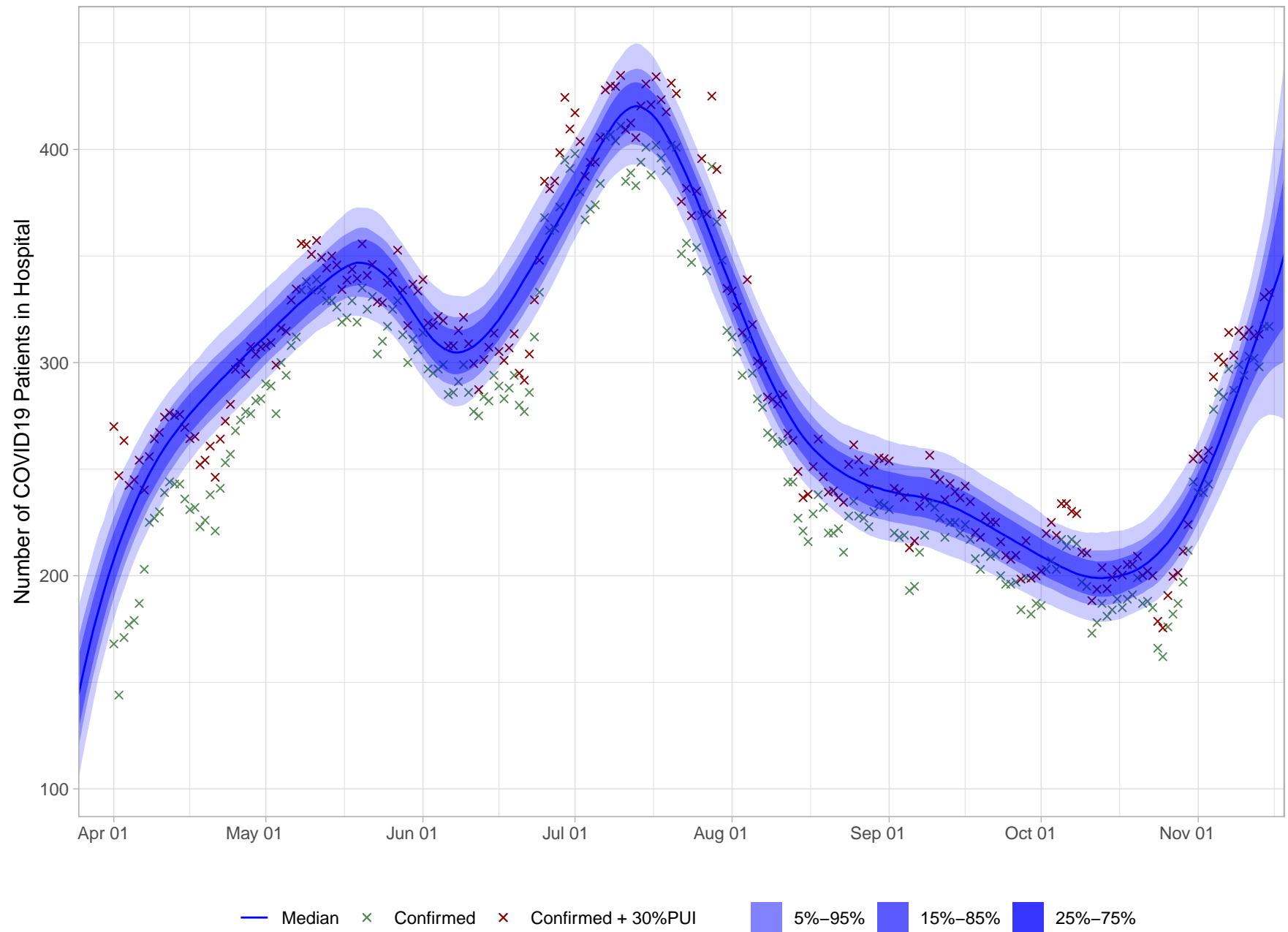
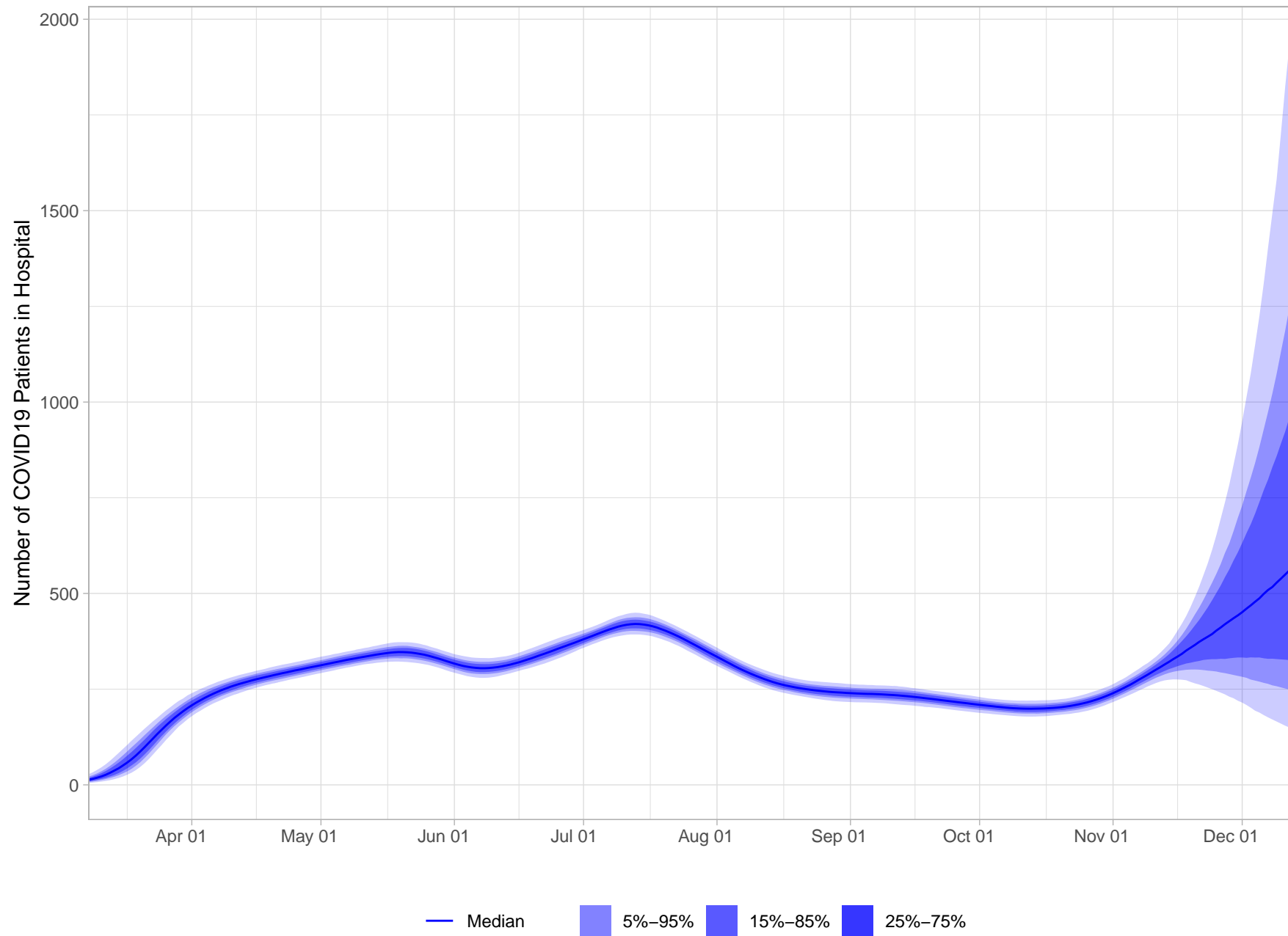


