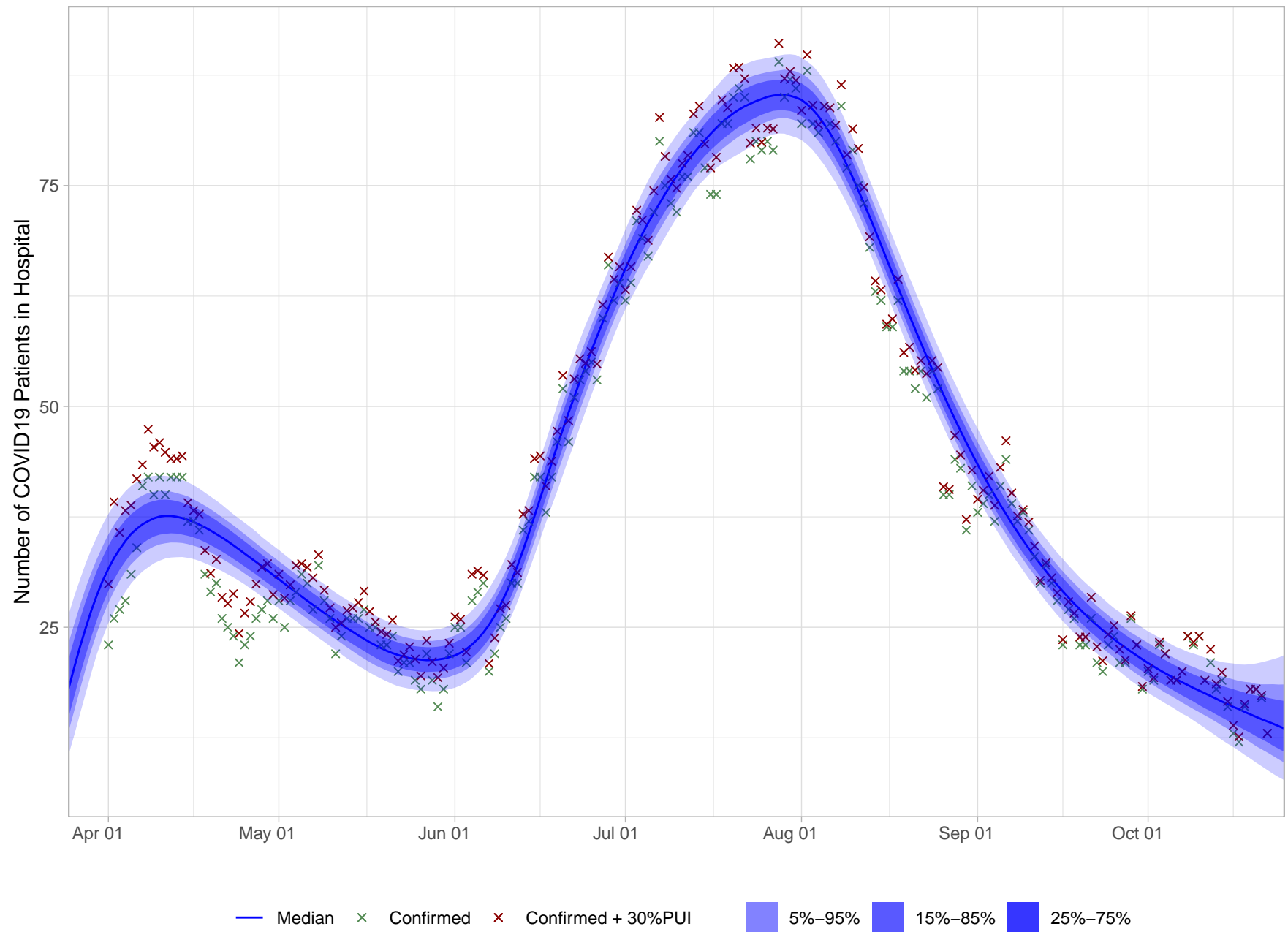
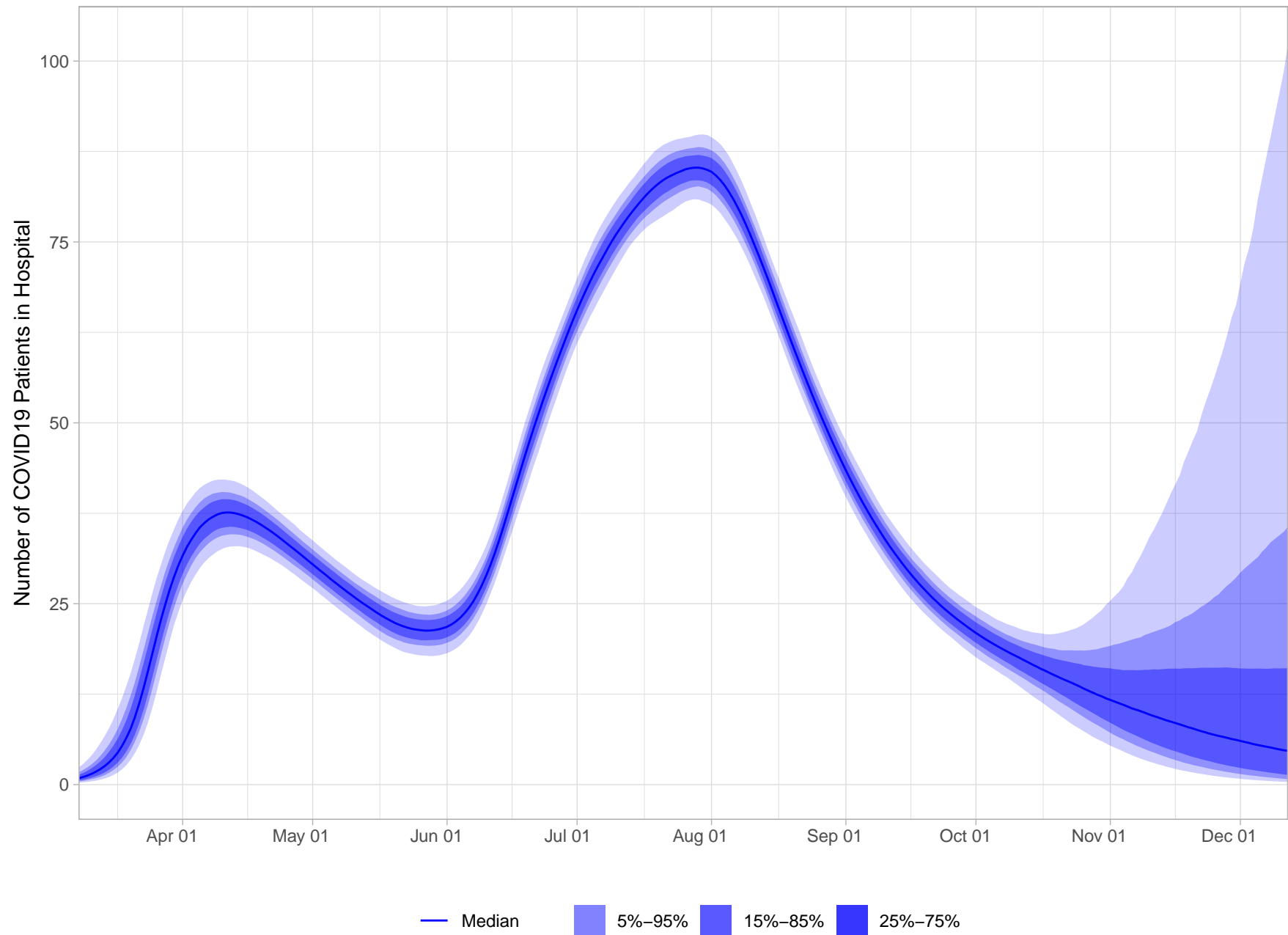


