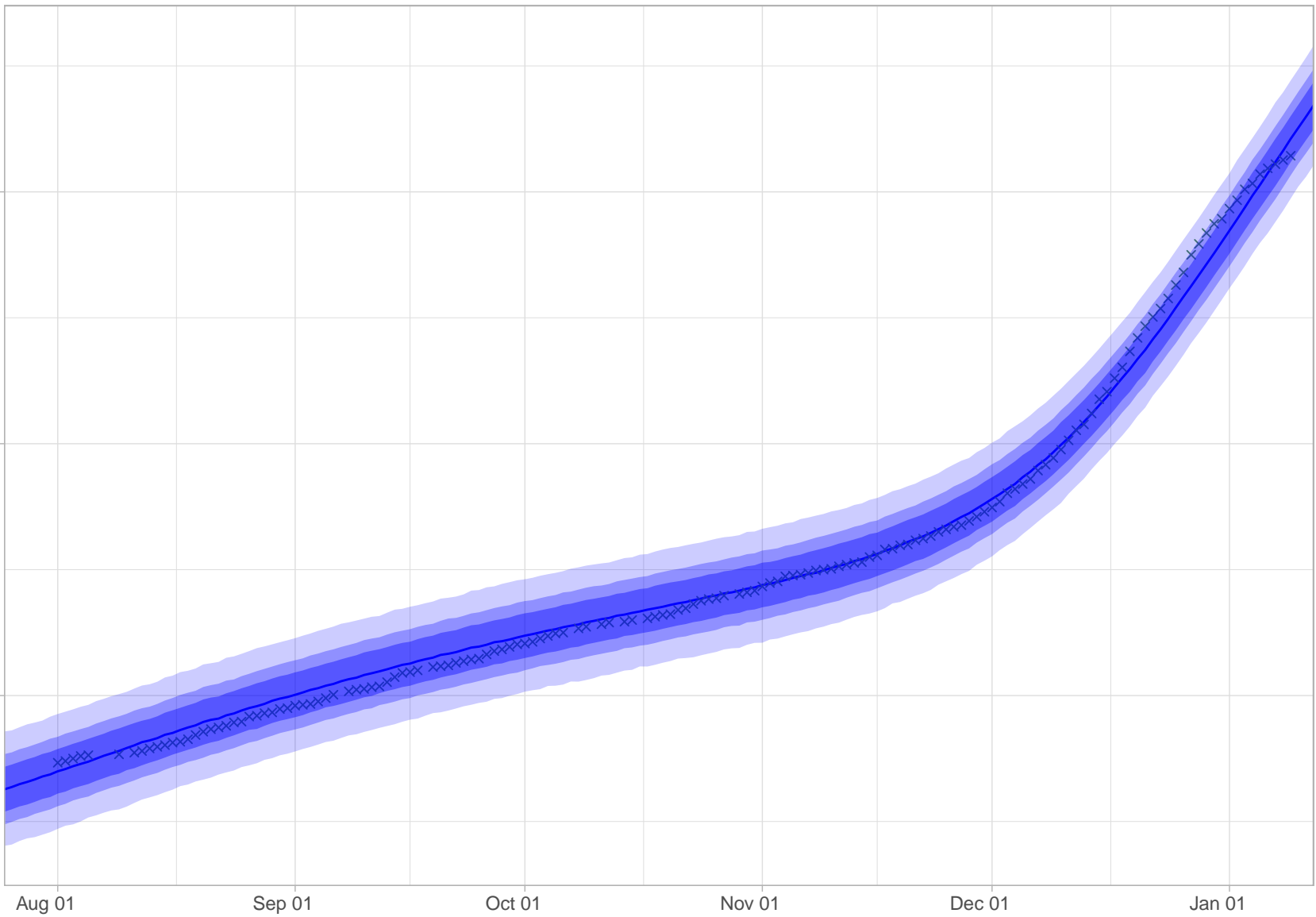
— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection



# Short Term Death Projection

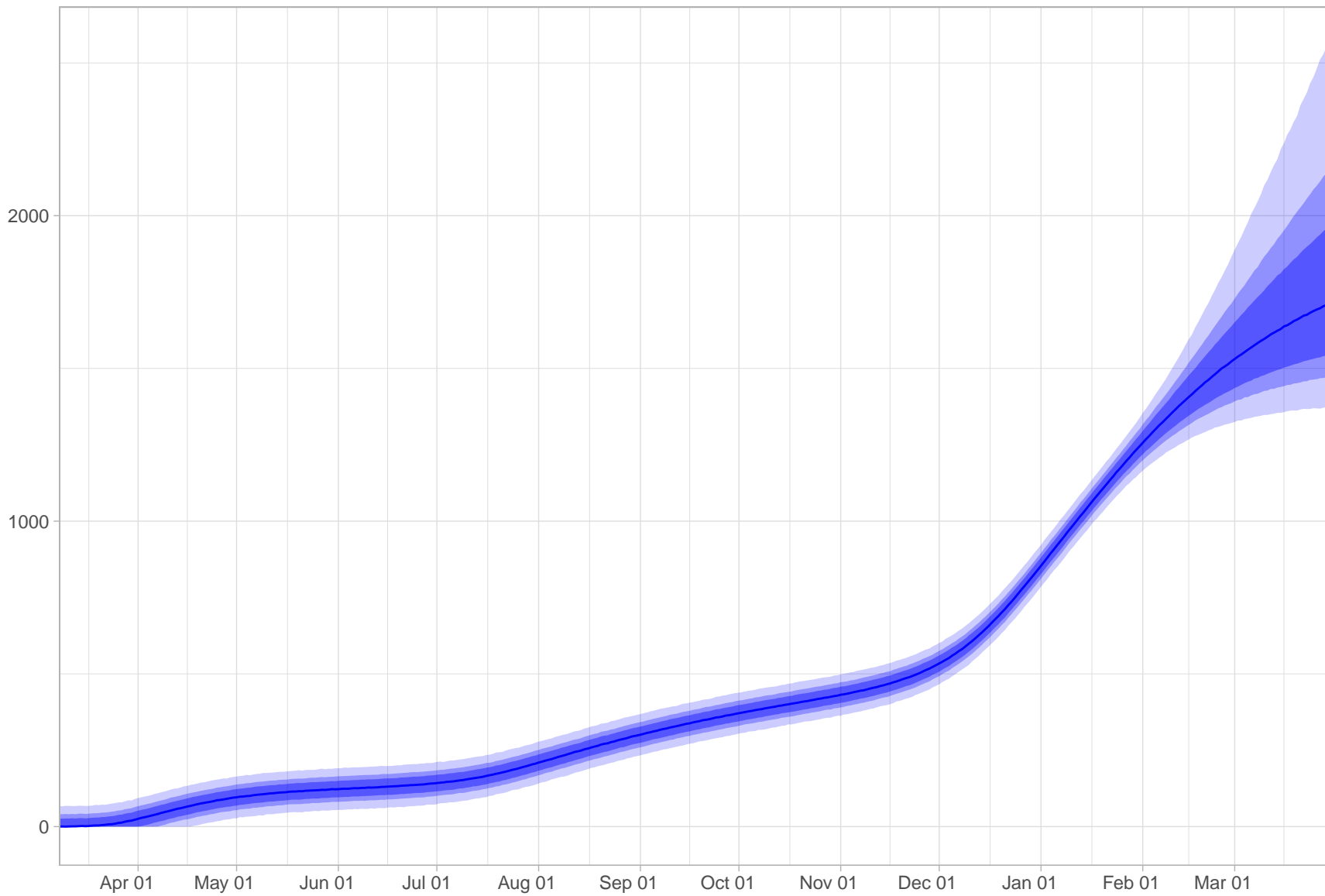
Number of COVID19 Deaths



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

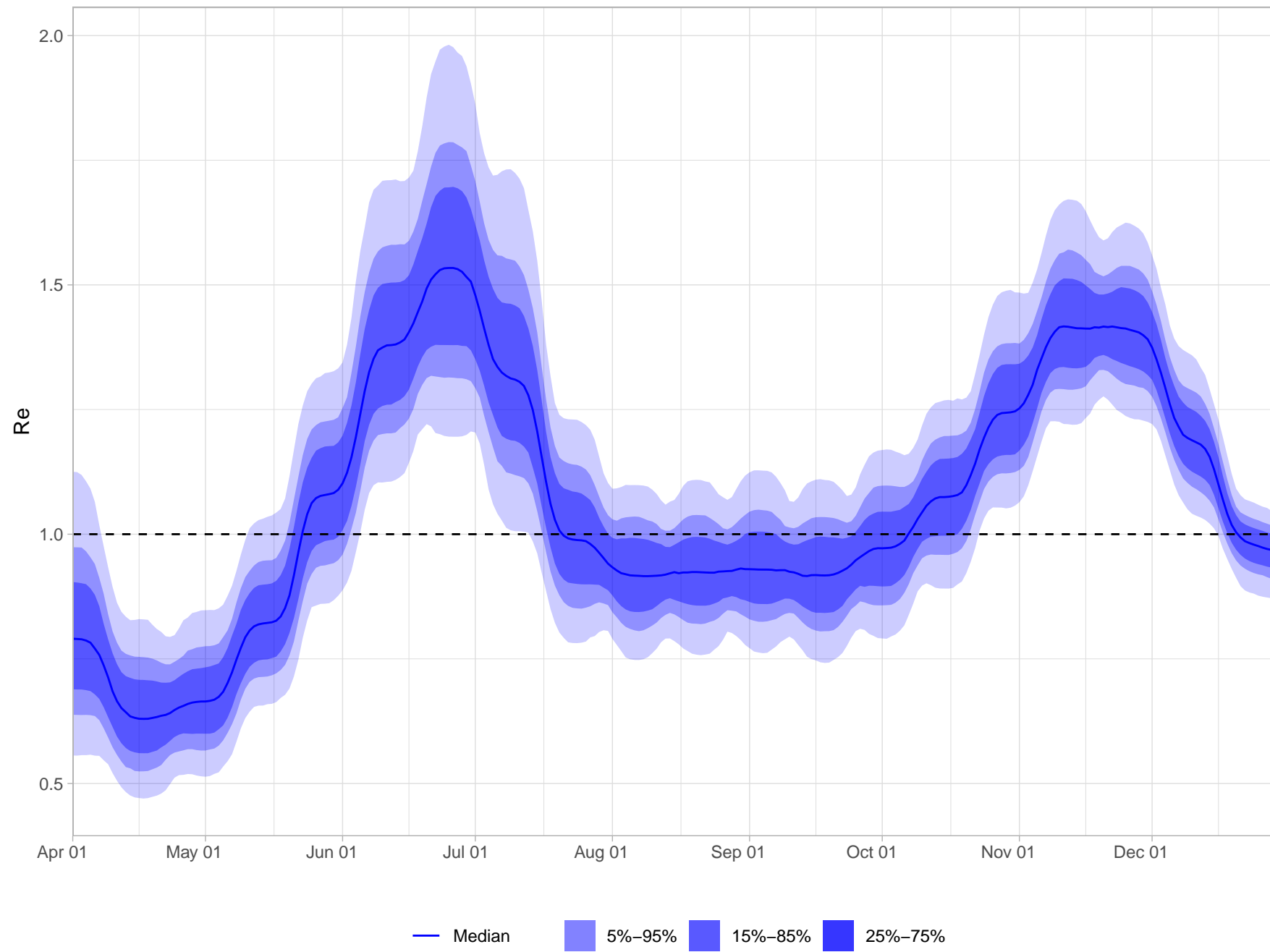
# Long Term Death Projection

Number of COVID19 Deaths



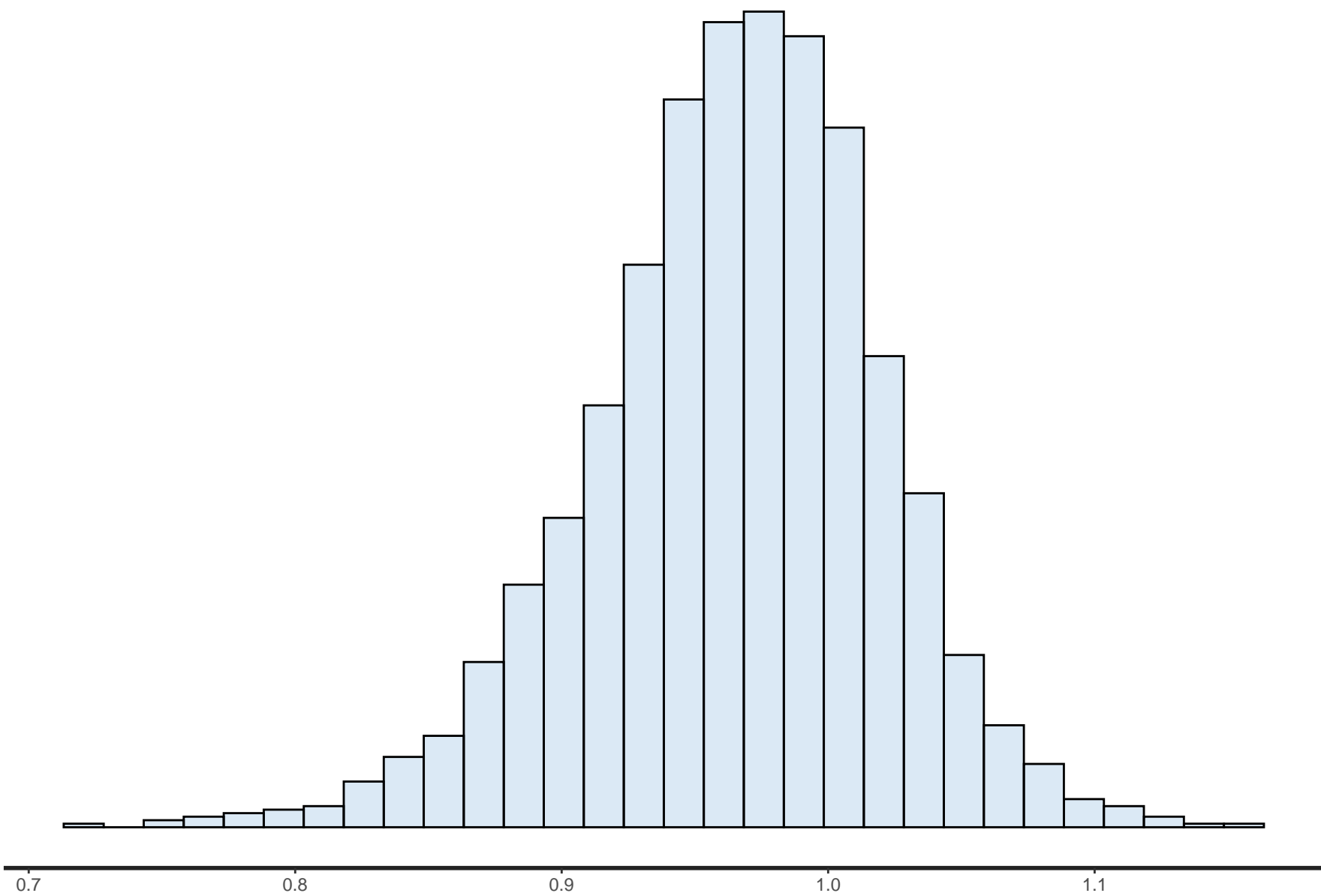
— Median    5%-95%    15%-85%    25%-75%