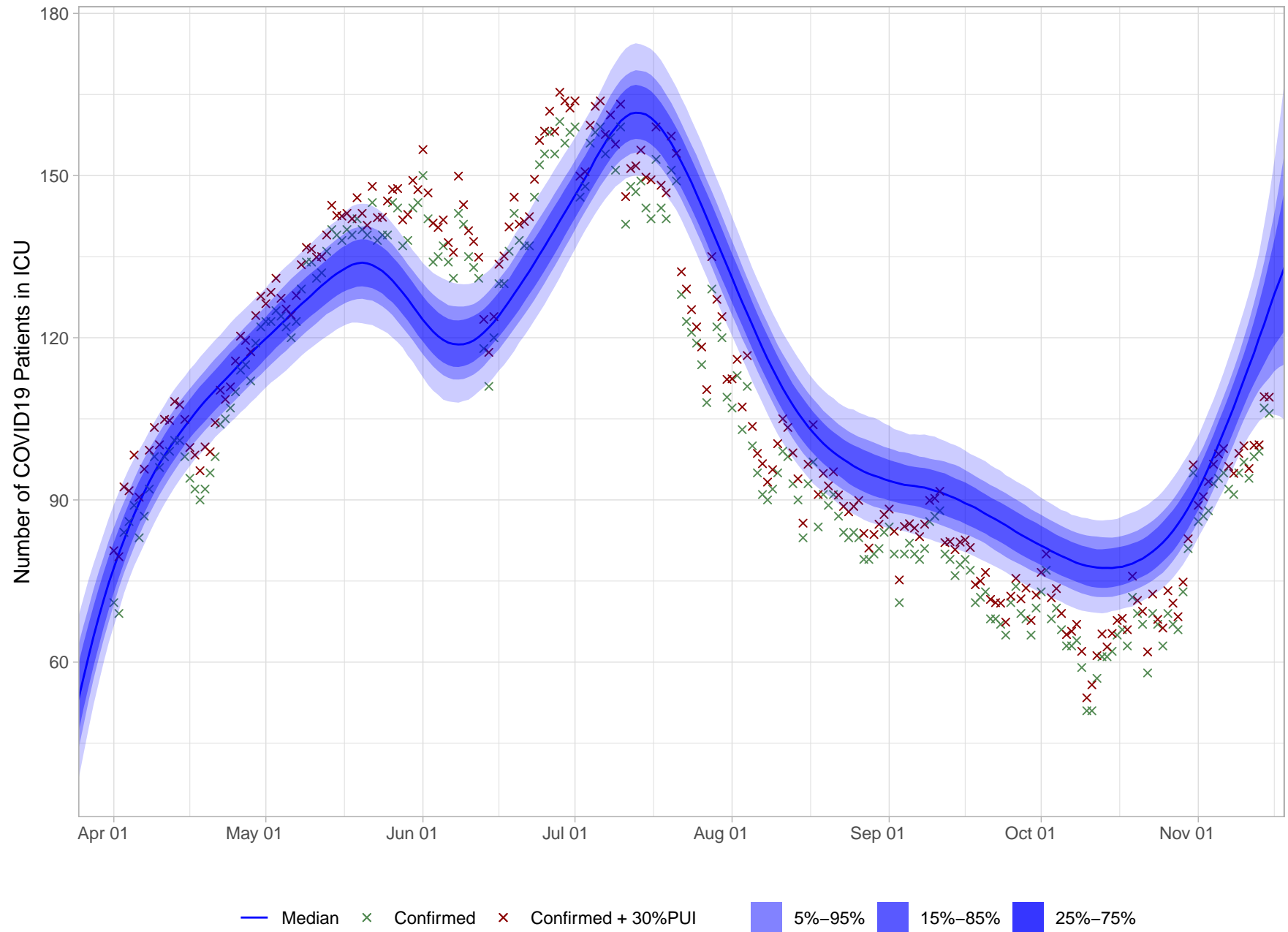
# Short Term Hospitalization Projection



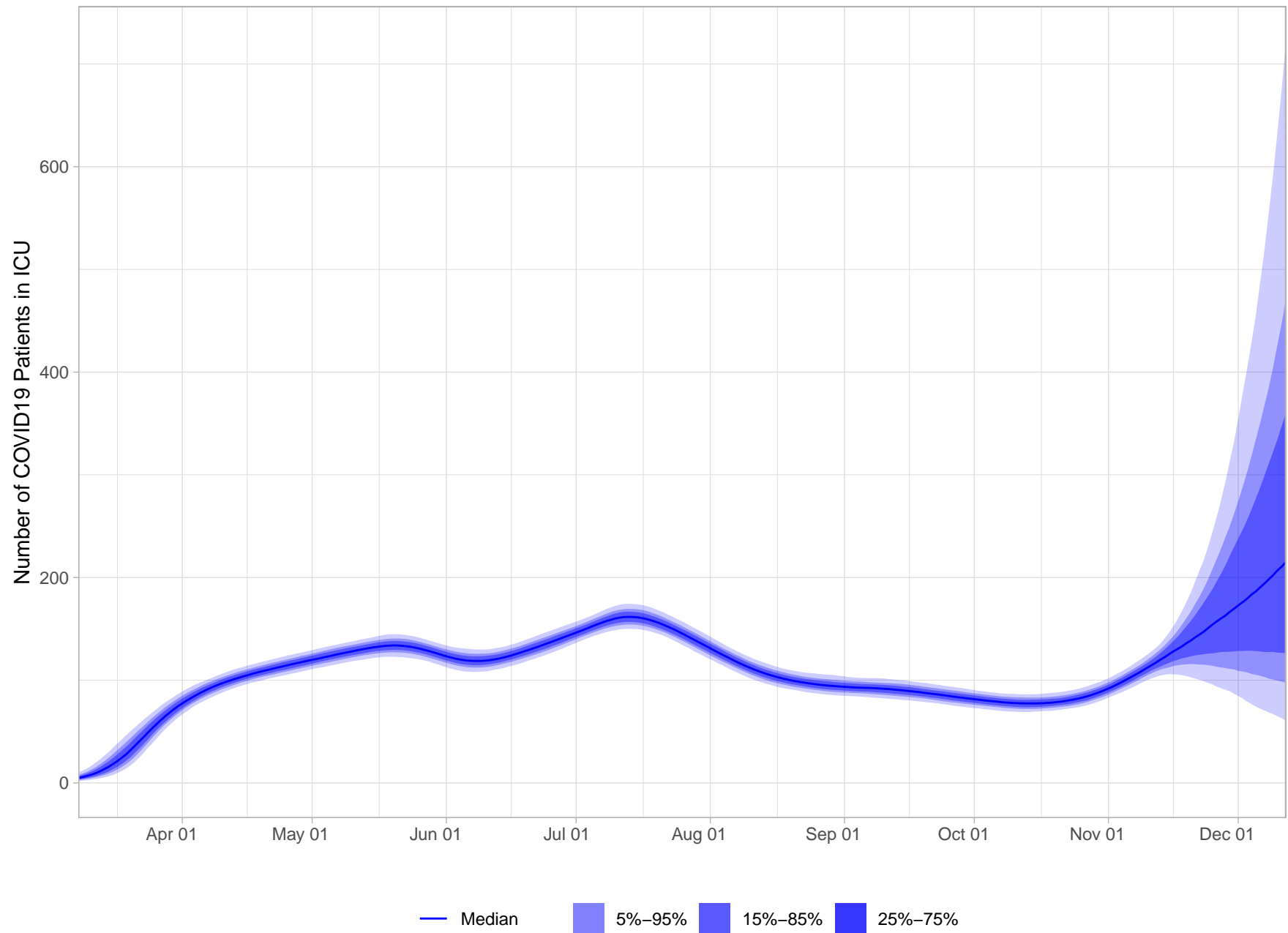
# Long Term Hospitalization Projection



# Short Term ICU Projection