# Short Term Hospitalization Projection

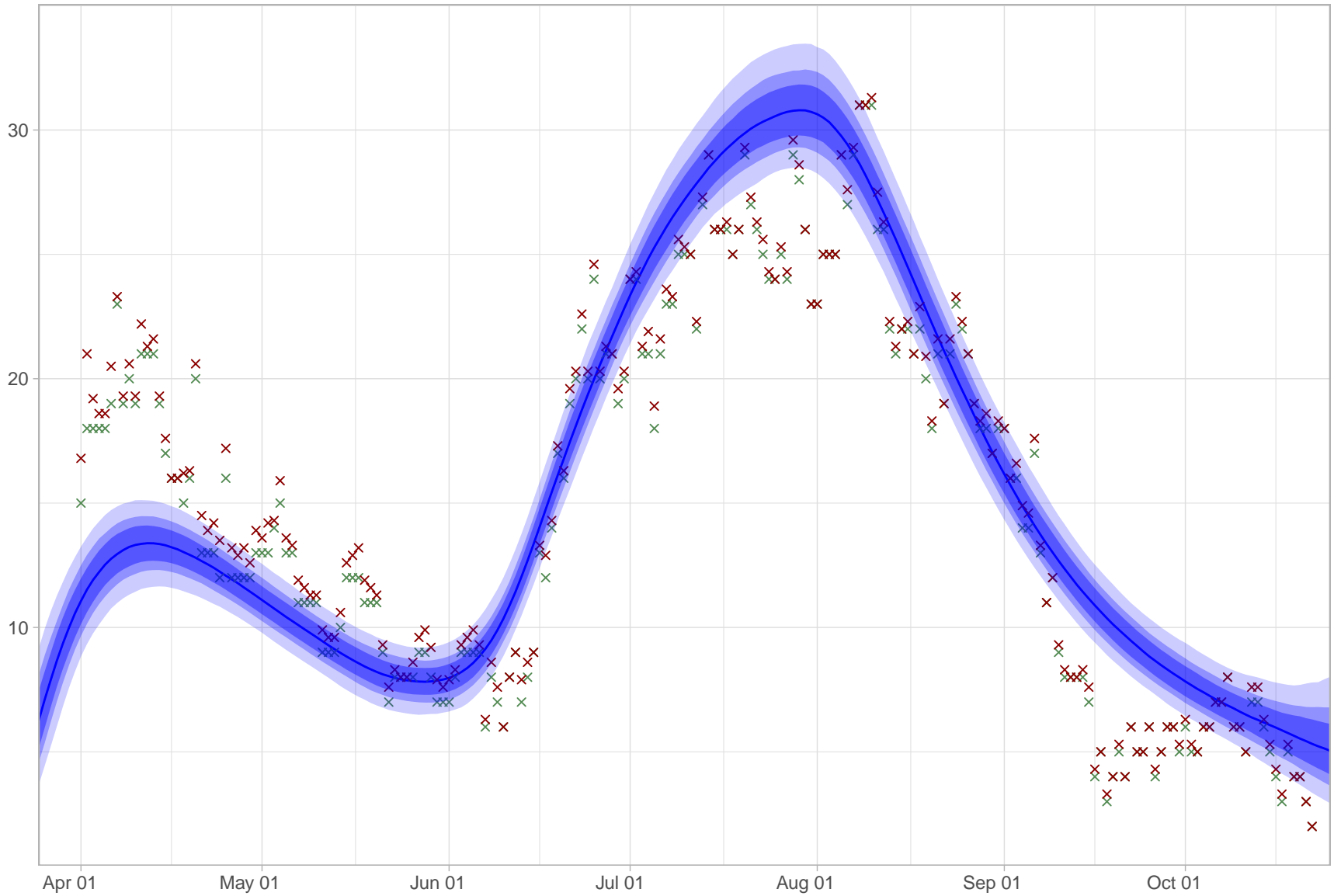


# Long Term Hospitalization Projection



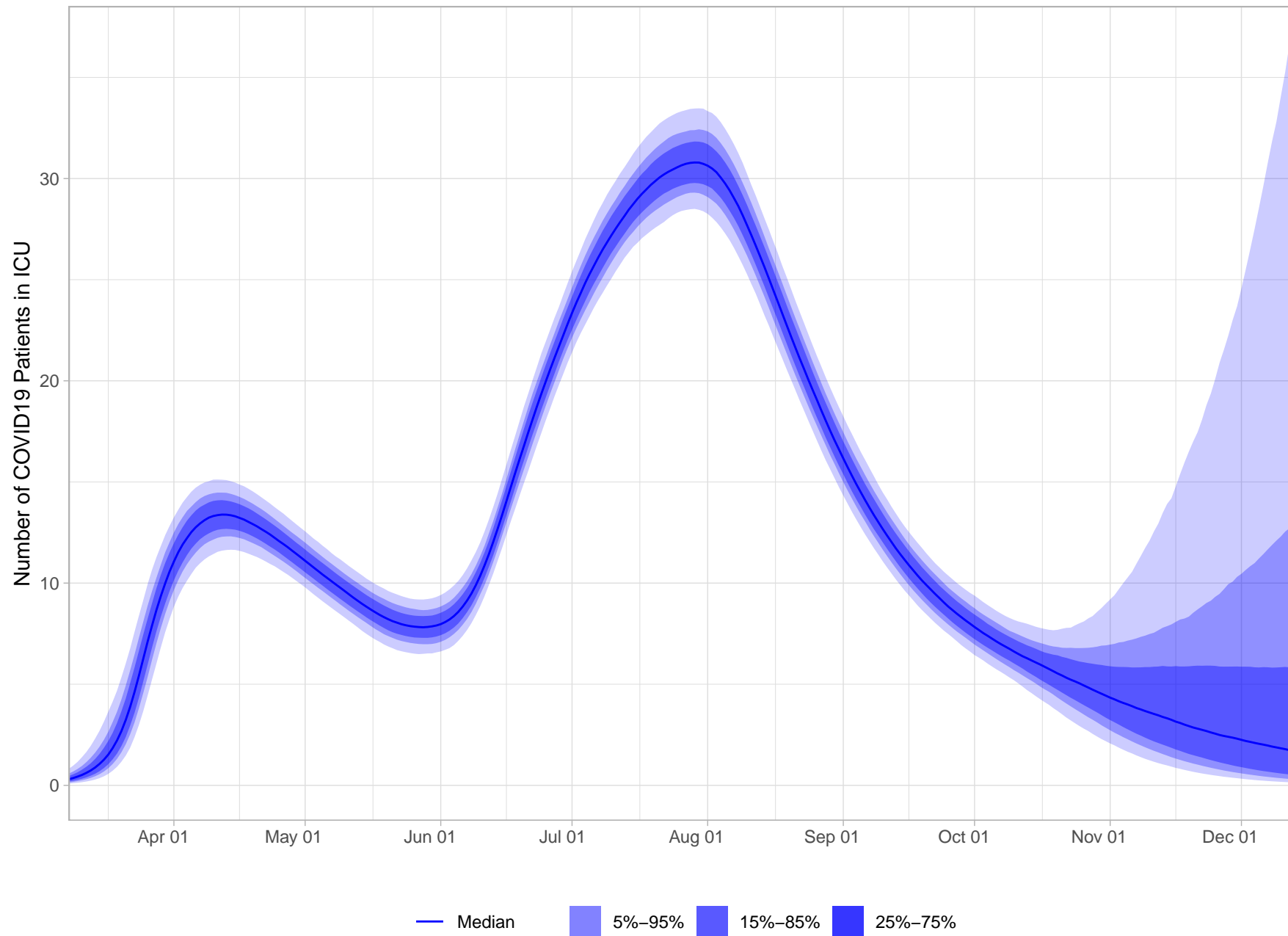
# Short Term ICU Projection

Number of COVID19 Patients in ICU



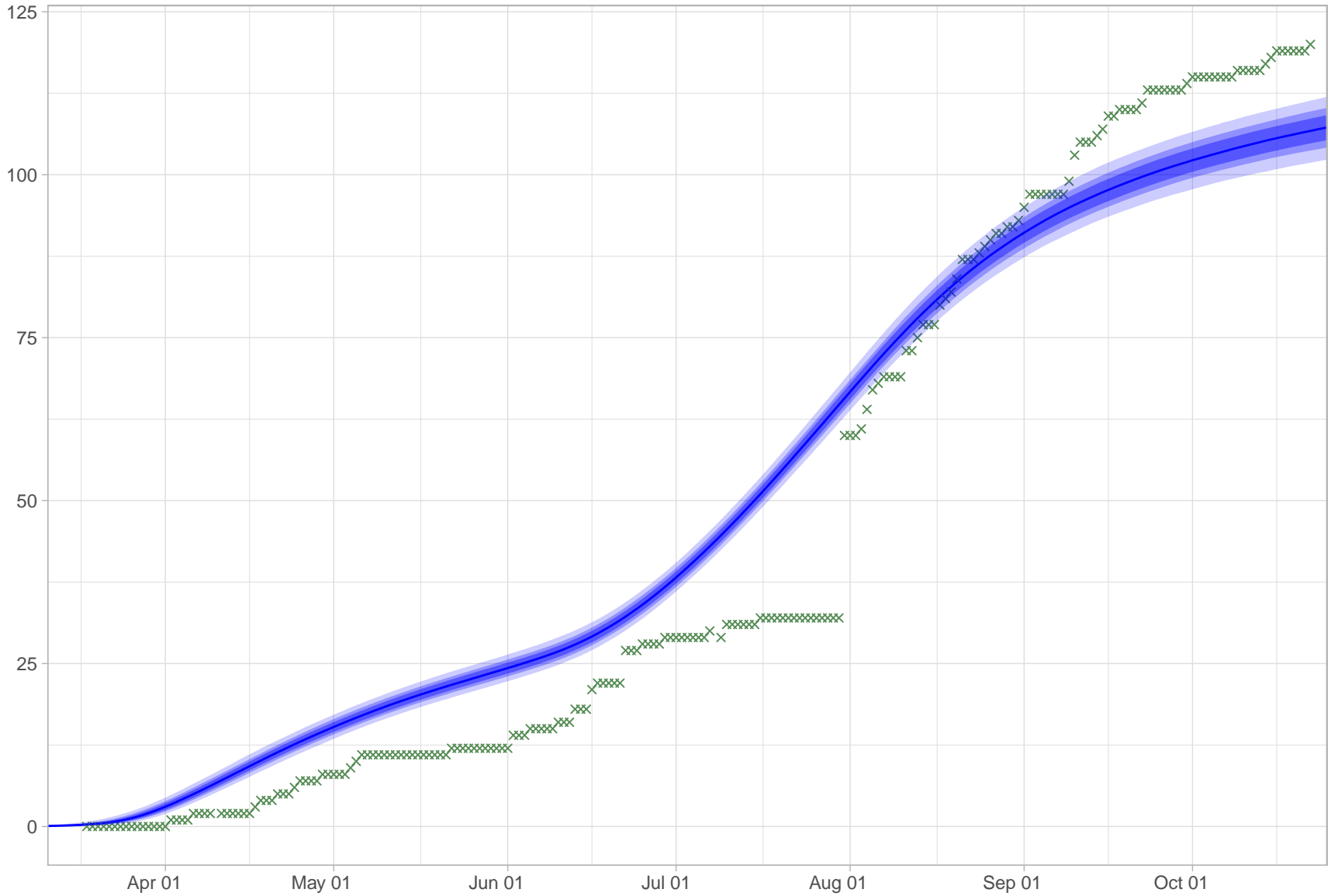
Median × Confirmed × Confirmed + 30%PUI 5%-95% 15%-85% 25%-75%