Effective Reproduction Number

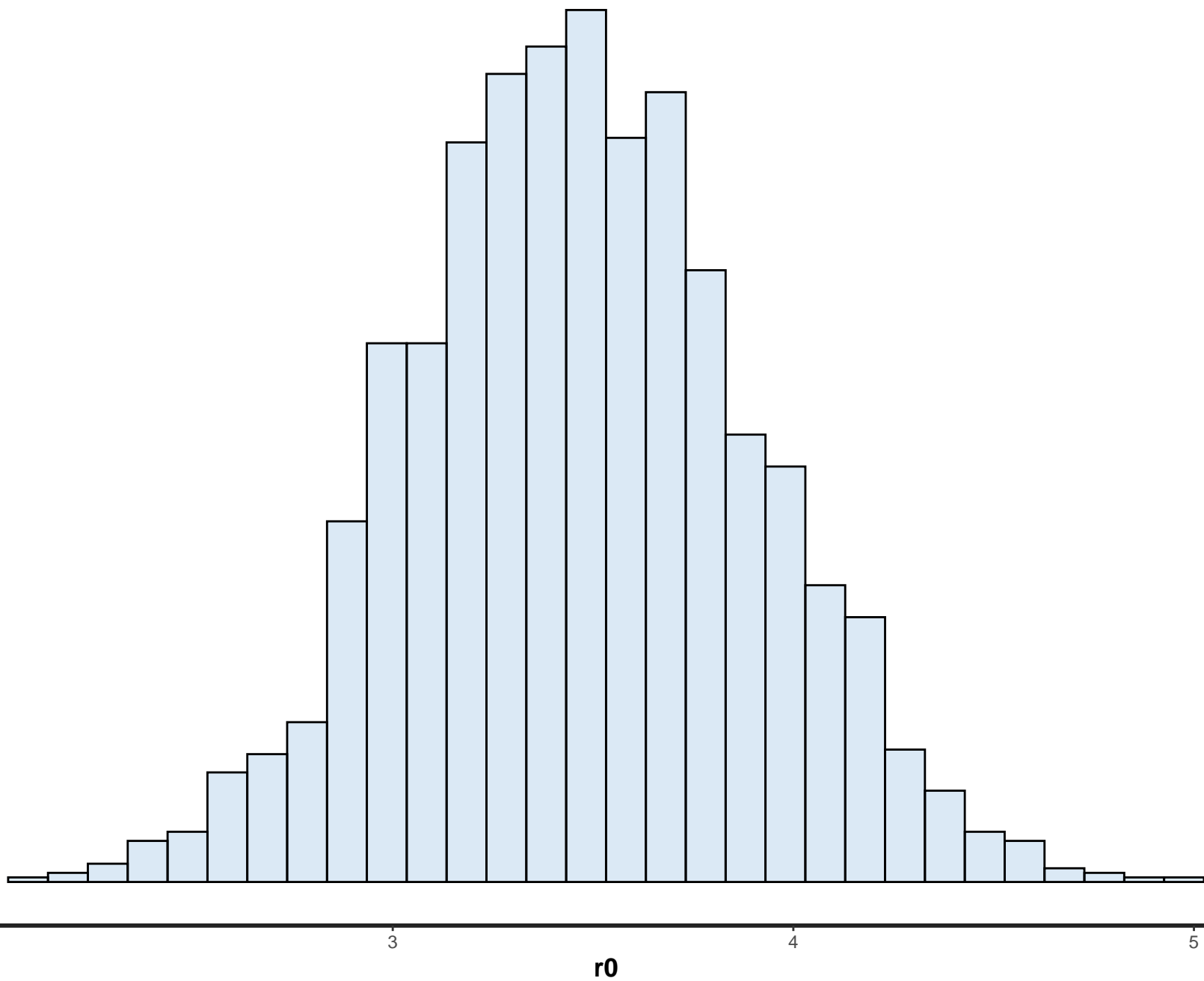


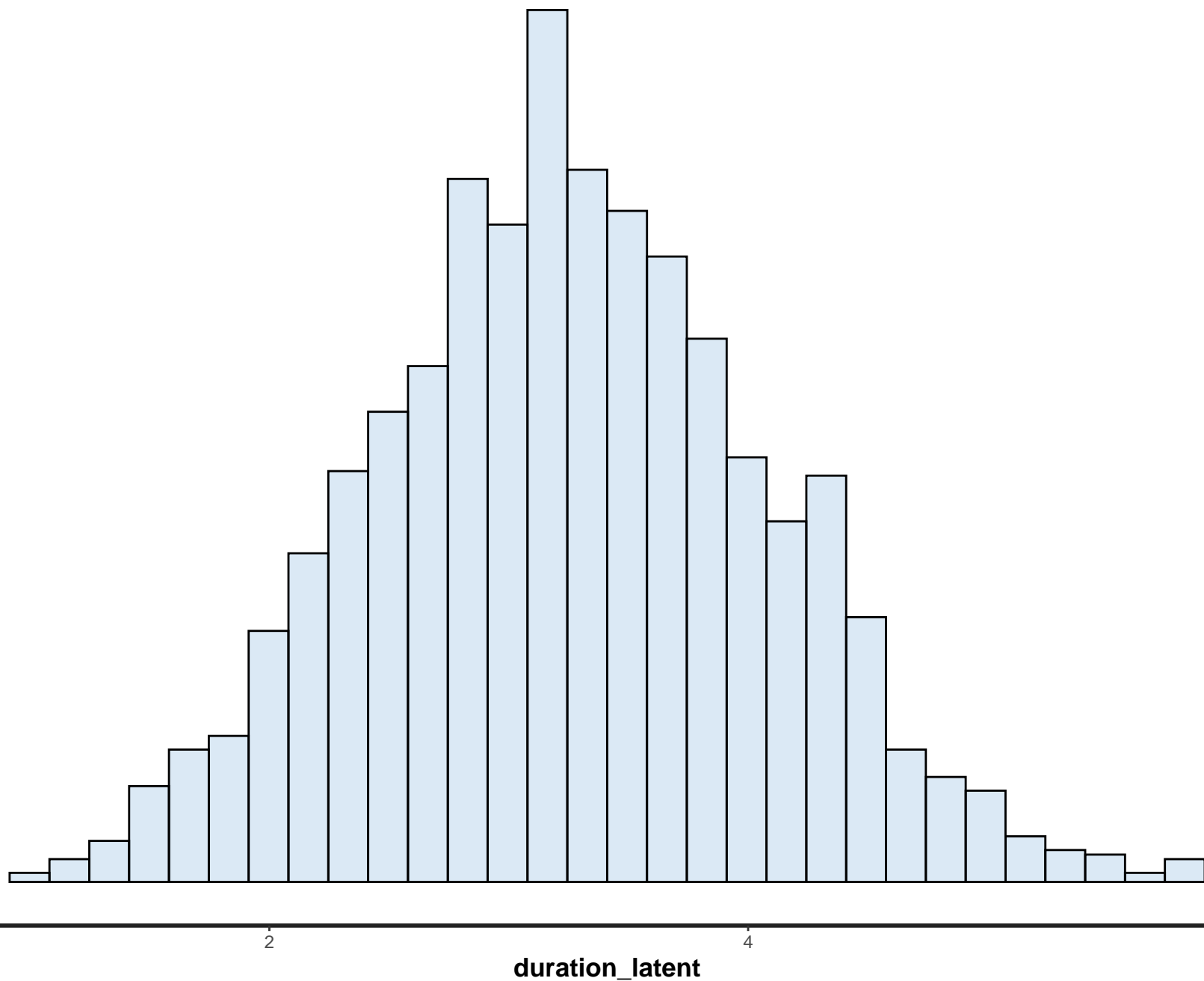
# Rt as of 2020-12-28

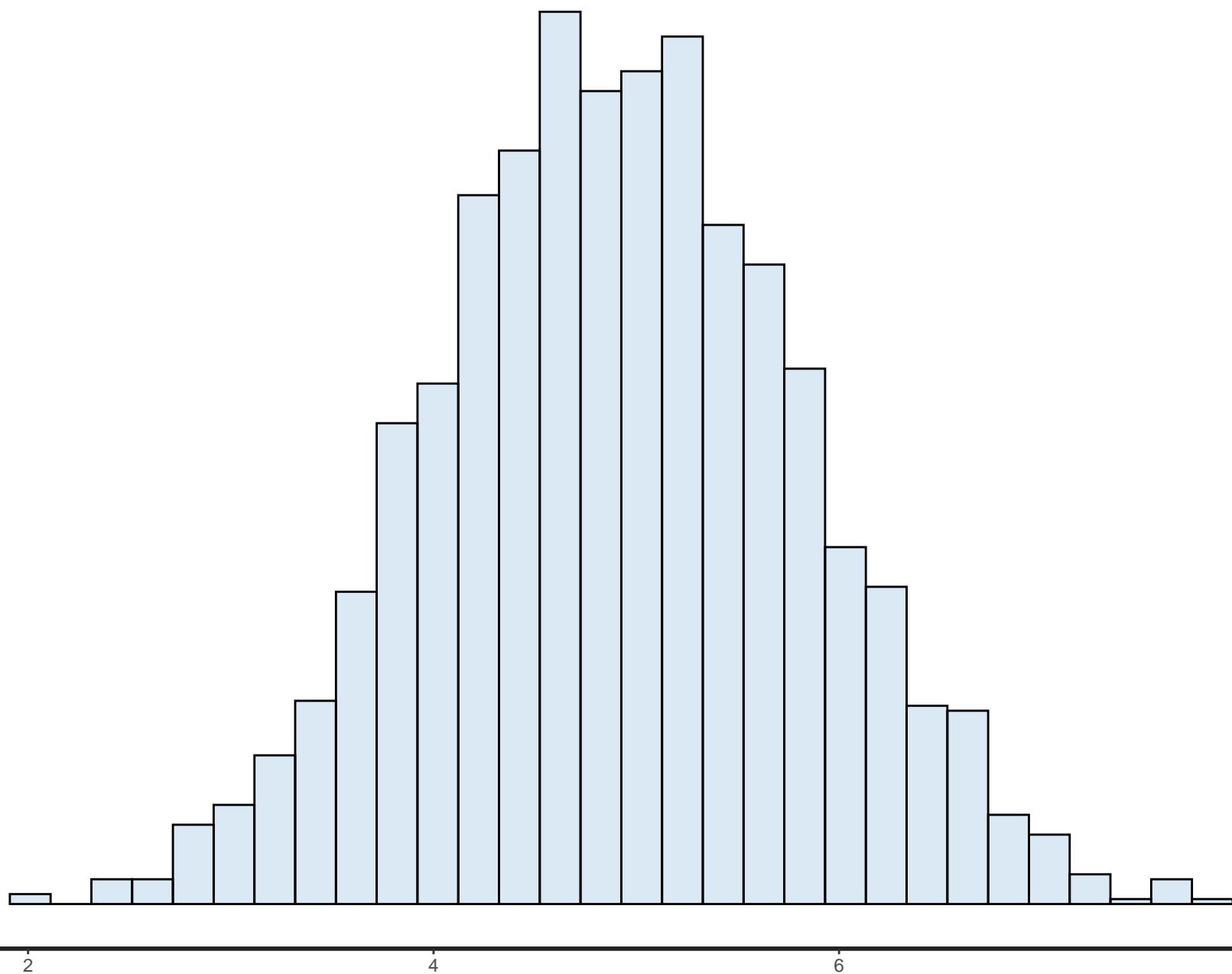
5% 10% 25% 50% 75% 90% 95%  
0.87 0.89 0.93 0.97 1.00 1.03 1.05