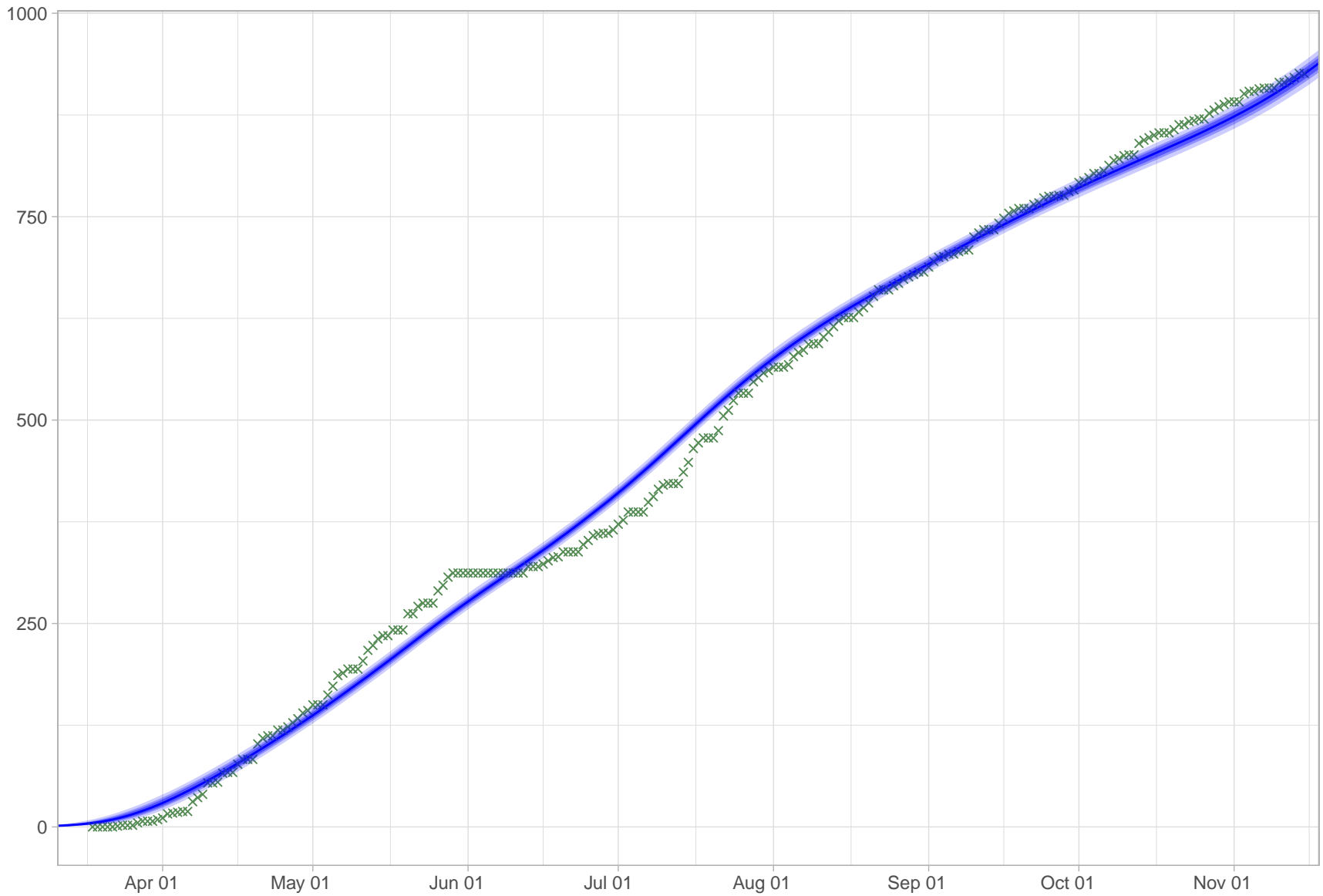


# Long Term ICU Projection



# Short Term Death Projection

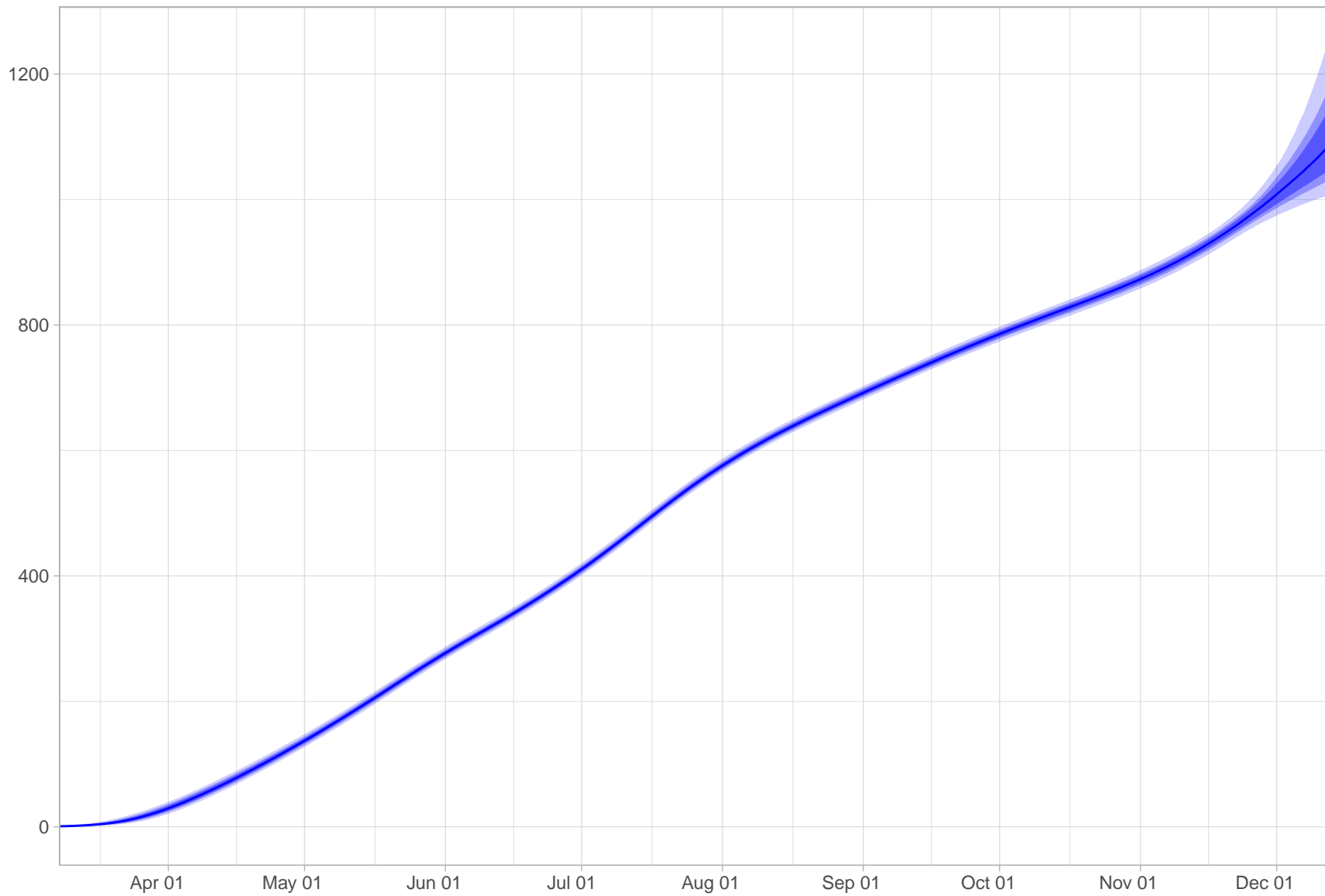
Number of COVID19 Deaths



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