# Long Term ICU Projection



# Short Term Death Projection

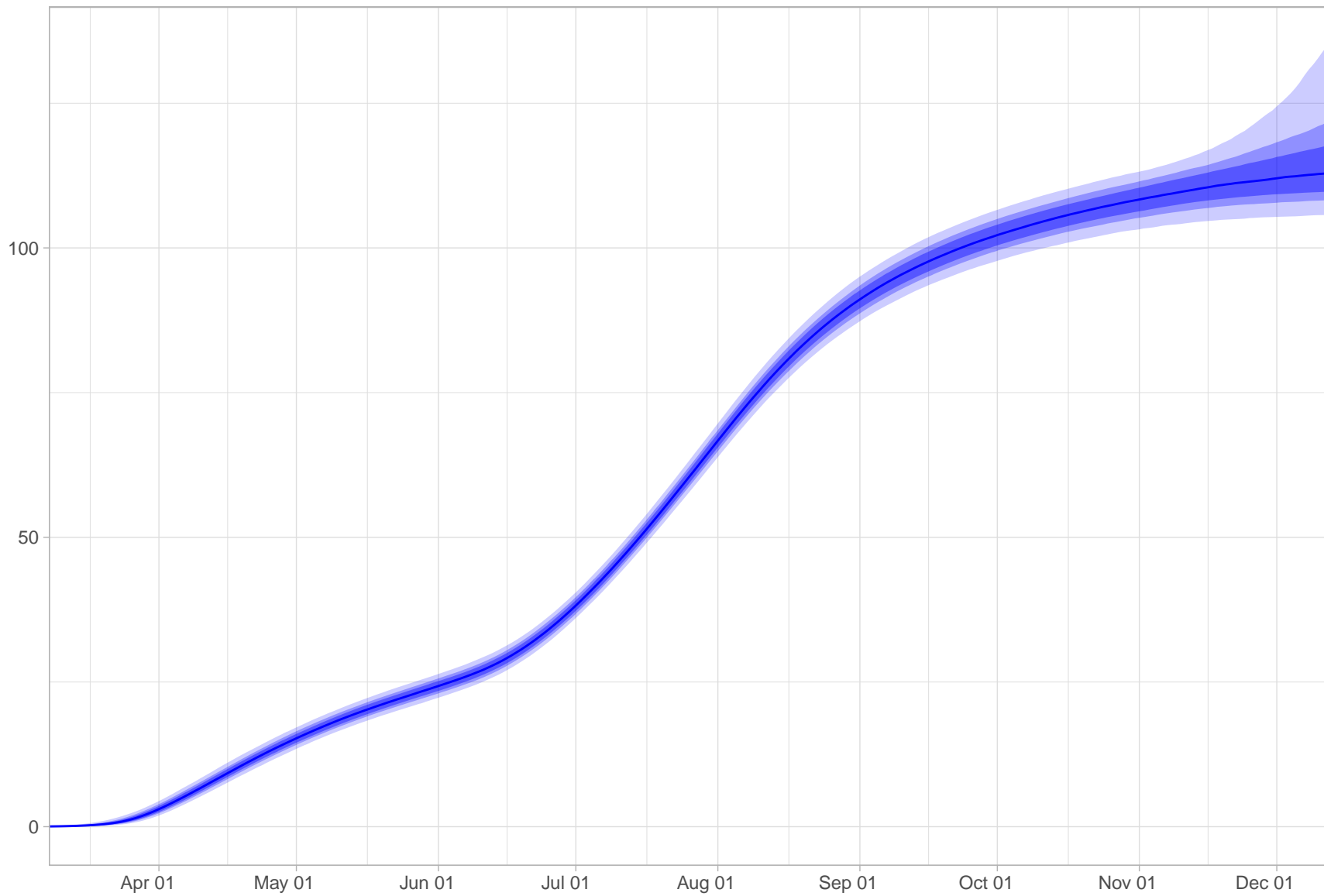
Number of COVID19 Deaths



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

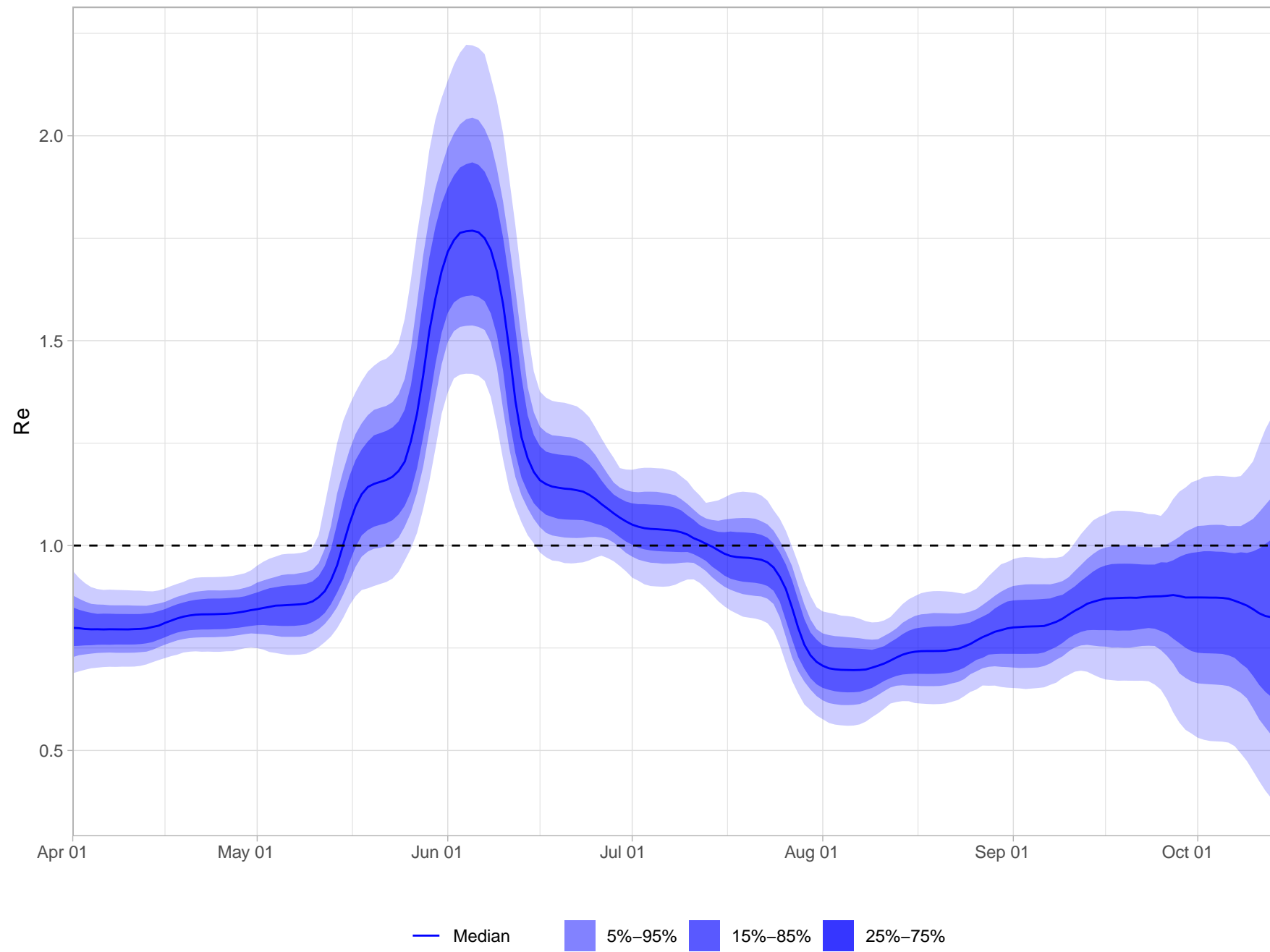
# Long Term Death Projection

Number of COVID19 Deaths



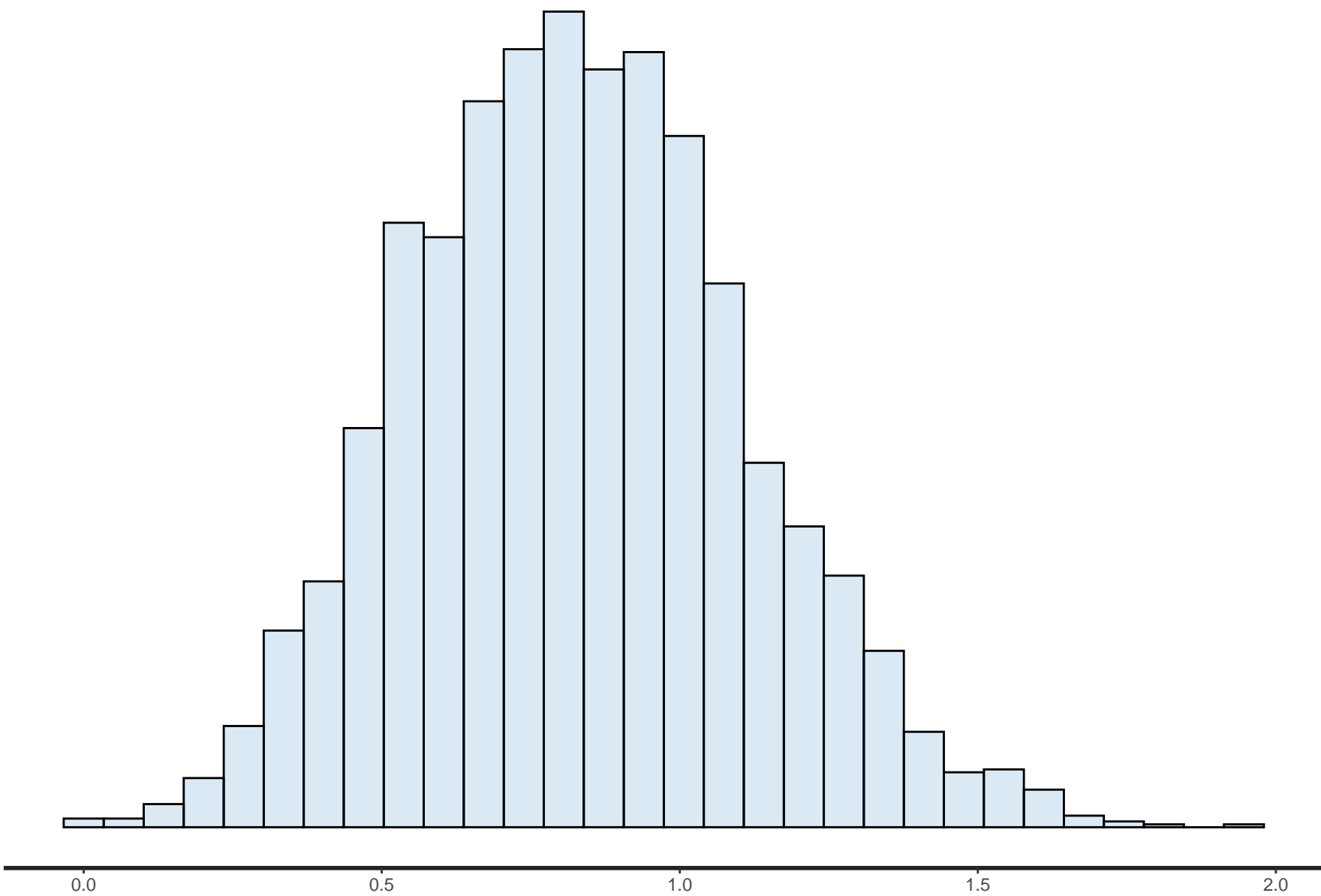
— Median    5%-95%    15%-85%    25%-75%