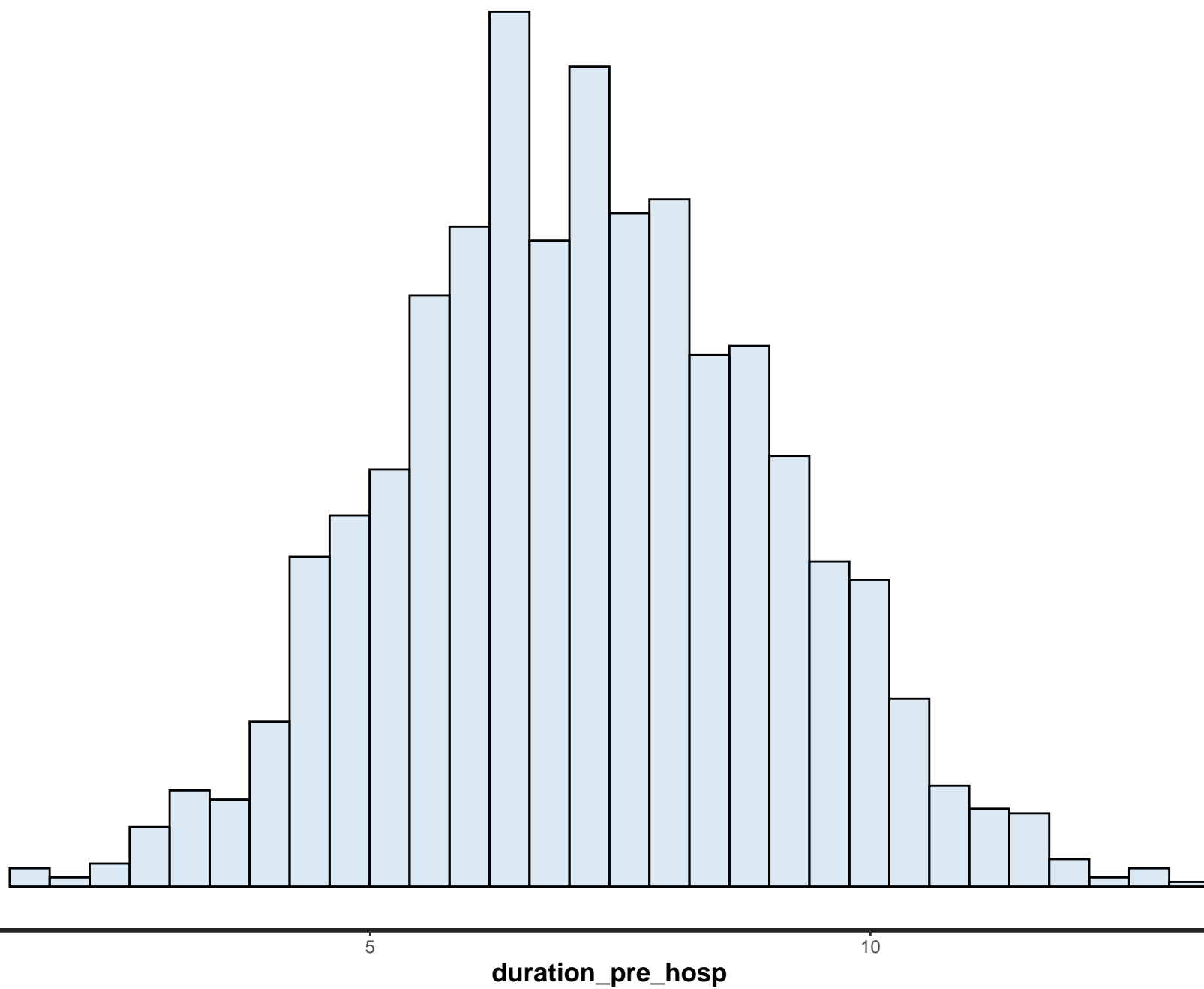


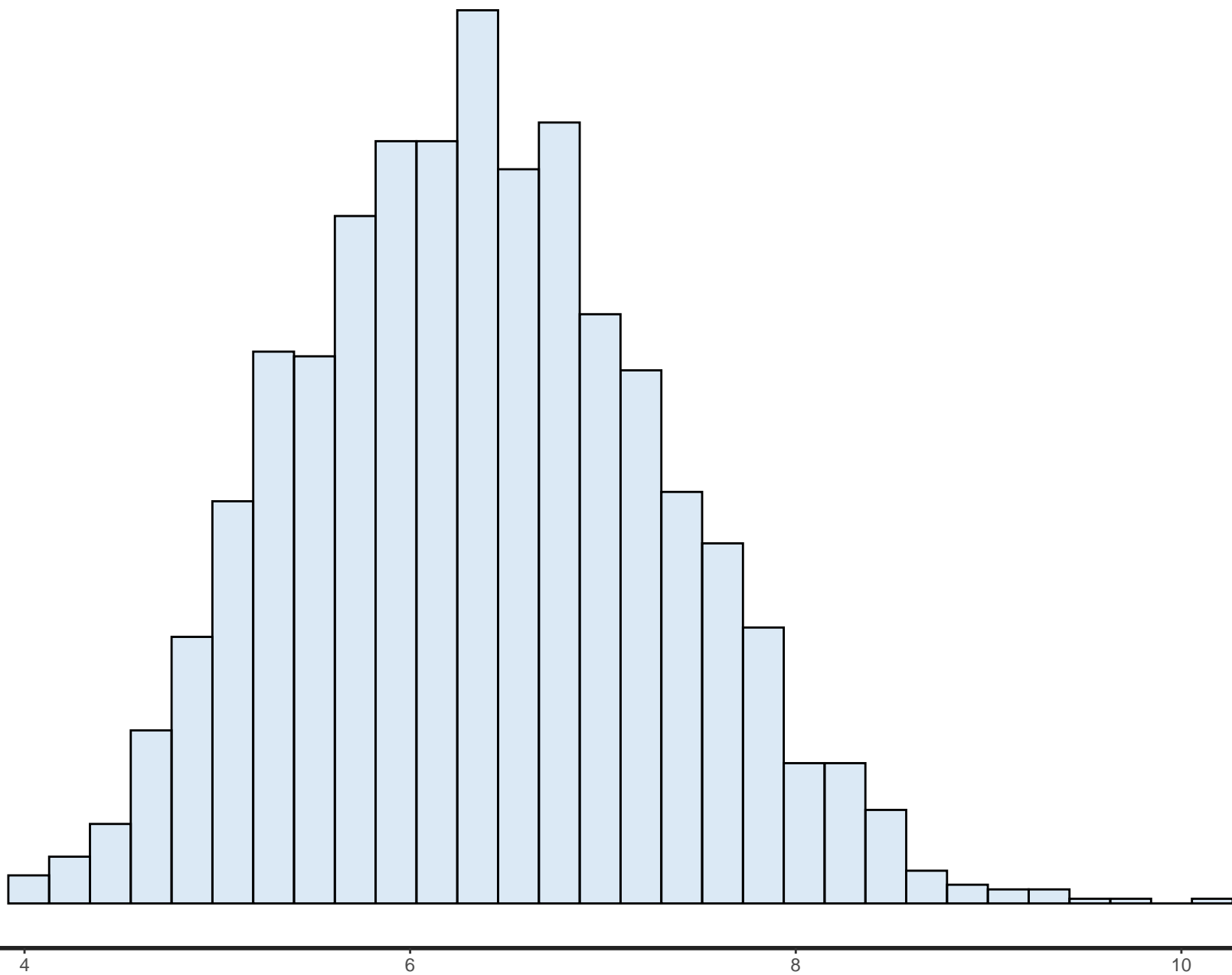


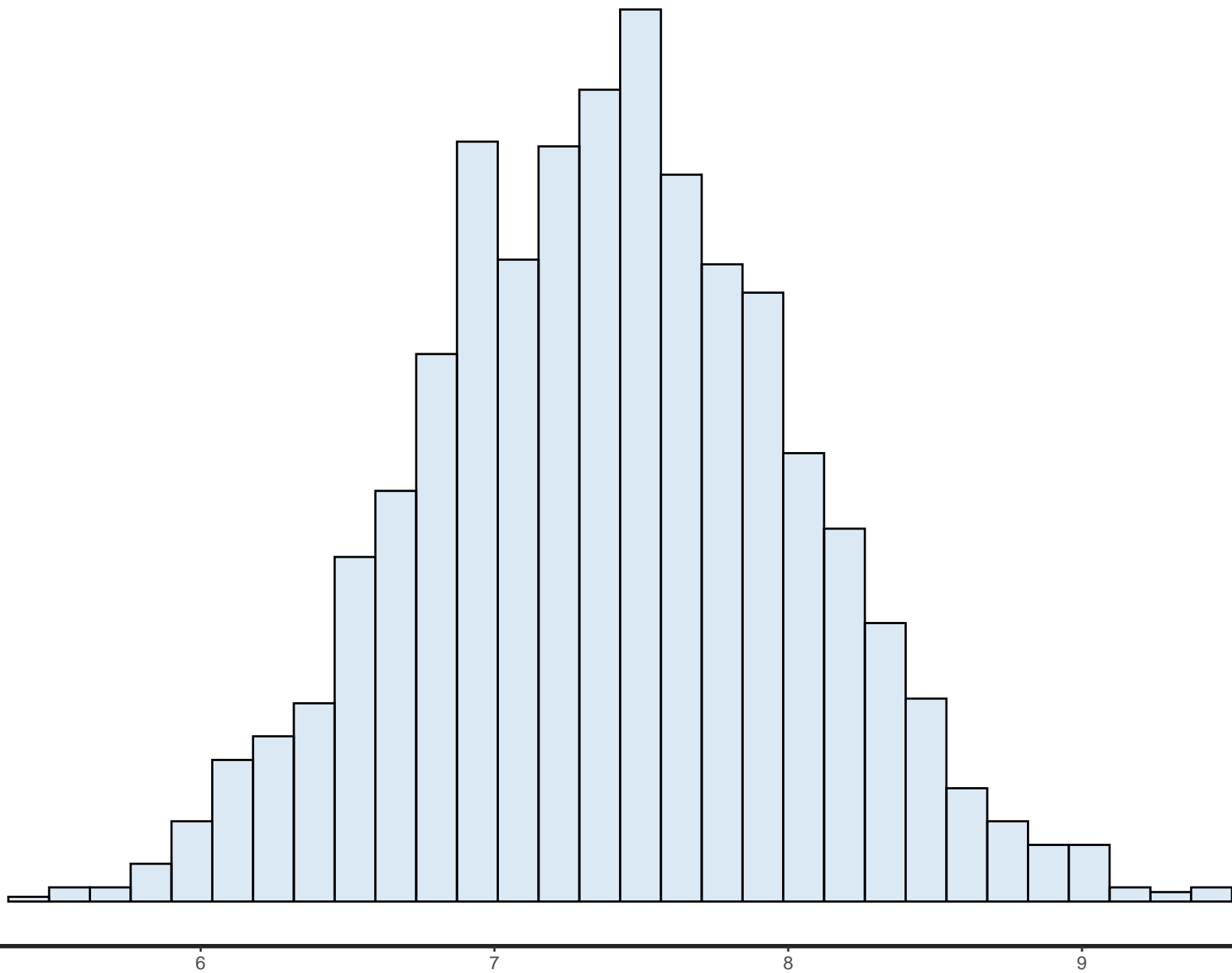


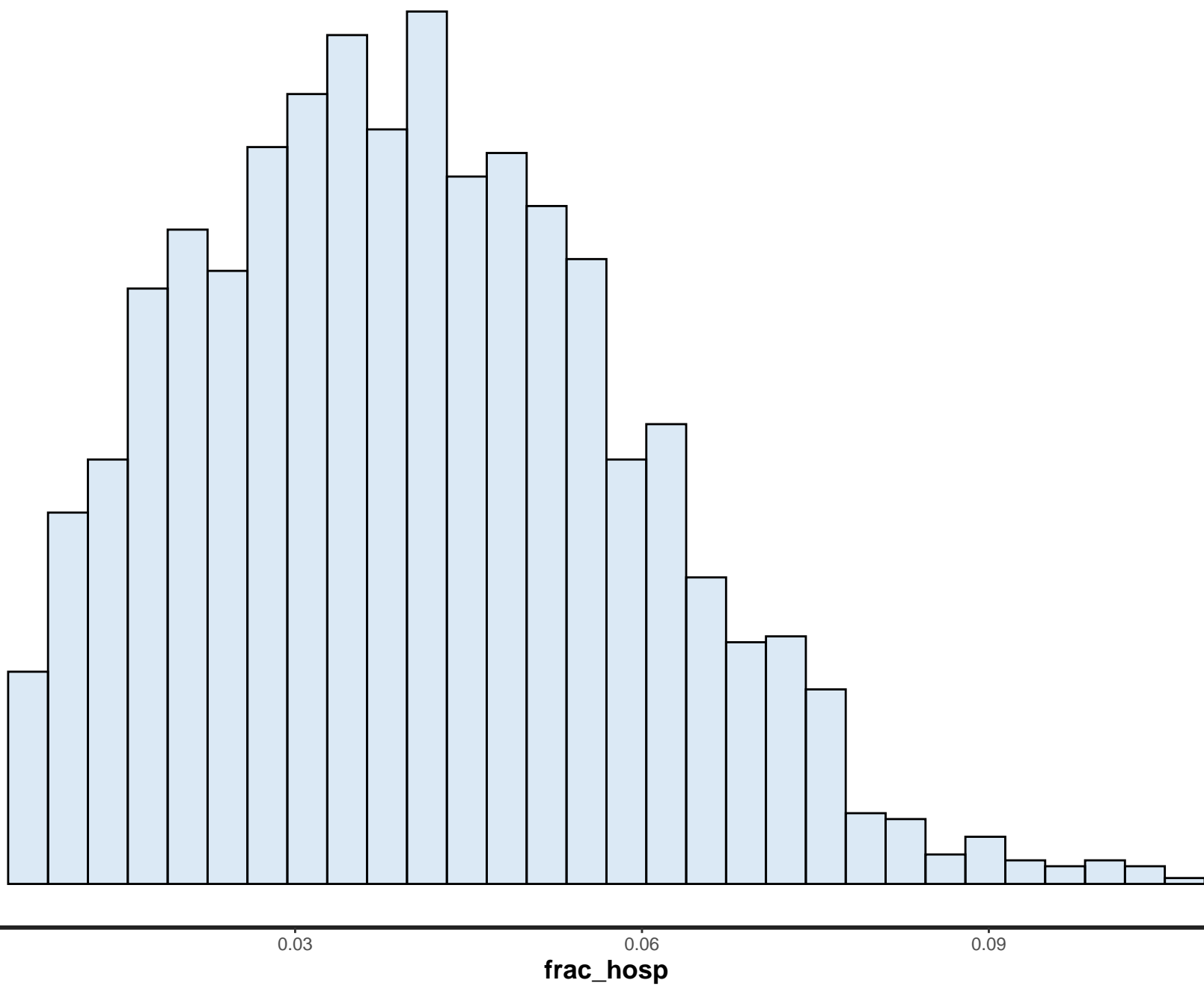


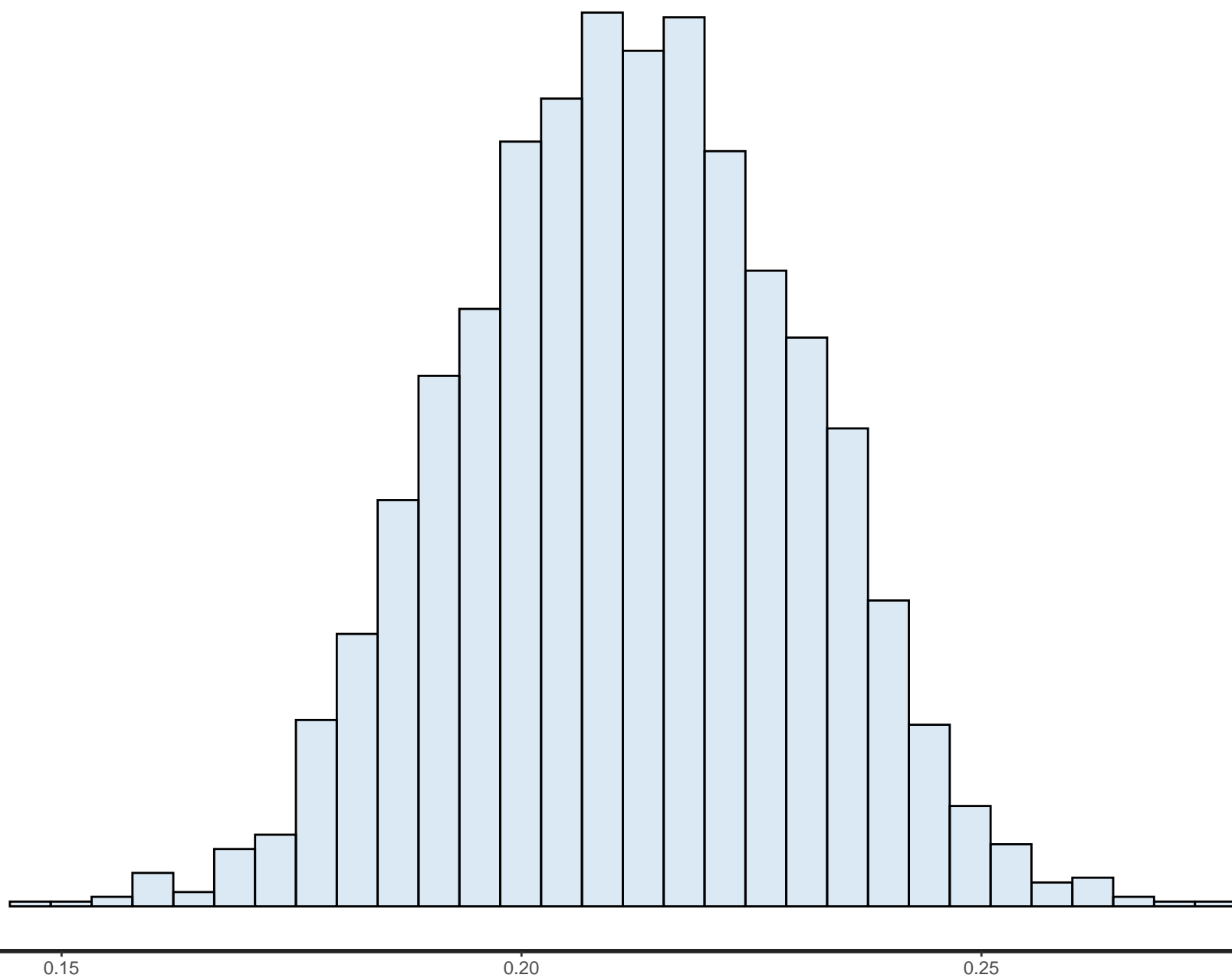




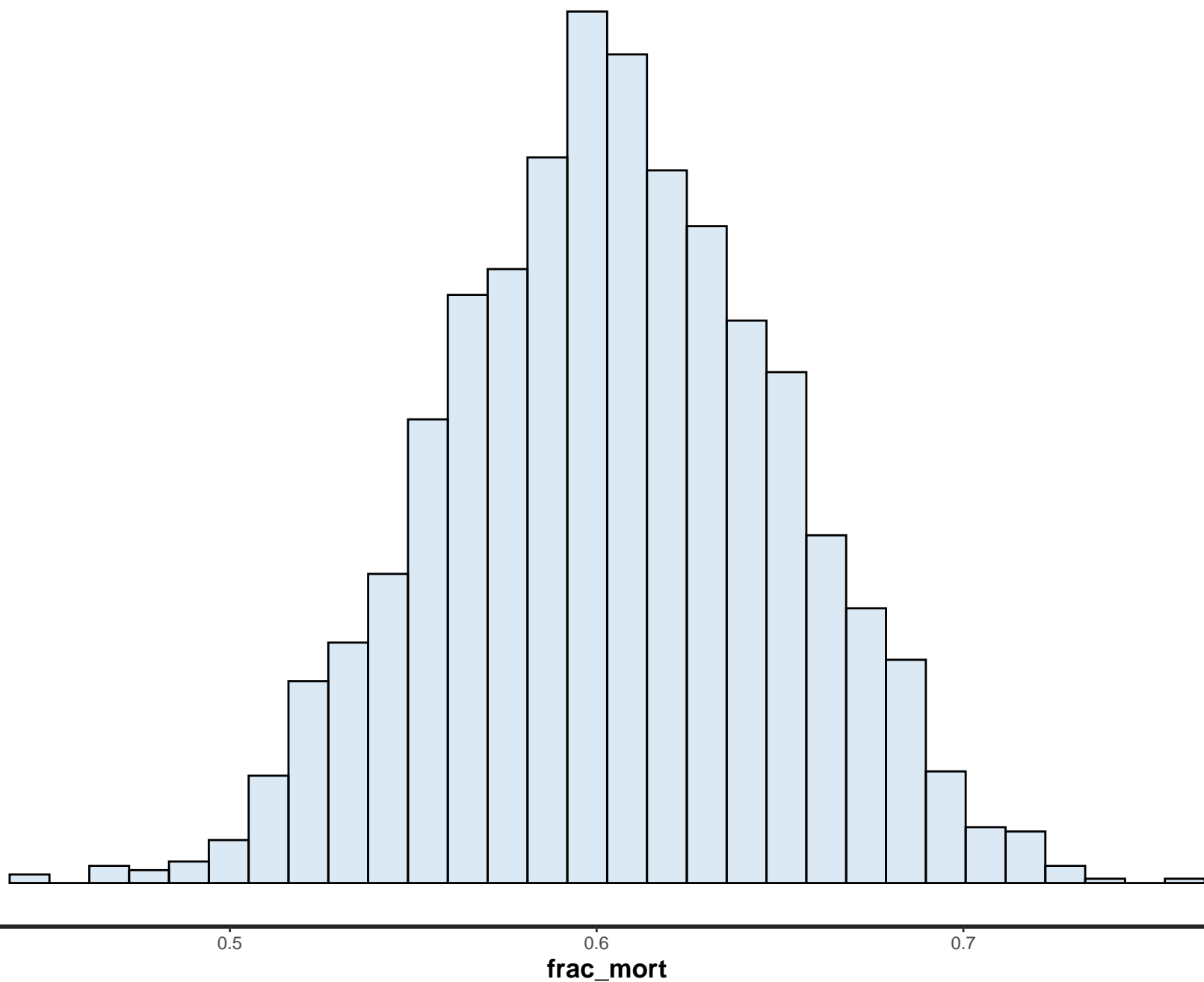




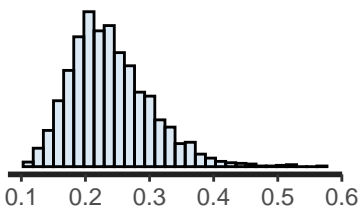




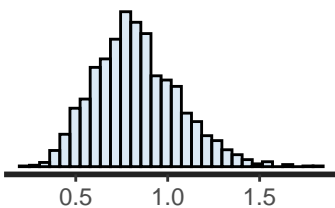




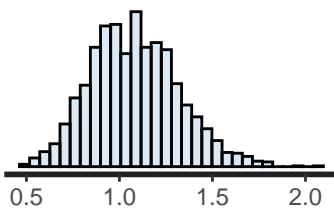
**beta\_multiplier[1]**



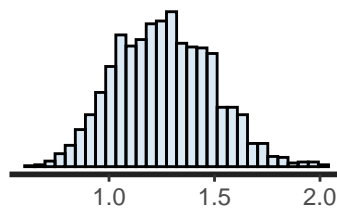
**beta\_multiplier[2]**



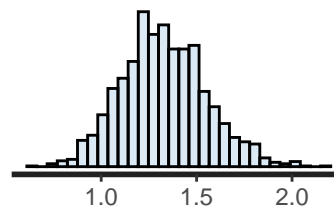