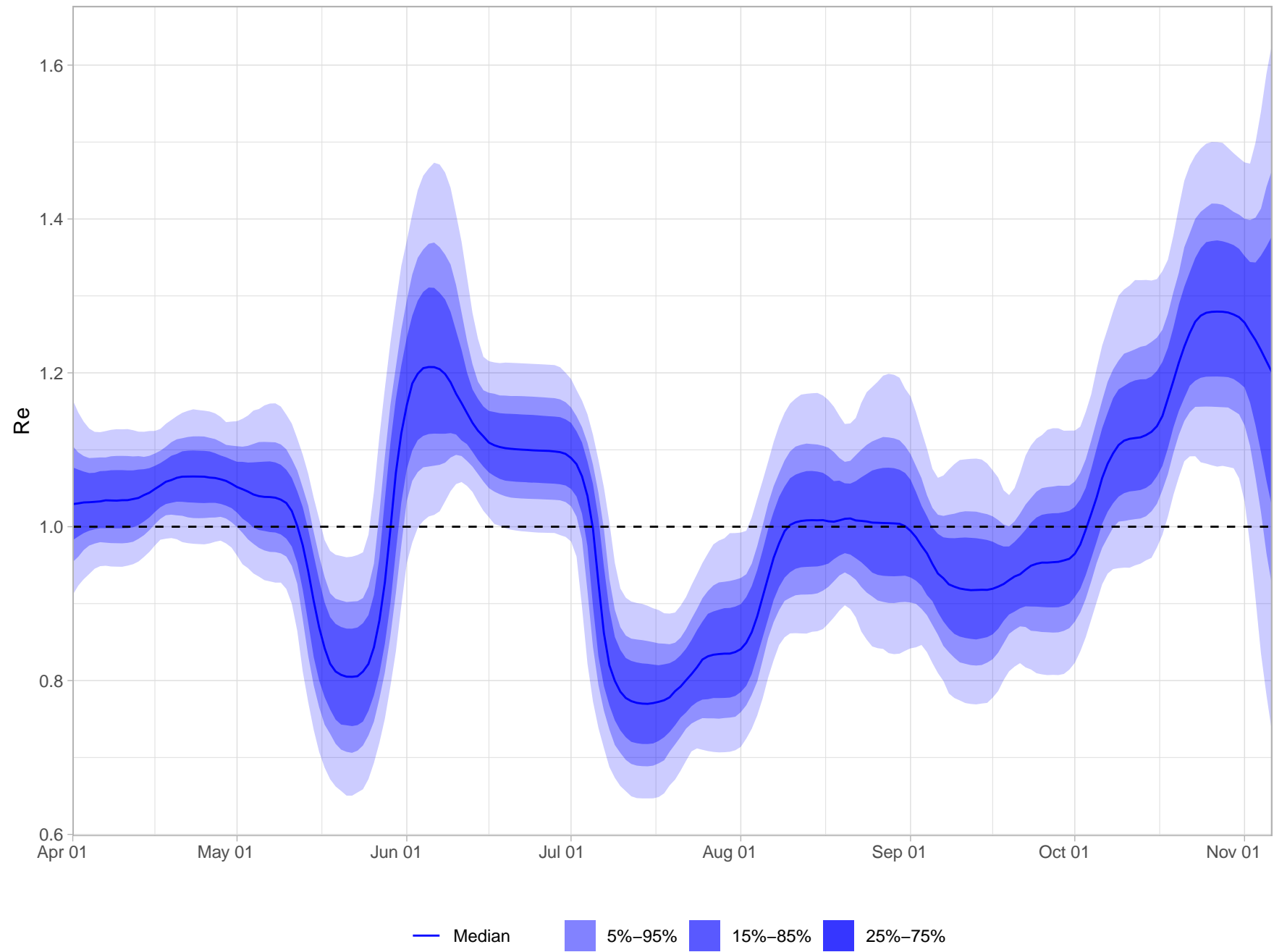
# Long Term Death Projection

Number of COVID19 Deaths



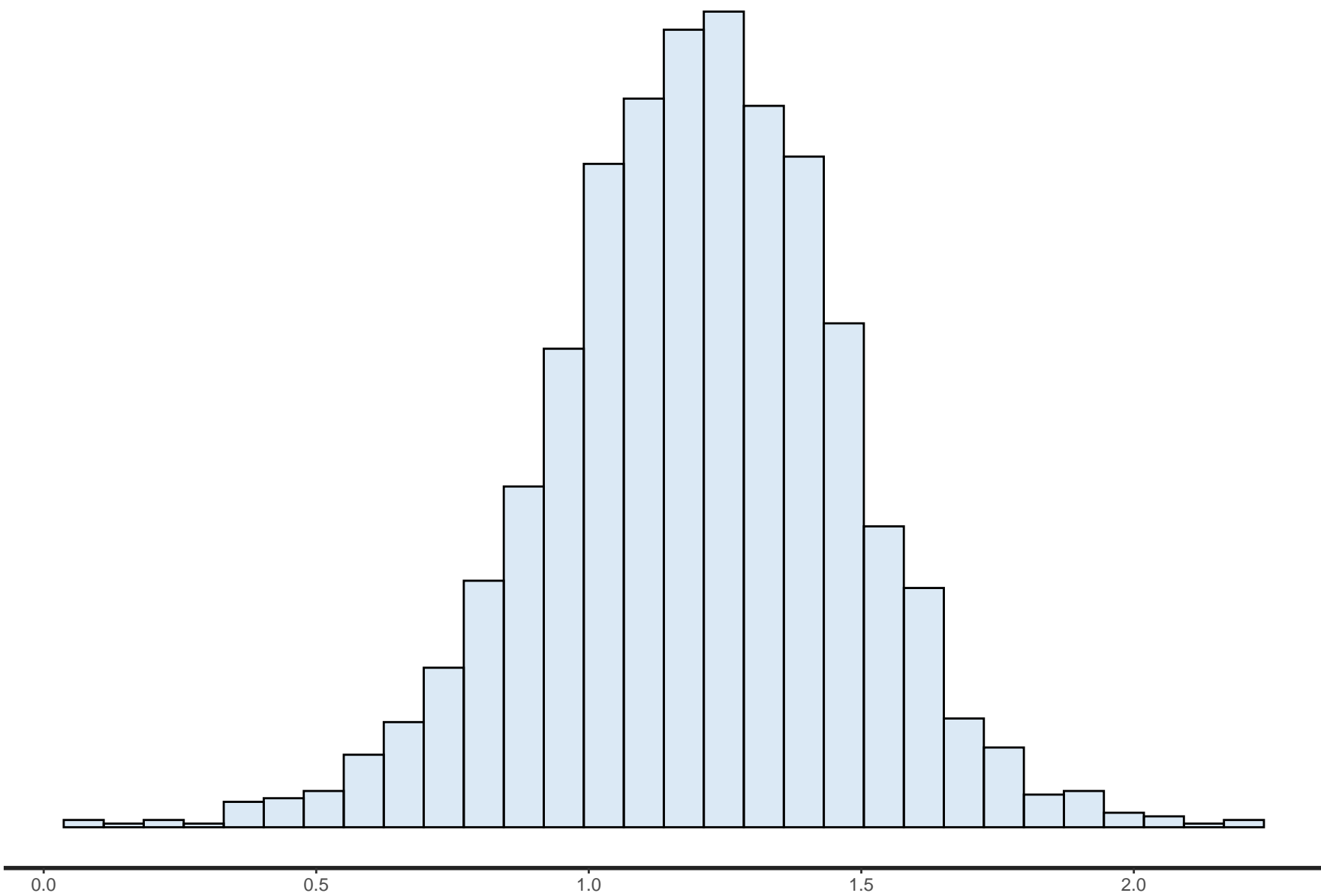
— Median    5%-95%    15%-85%    25%-75%