Effective Reproduction Number

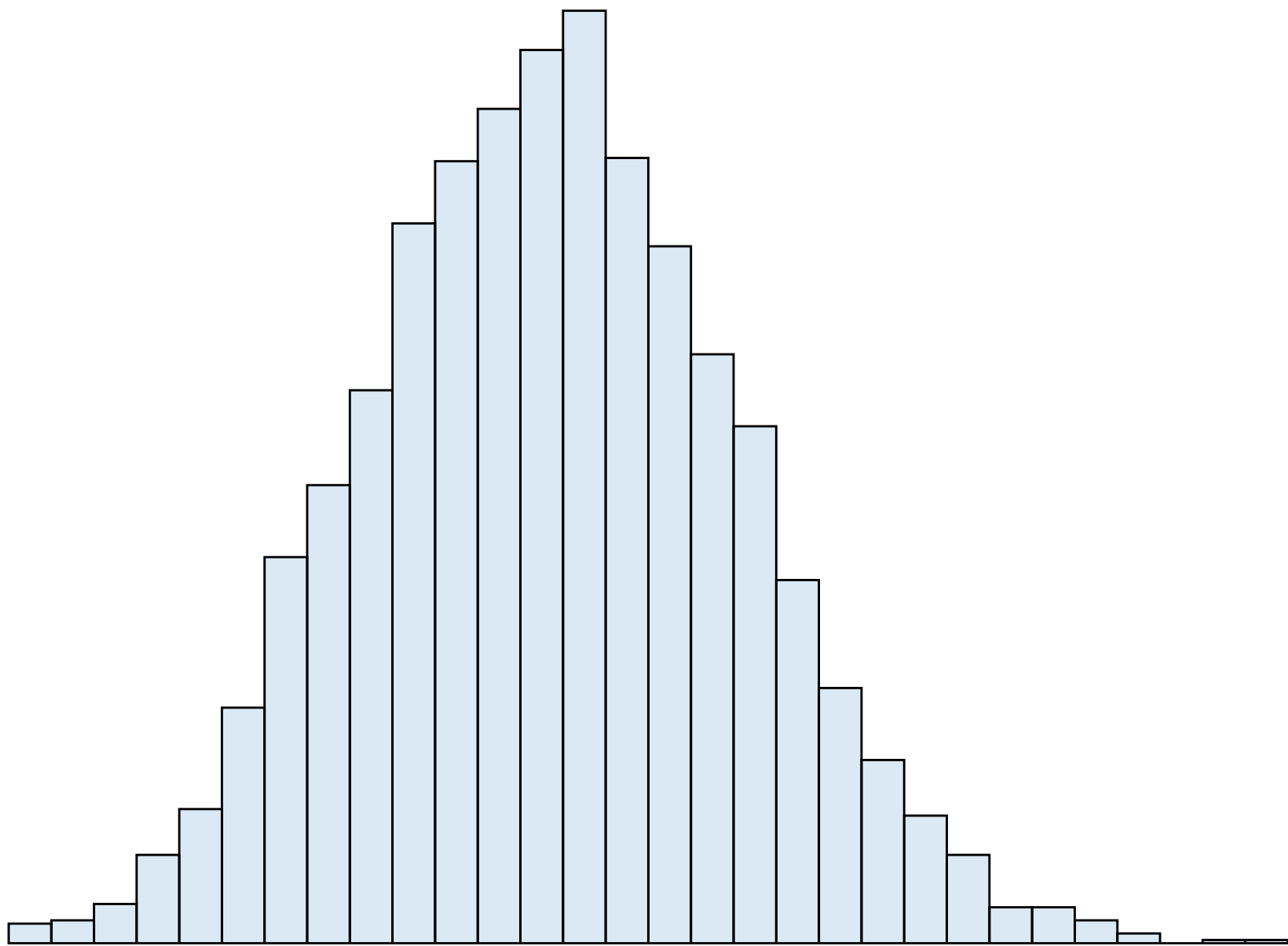


# Rt as of 2020-10-13

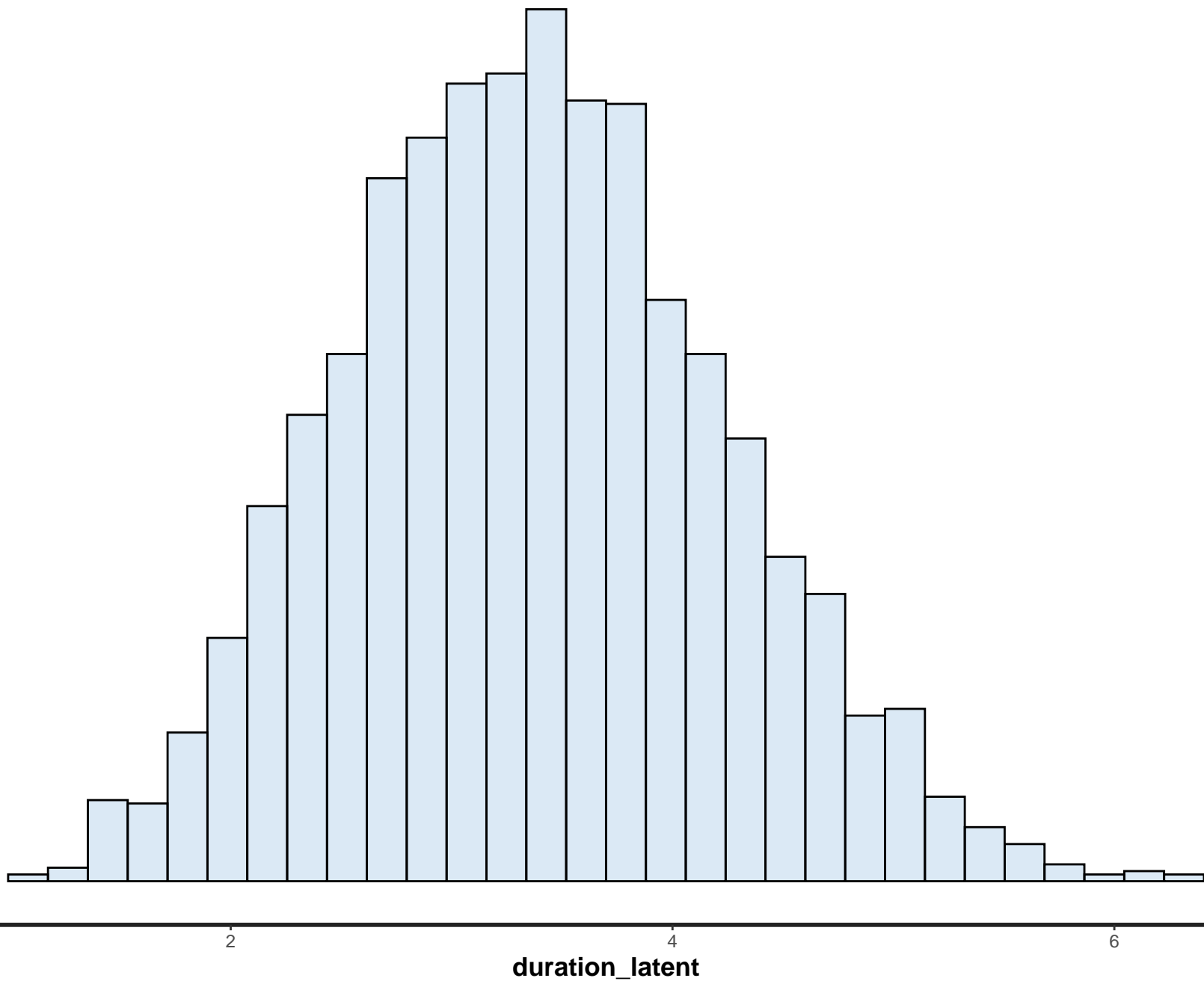
5% 10% 25% 50% 75% 90% 95%  
0.38 0.48 0.63 0.82 1.01 1.20 1.31