**beta\_multiplier[3]**



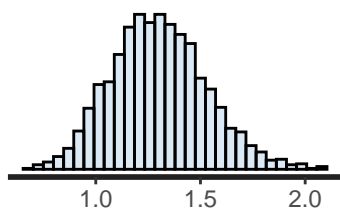
**beta\_multiplier[4]**



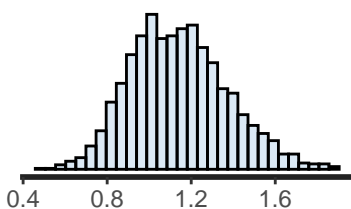
**beta\_multiplier[5]**



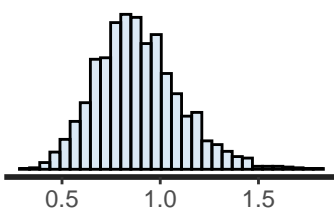
**beta\_multiplier[6]**



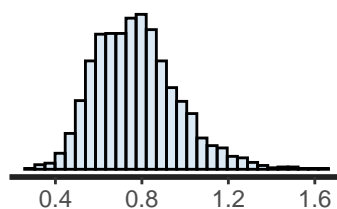
**beta\_multiplier[7]**



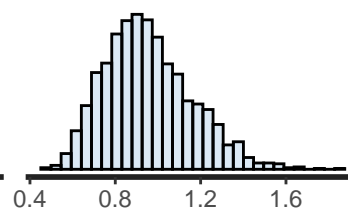
**beta\_multiplier[8]**



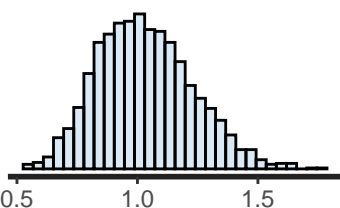
**beta\_multiplier[9]**



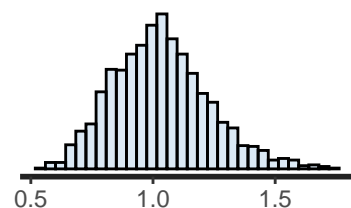