Effective Reproduction Number

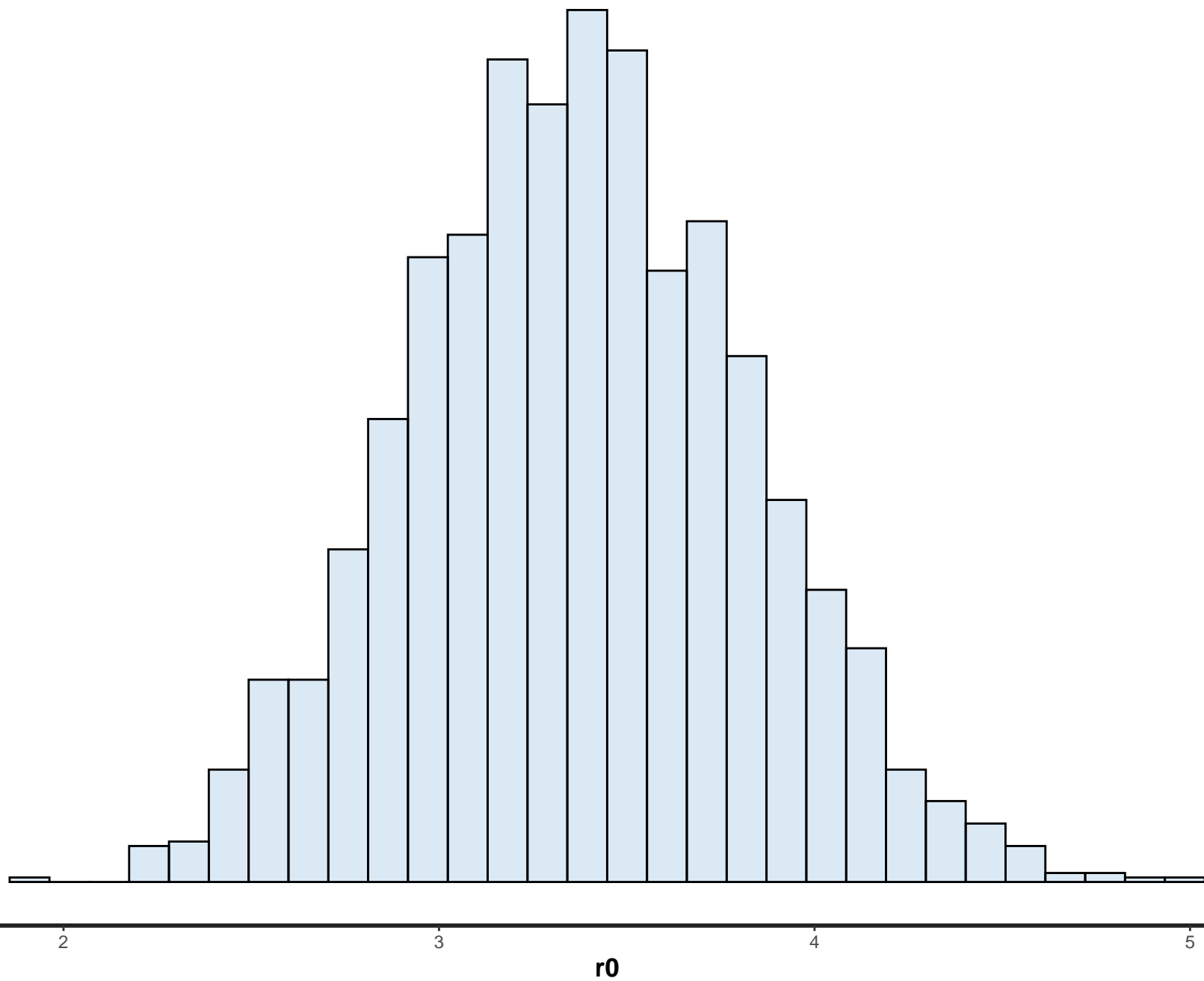


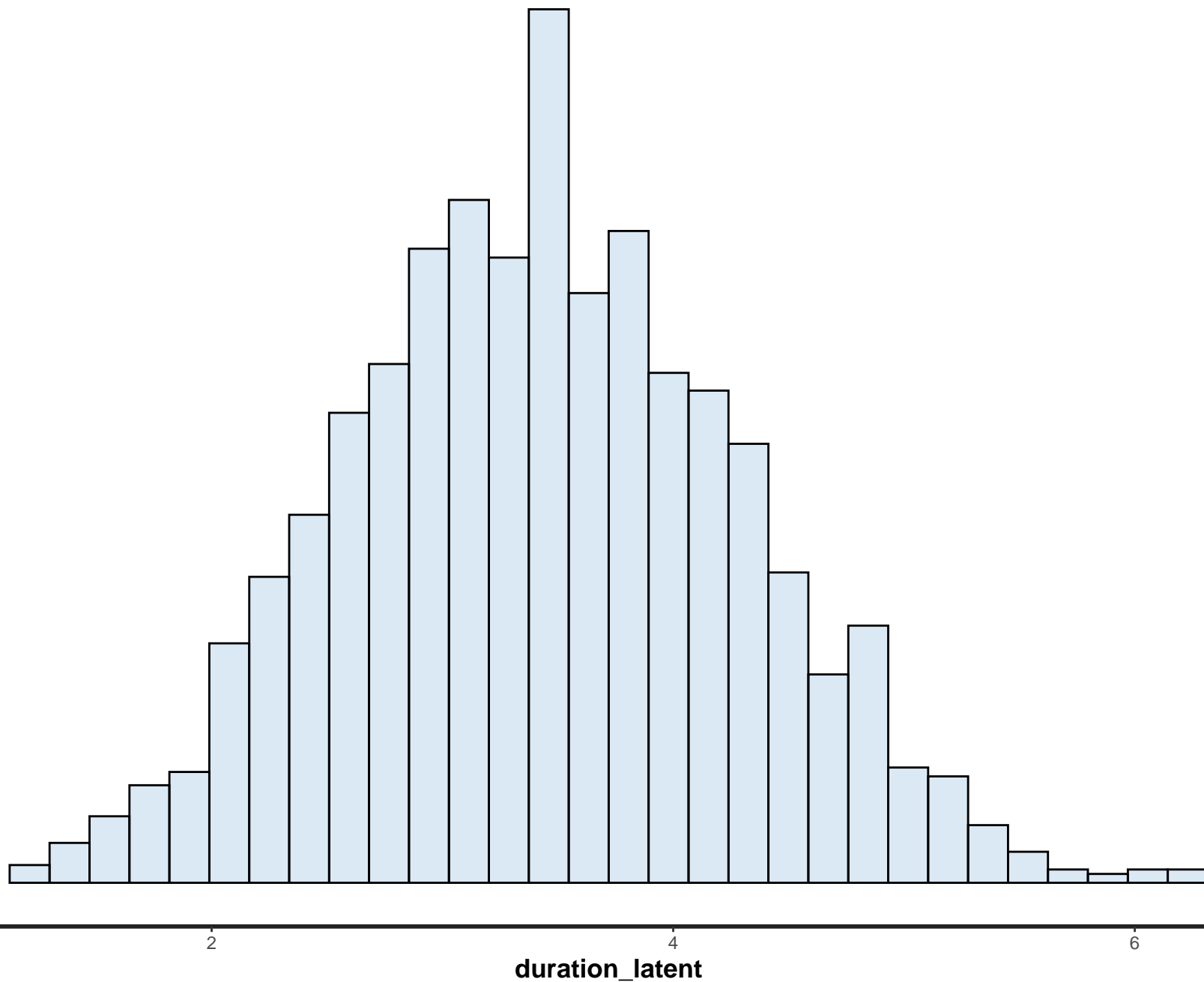