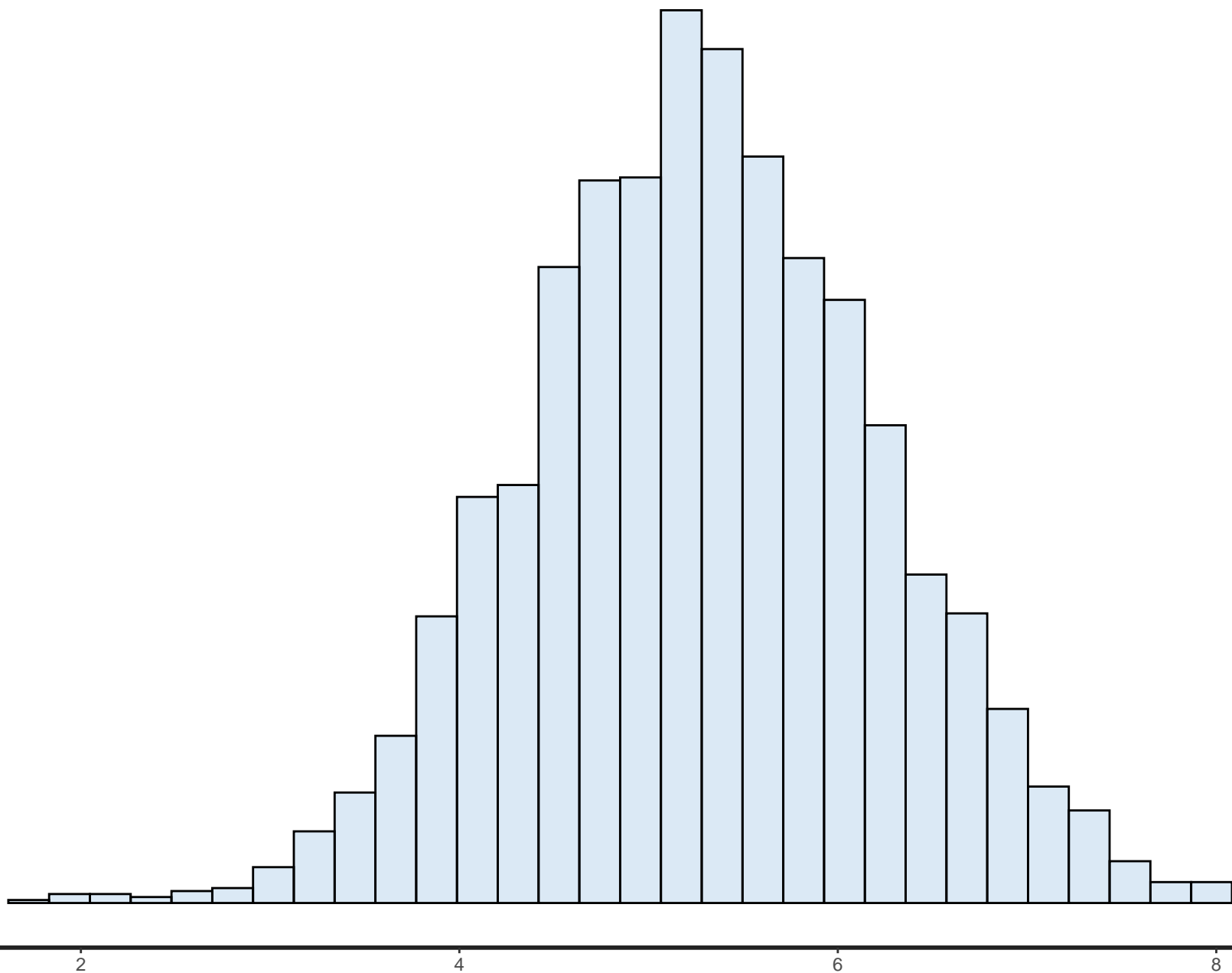


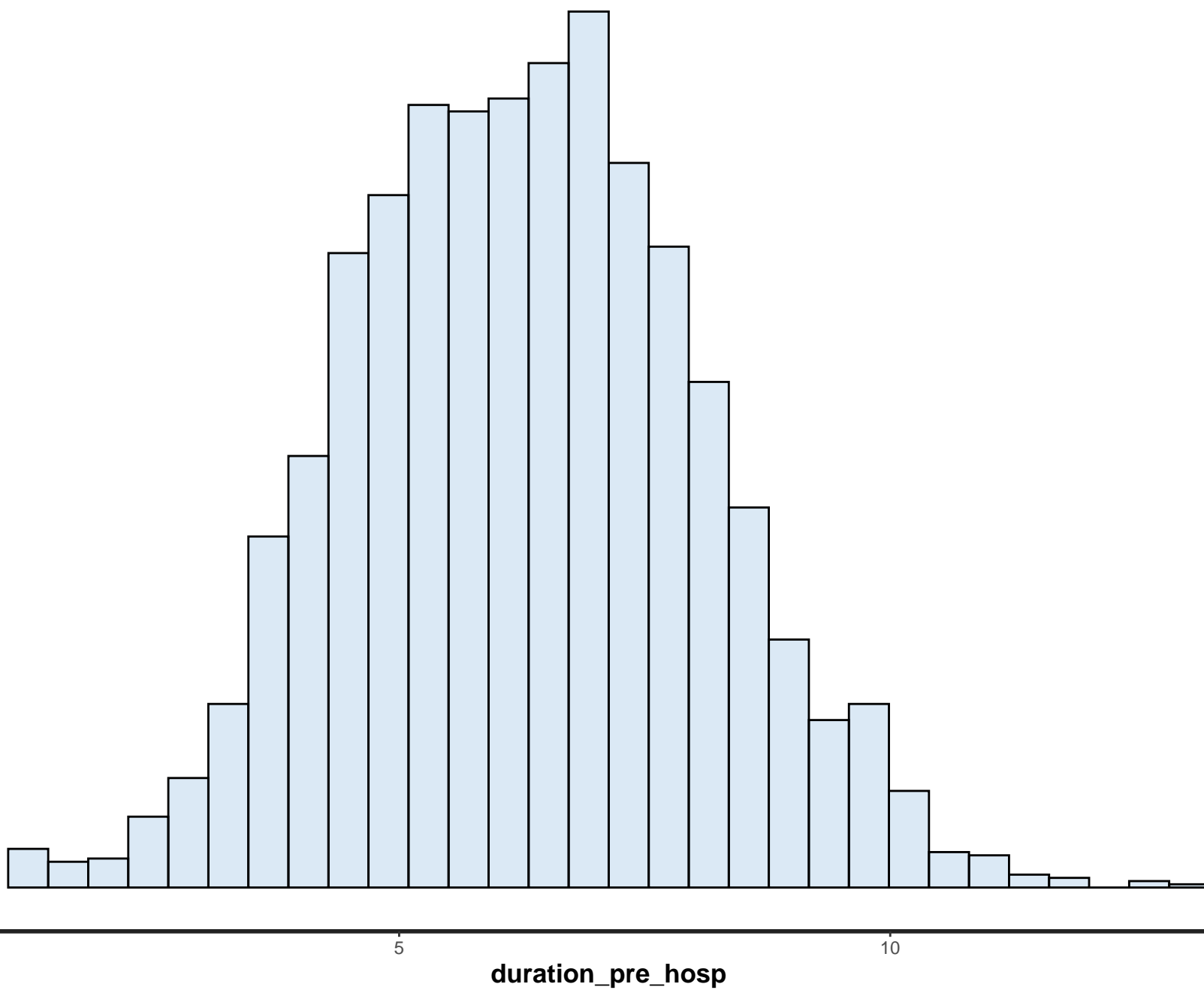


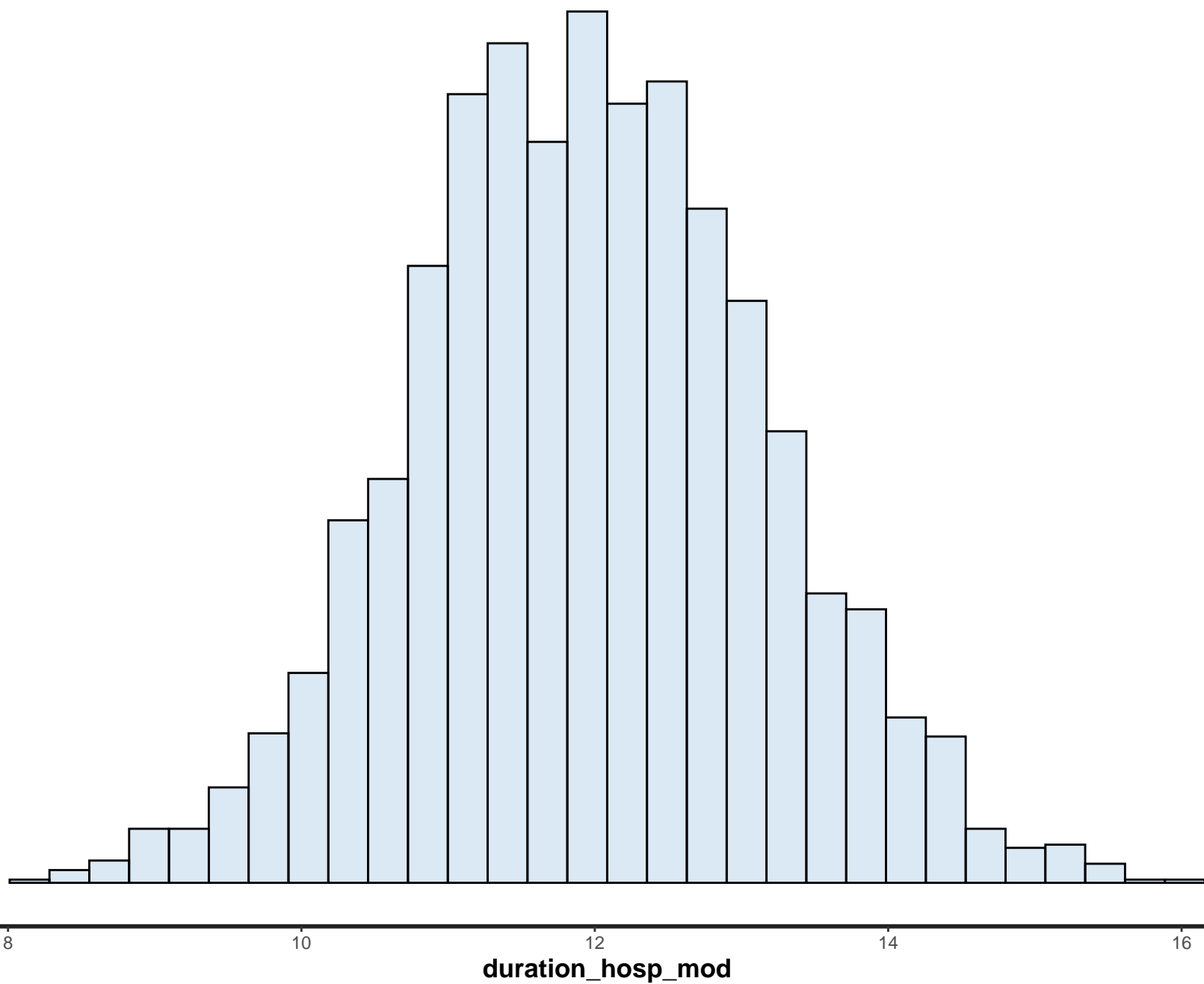


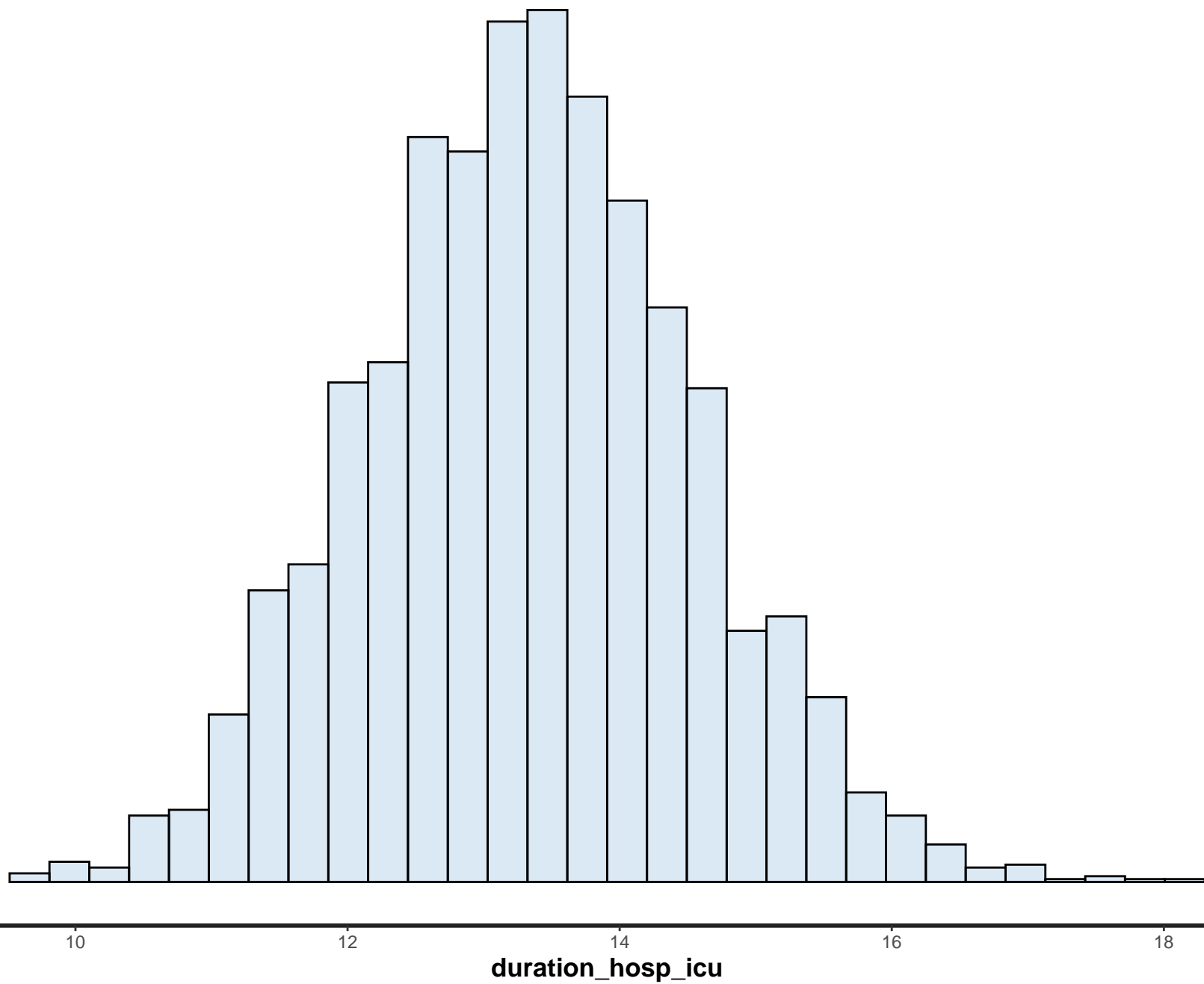
$r_0$

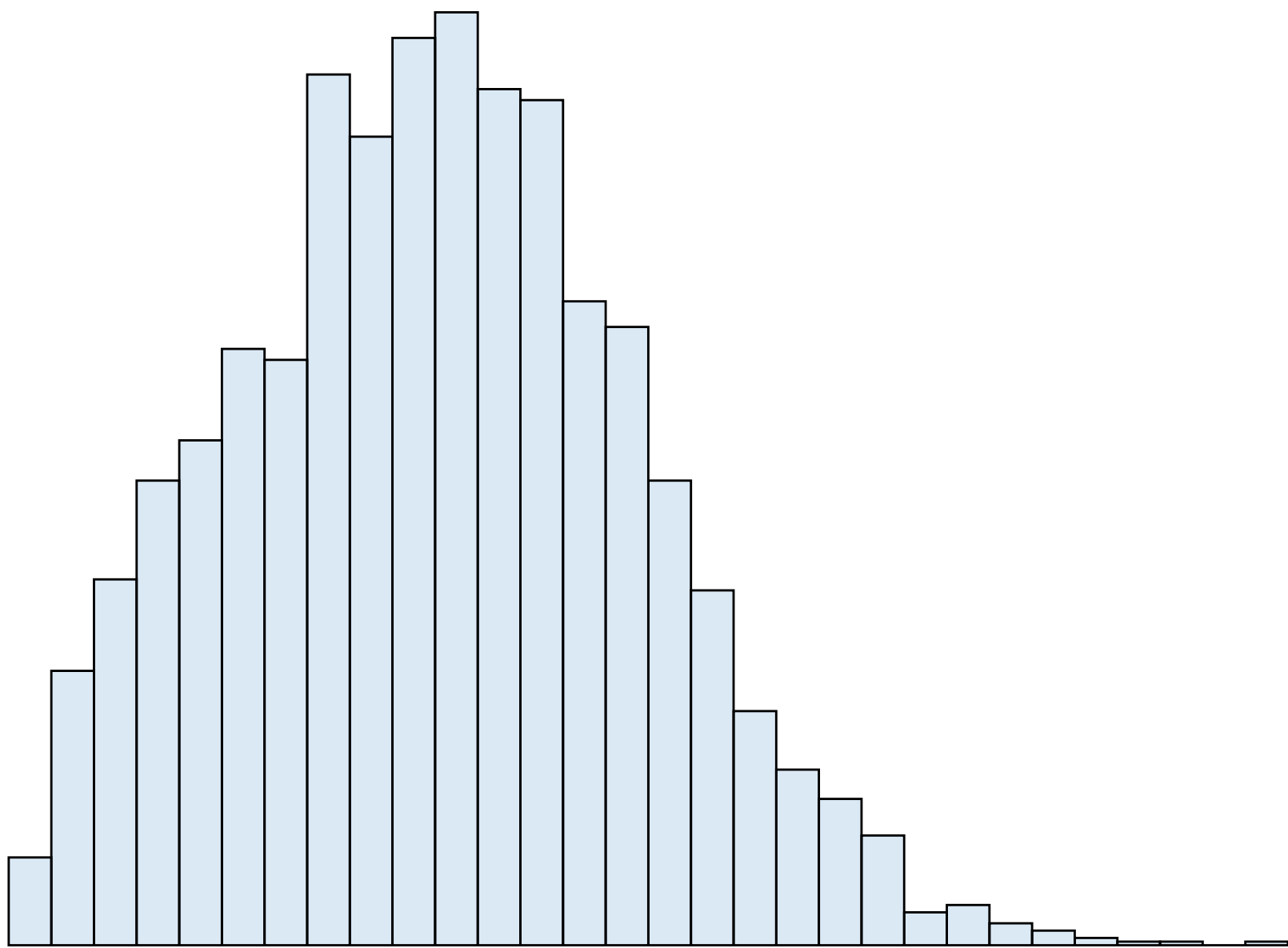












0.00

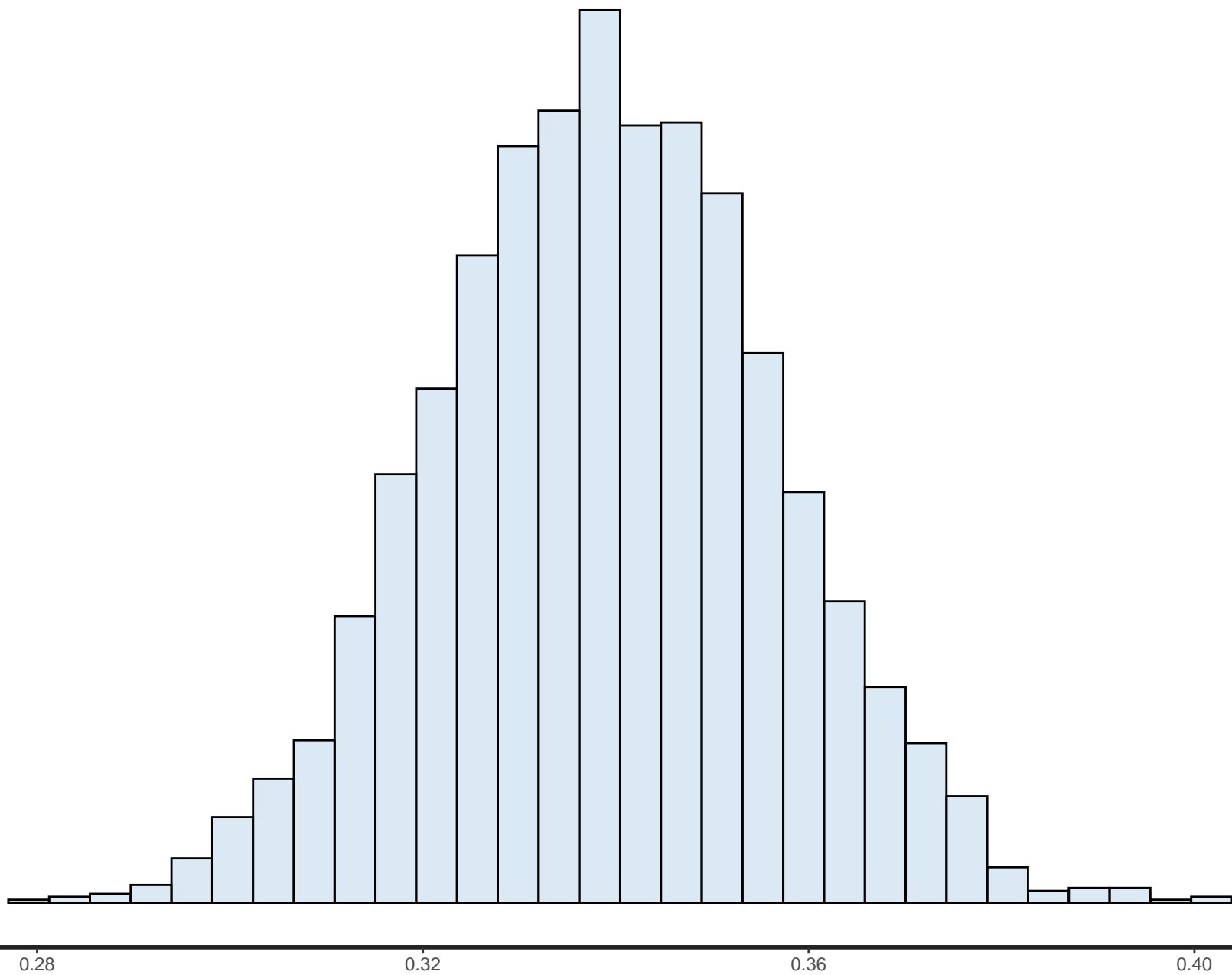
0.03

0.06

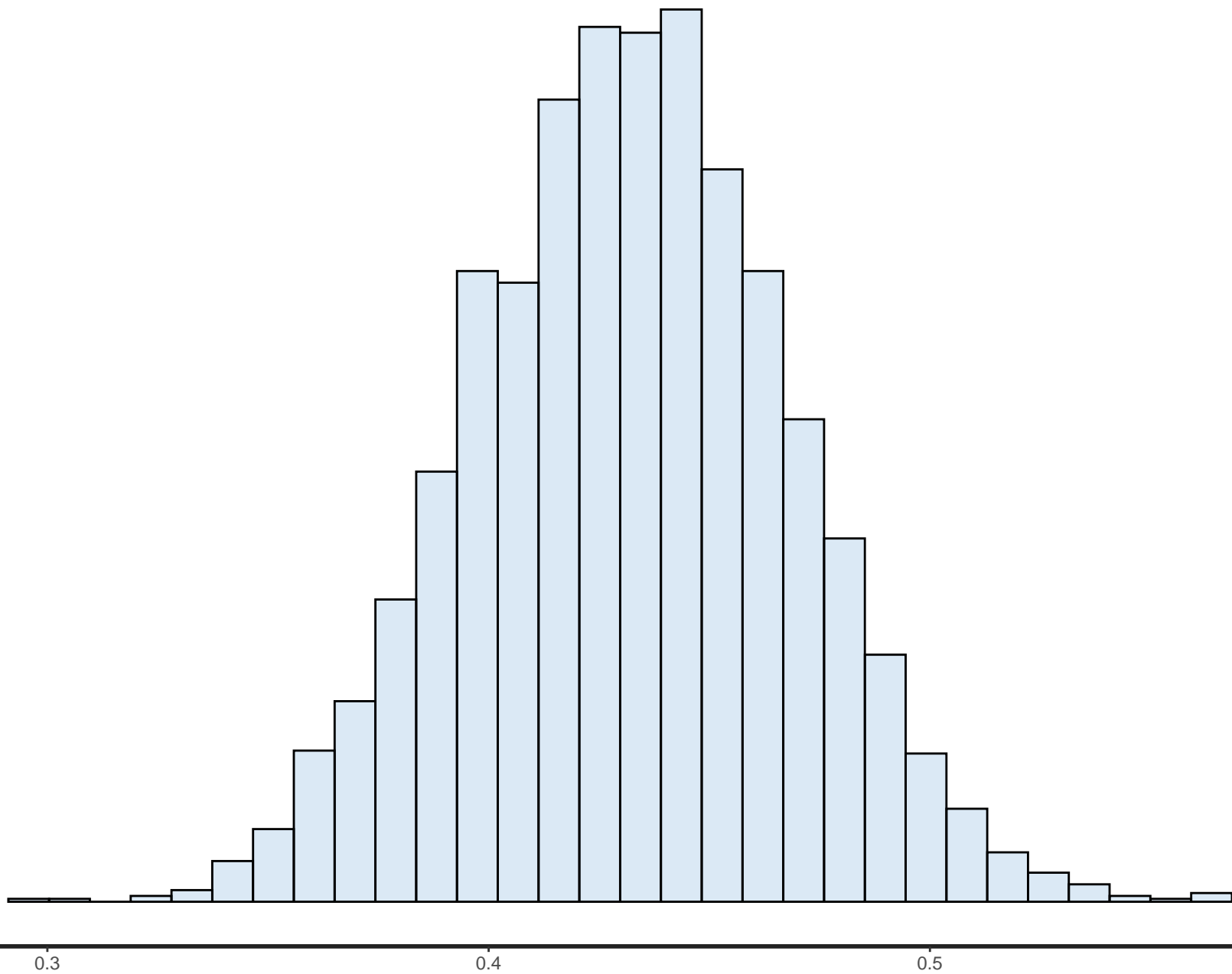
0.09

0.12

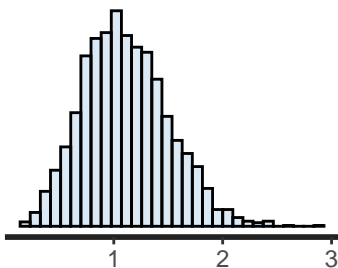
**frac\_hosp**



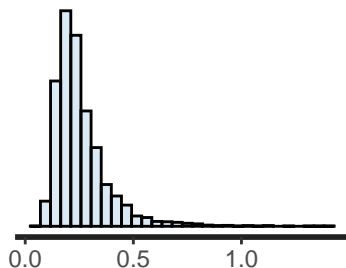




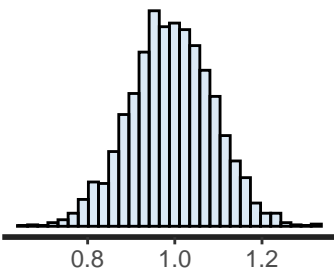
**beta\_multiplier[1]**



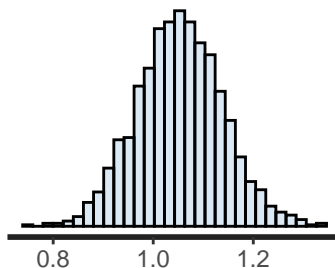