beta\_multiplier[10]



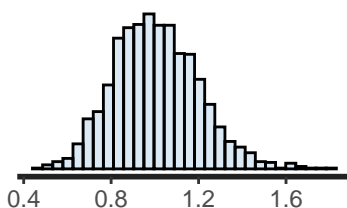
**beta\_multiplier[11]**



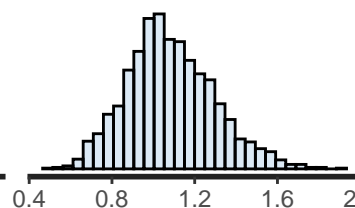
**beta\_multiplier[12]**



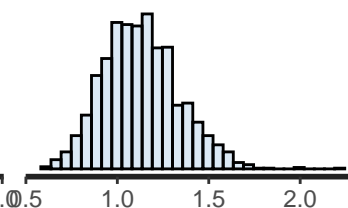
beta\_multiplier[13]



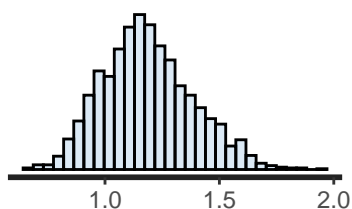
**beta\_multiplier[14]**



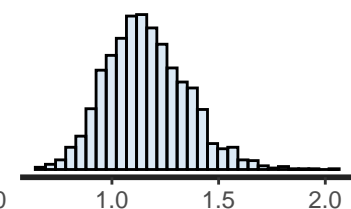
**beta\_multiplier[15]**



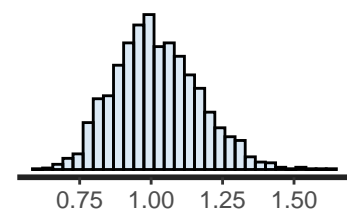
beta\_multiplier[16]



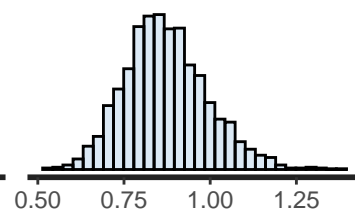
beta\_multiplier[17]