# Rt as of 2020-11-06

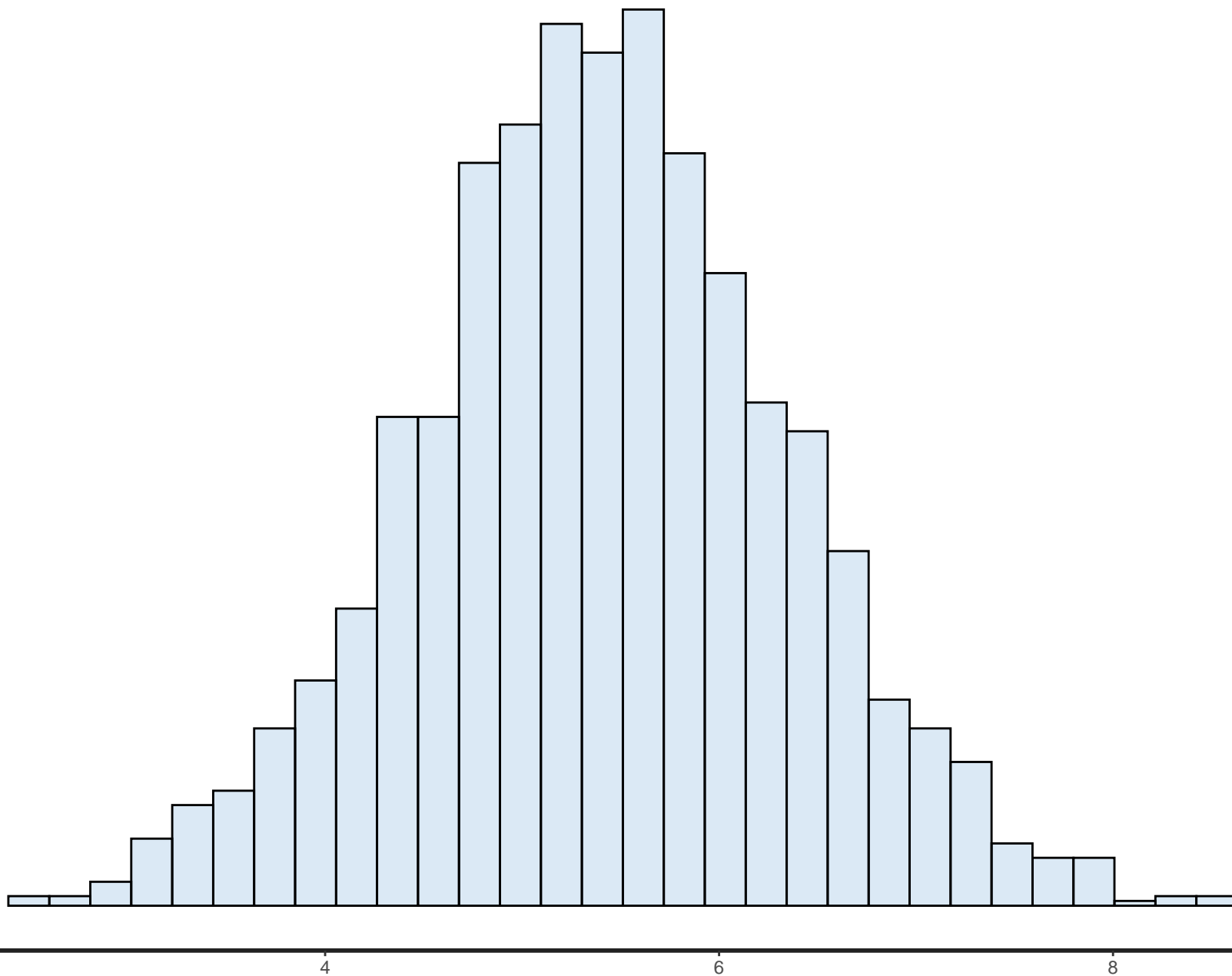
5%   10%   25%   50%   75%   90%   95%  
0.73   0.85   1.03   1.20   1.38   1.53   1.63