**beta\_multiplier[2]**



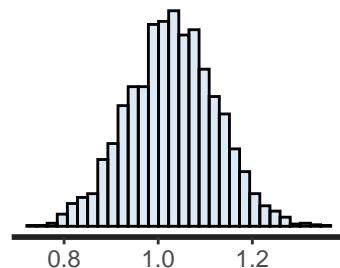
**beta\_multiplier[3]**



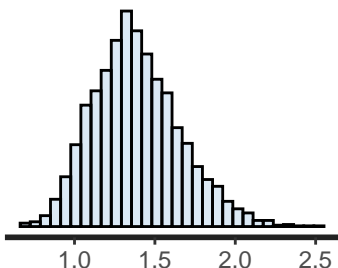
**beta\_multiplier[4]**



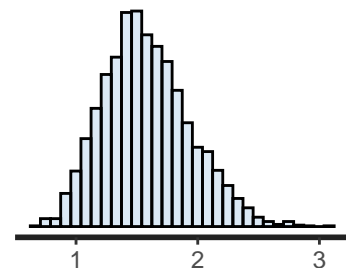
**beta\_multiplier[5]**



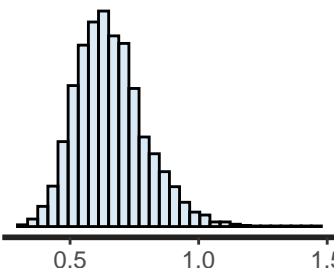
**beta\_multiplier[6]**



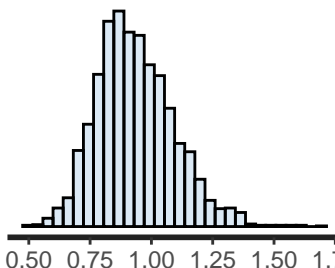
**beta\_multiplier[7]**



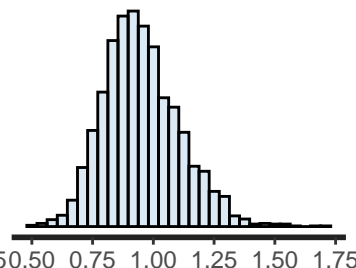
**beta\_multiplier[8]**



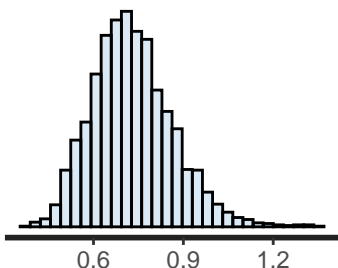
**beta\_multiplier[9]**



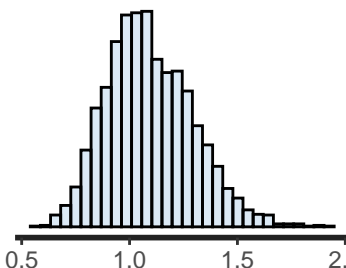
**beta\_multiplier[10]**



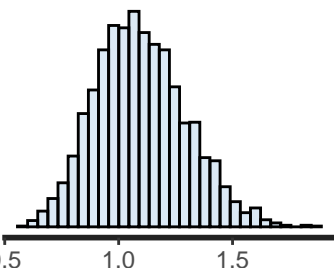