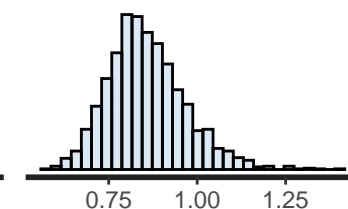
**beta\_multiplier[18]**



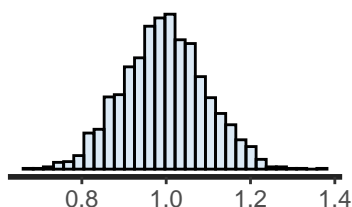
**beta\_multiplier[19]**



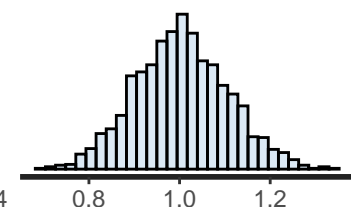
**beta\_multiplier[20]**

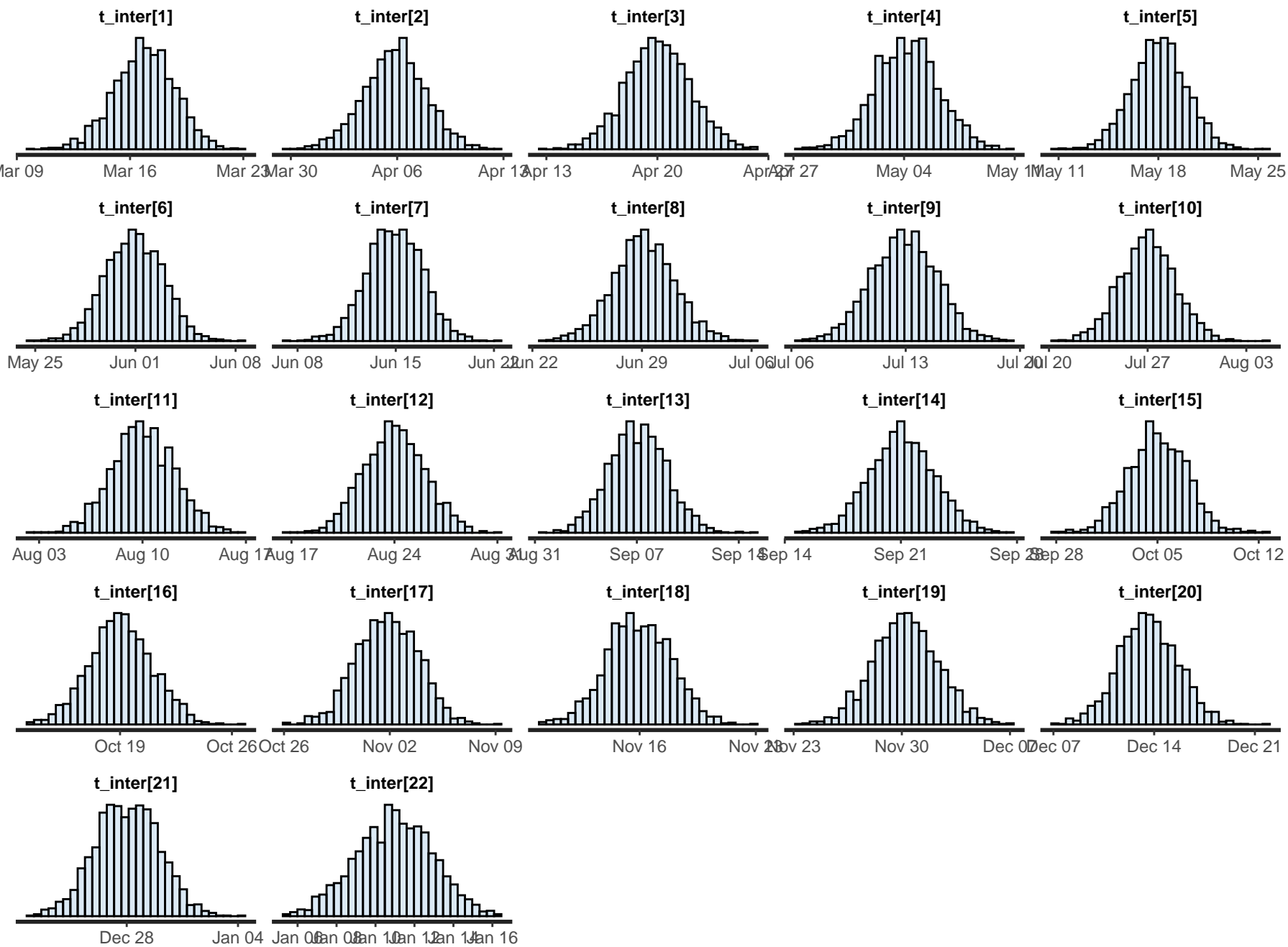