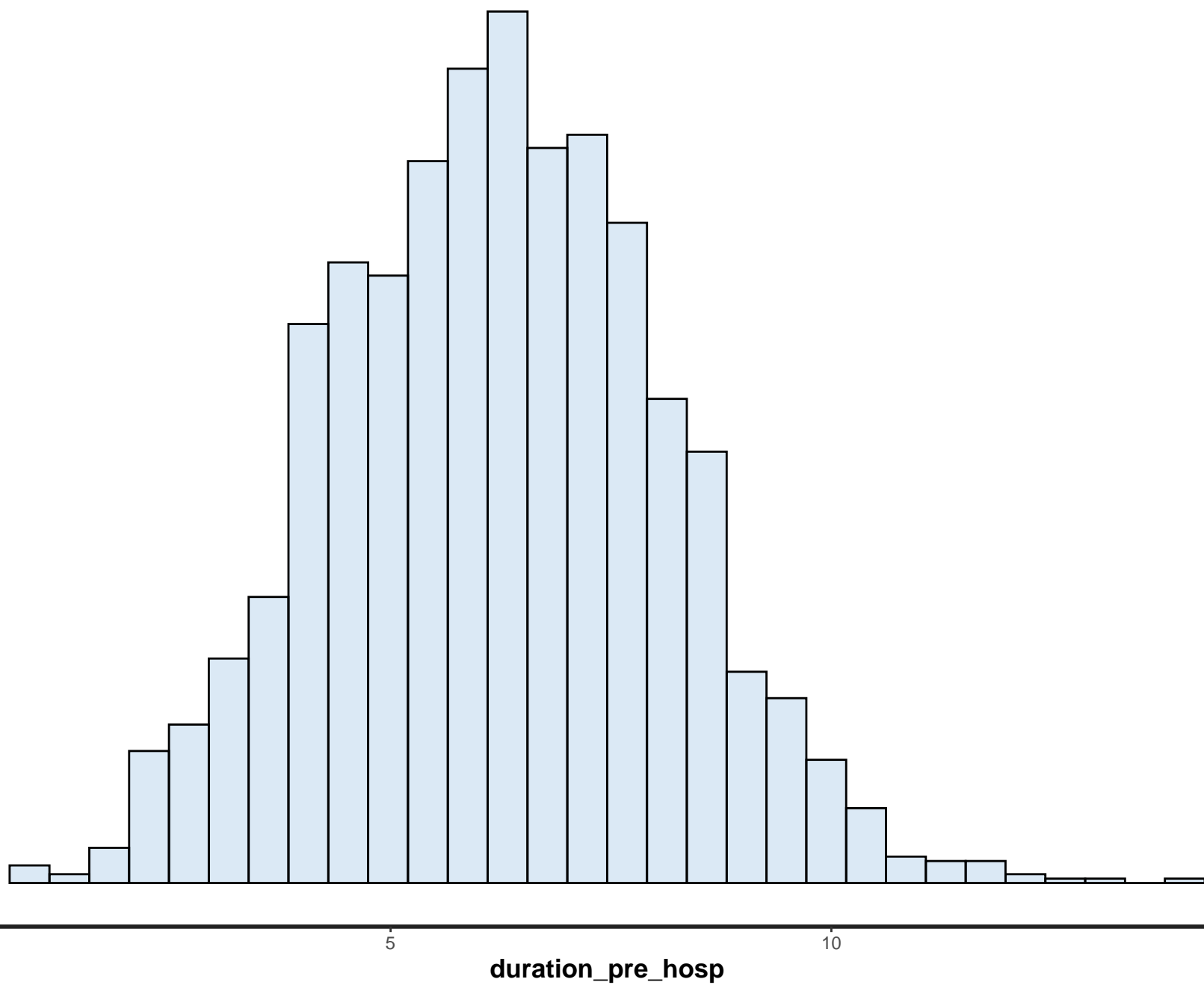


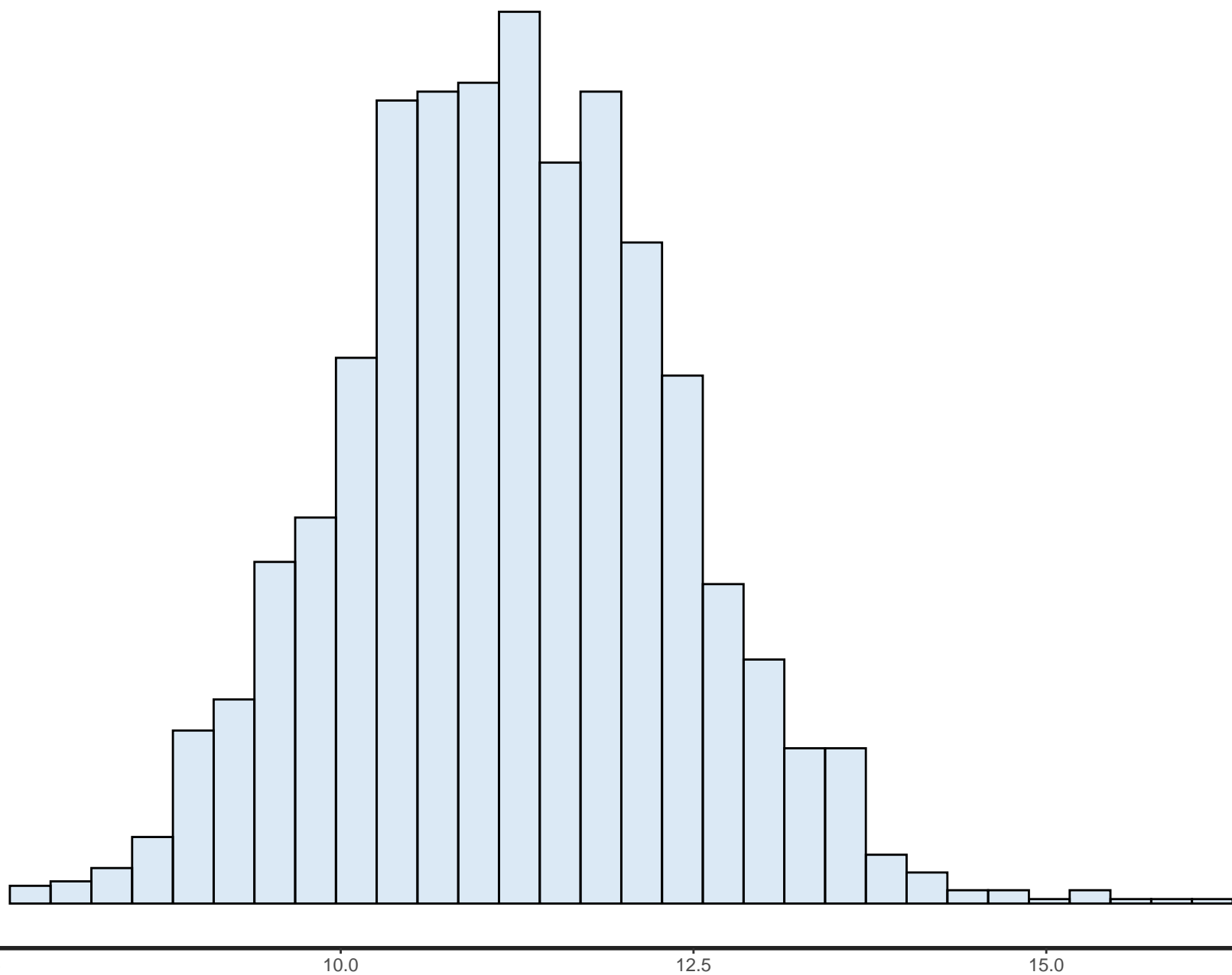


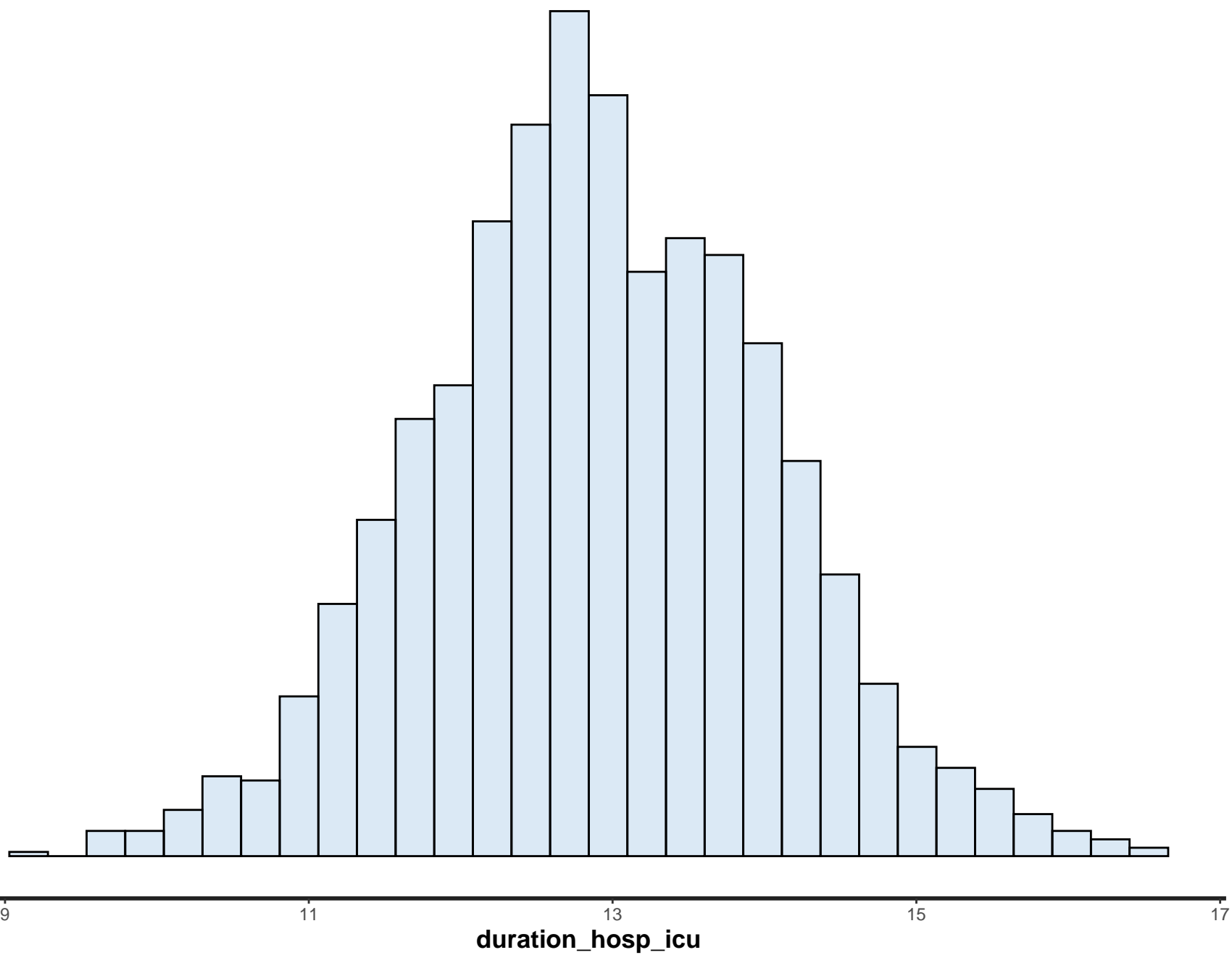