**beta\_multiplier[11]**



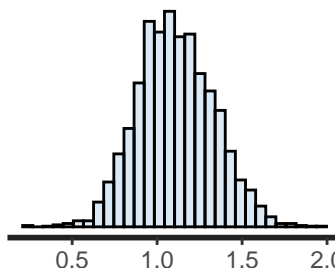
**beta\_multiplier[12]**



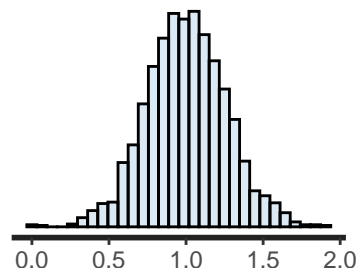
**beta\_multiplier[13]**



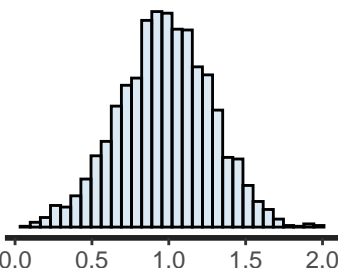
**beta\_multiplier[14]**



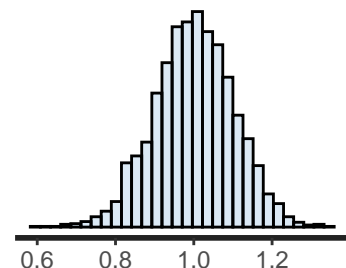
**beta\_multiplier[15]**

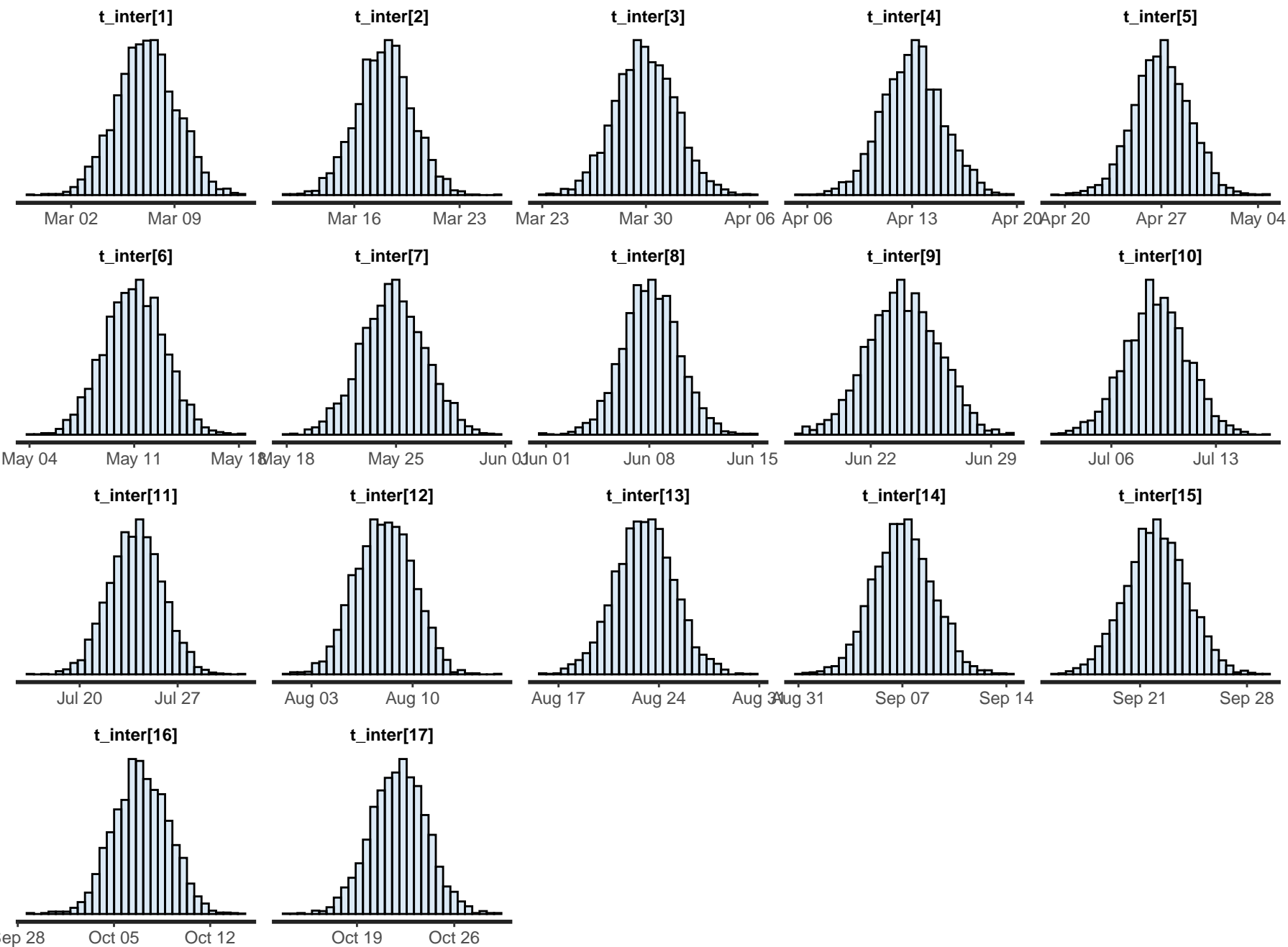


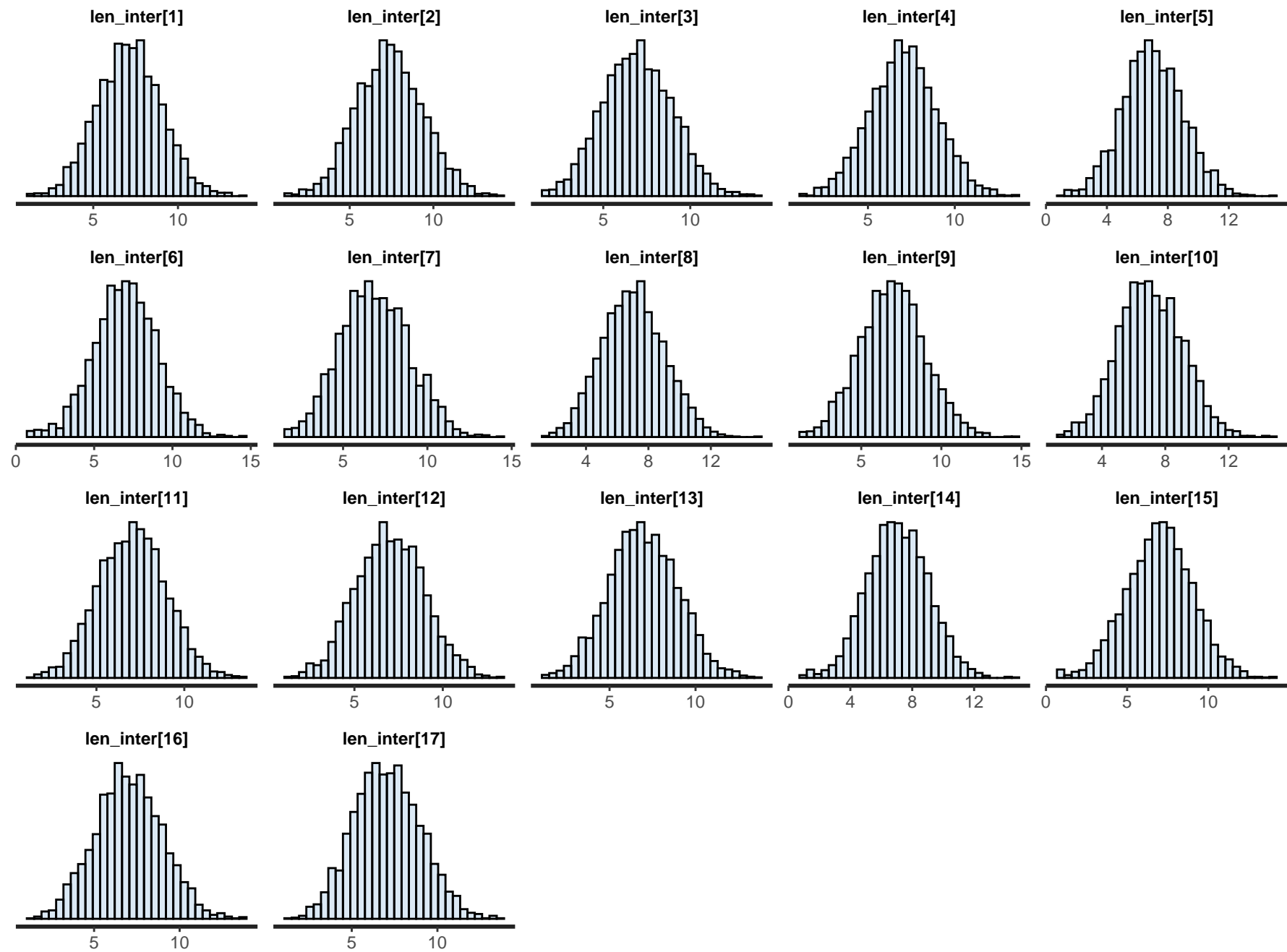
**beta\_multiplier[16]**



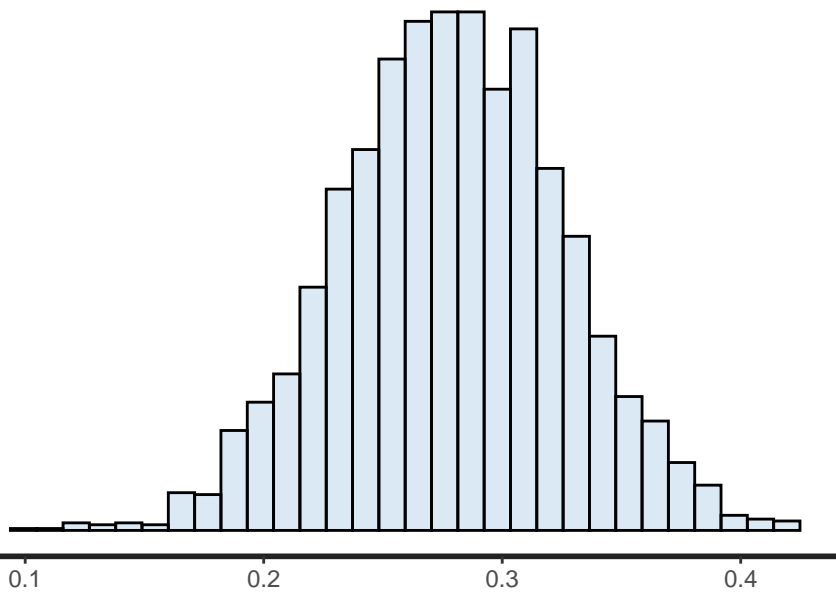
**beta\_multiplier[17]**



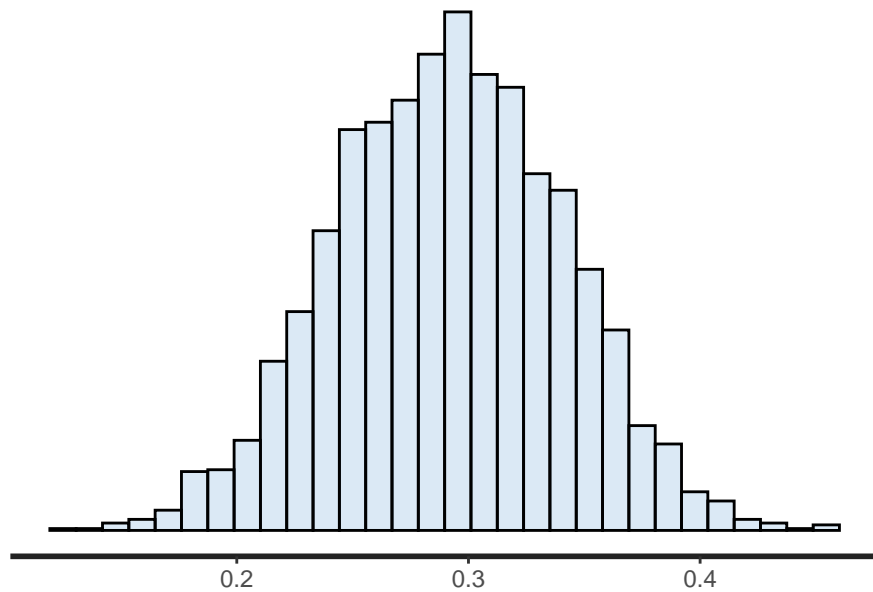




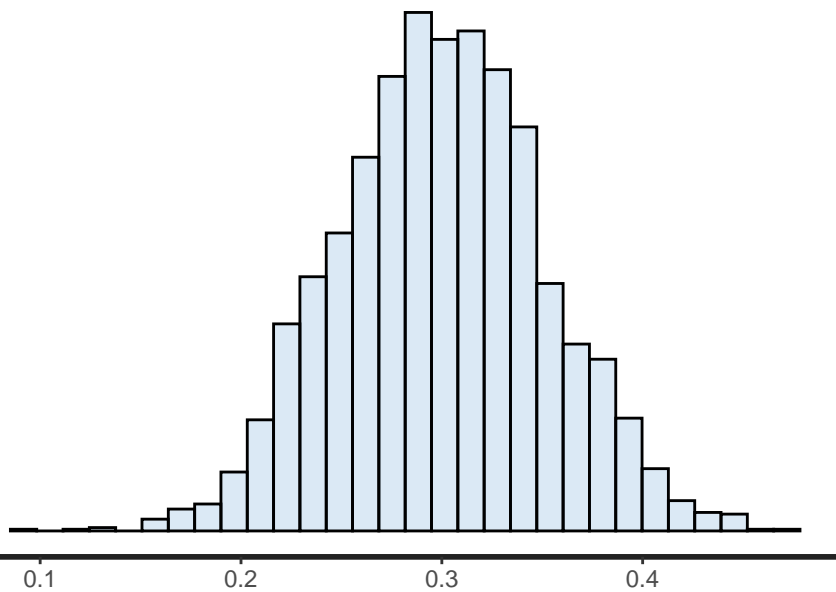
frac\_PUI[1]