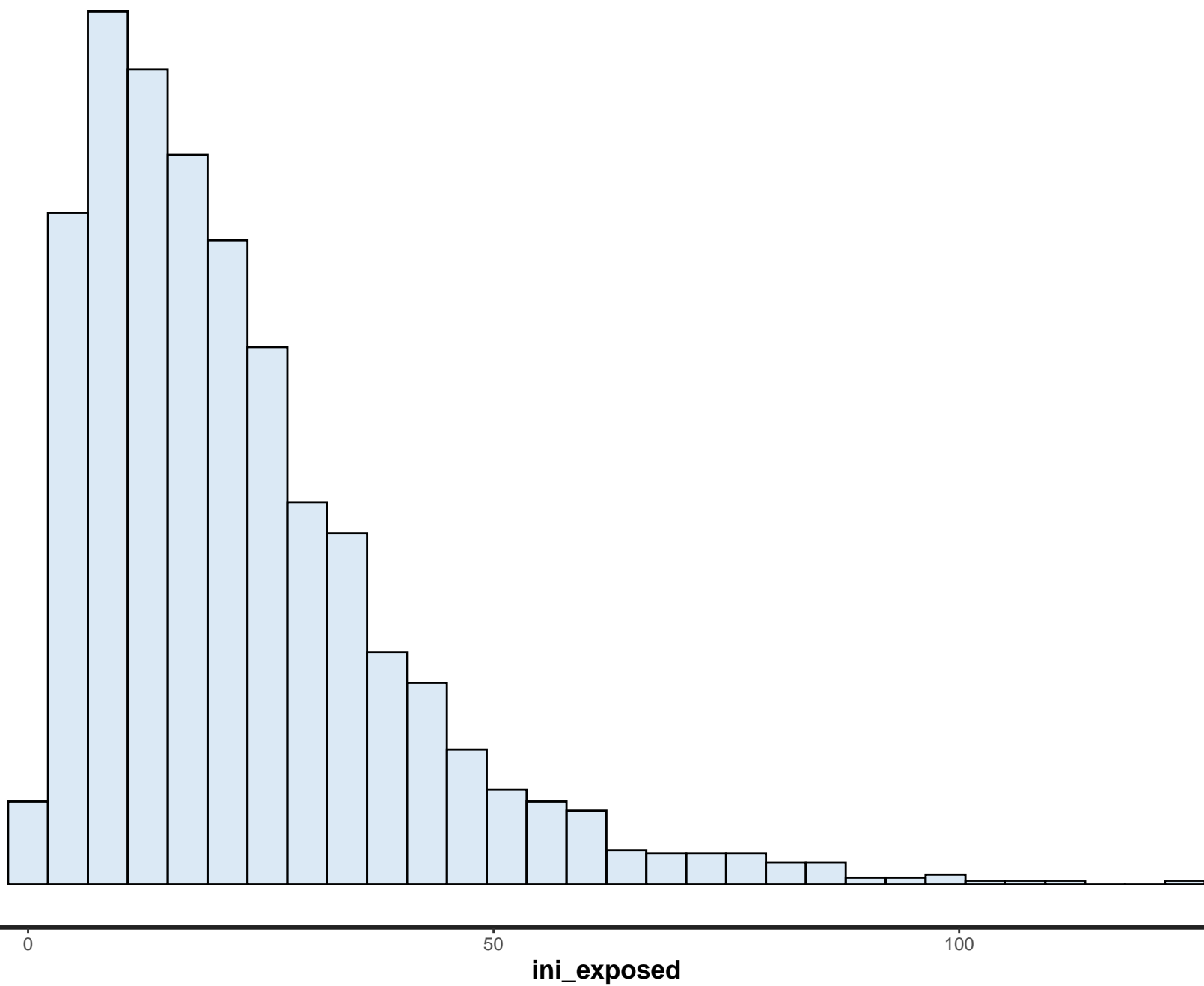
beta\_multiplier[21]



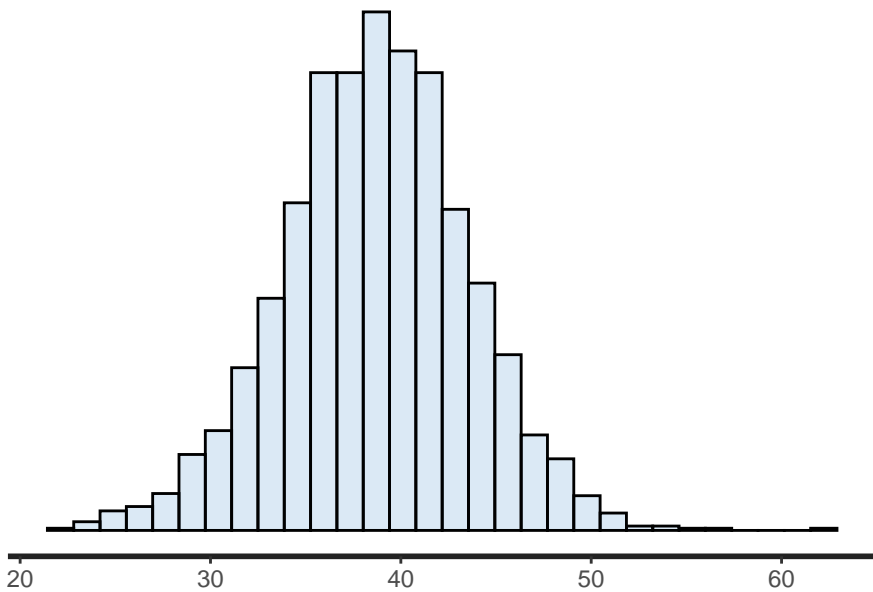
beta\_multiplier[22]



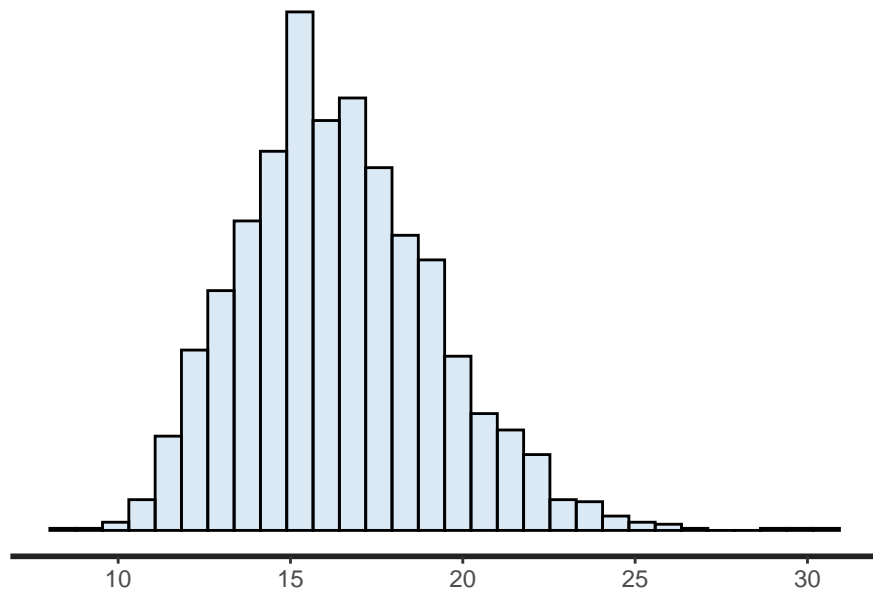




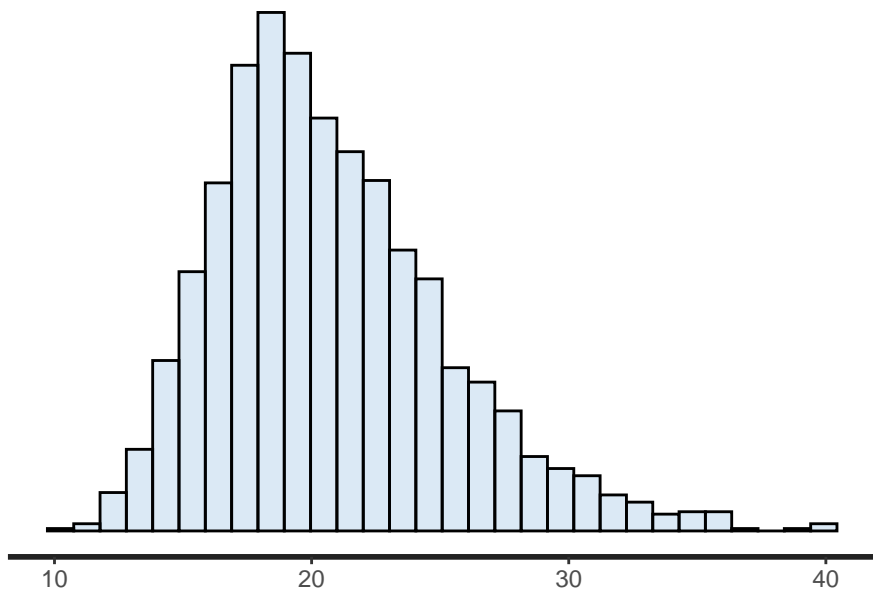
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