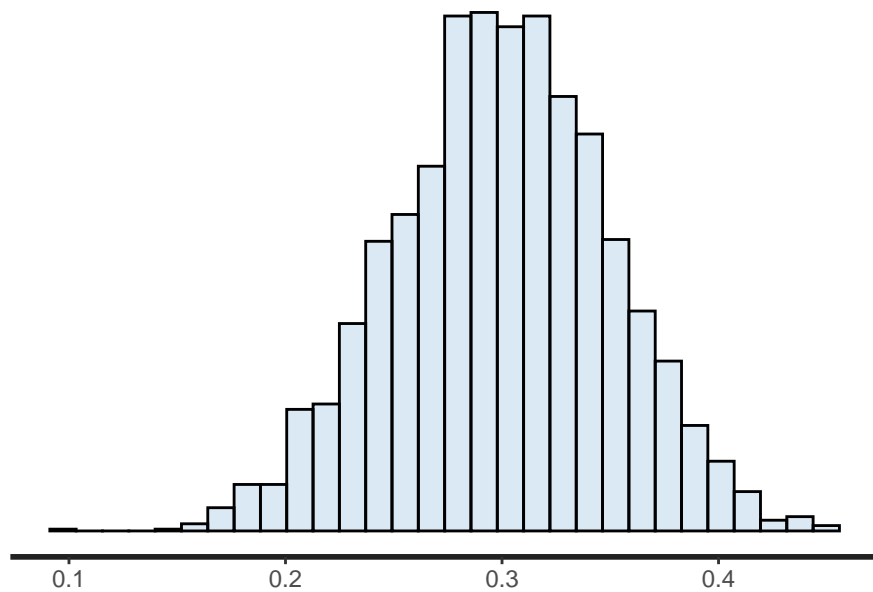
frac\_PUI[2]

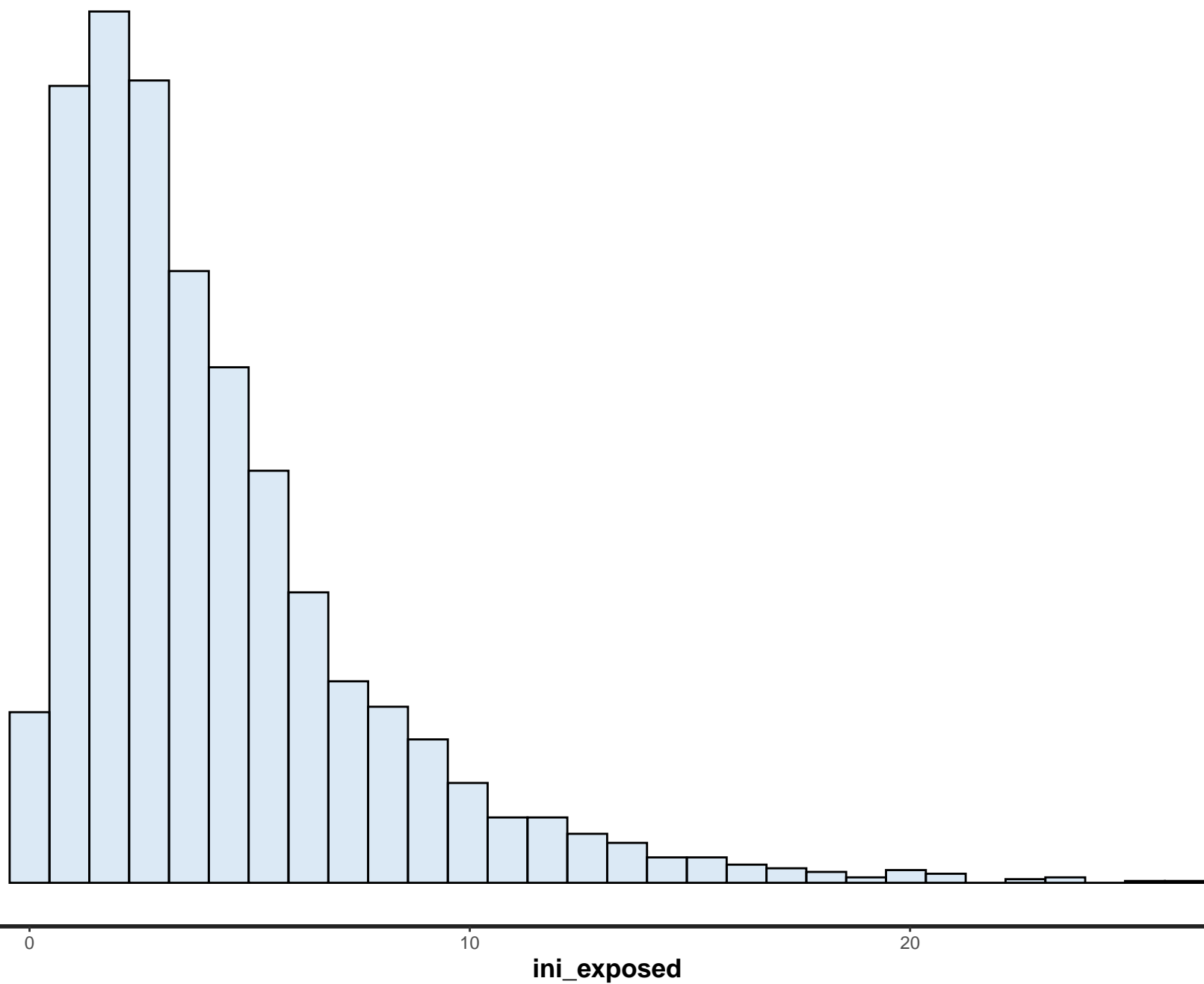


frac\_PUI[3]

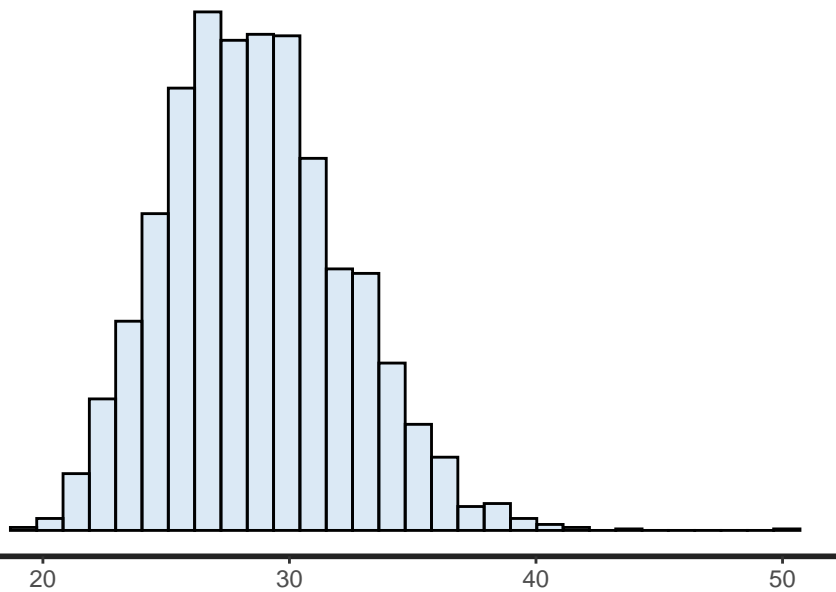


frac\_PUI[4]

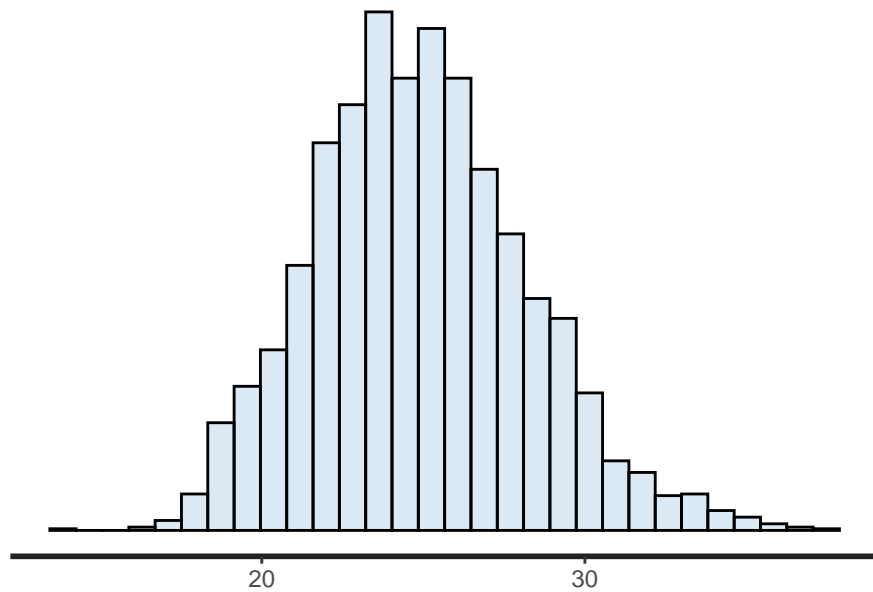




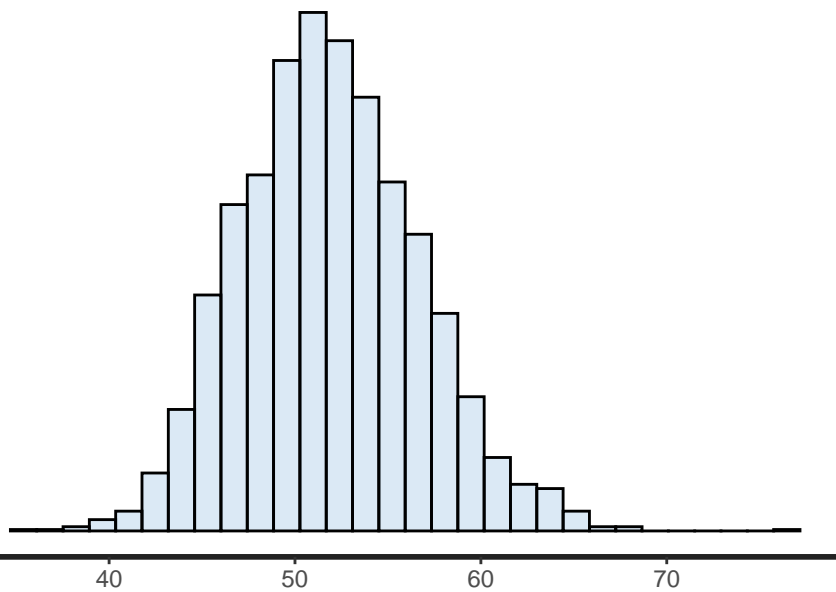
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