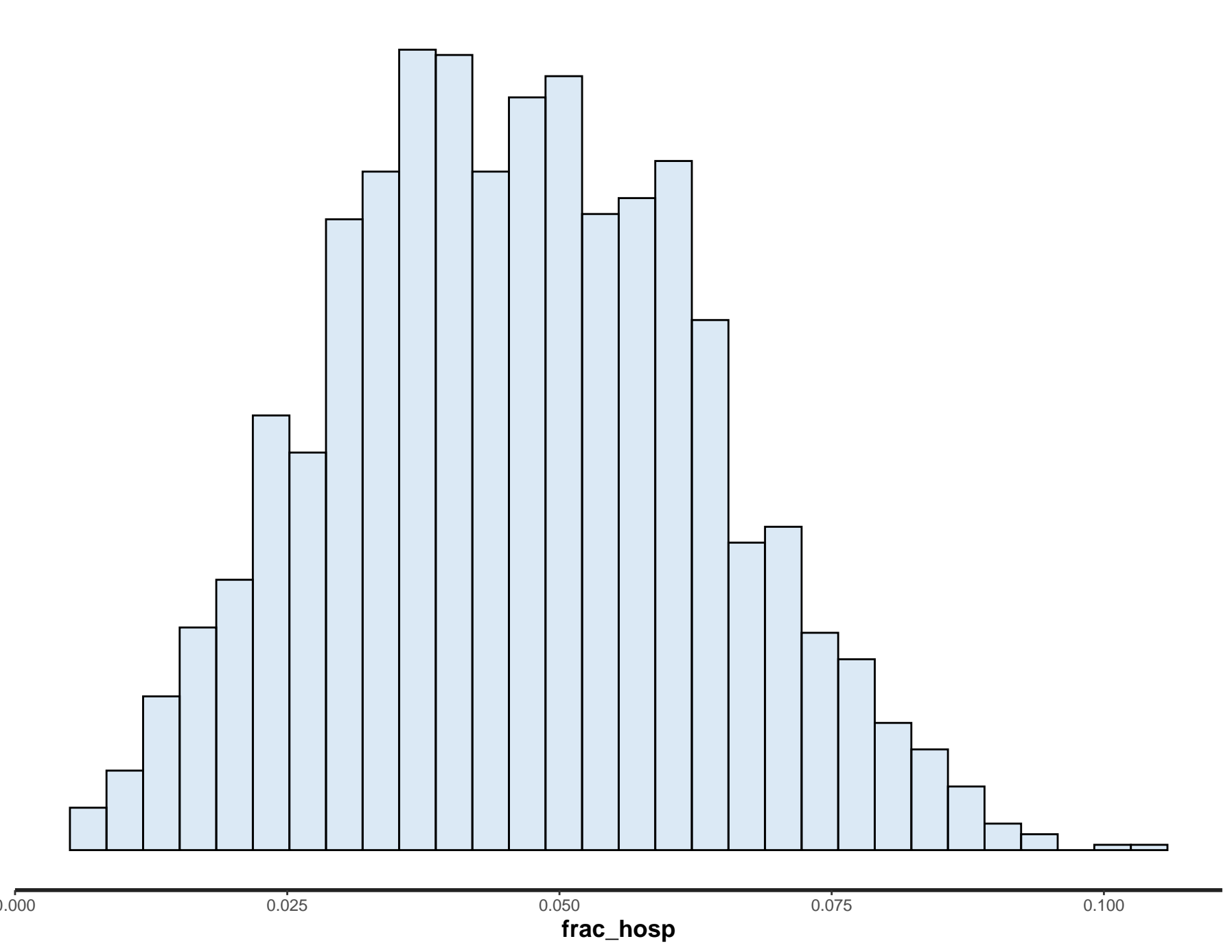


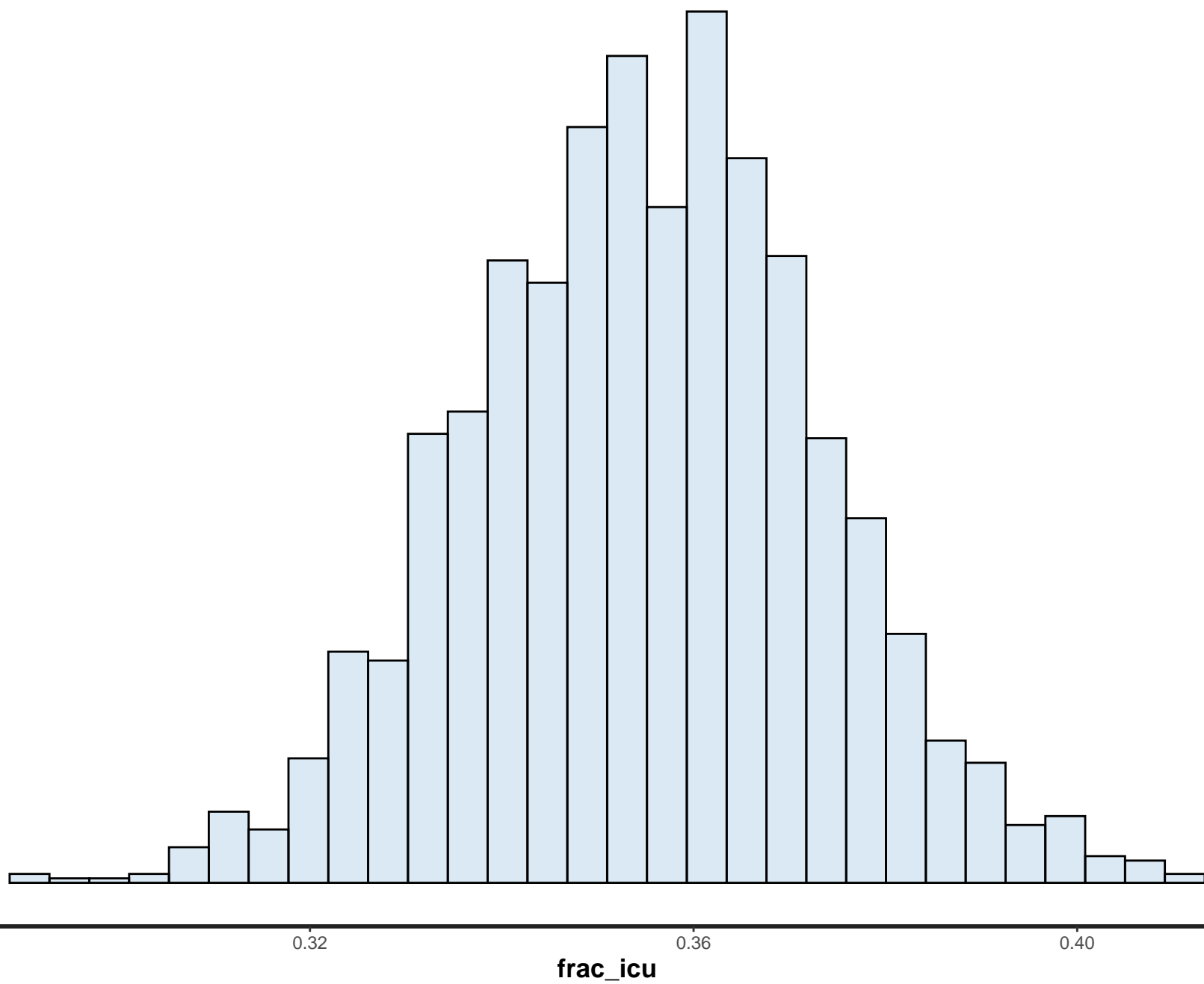




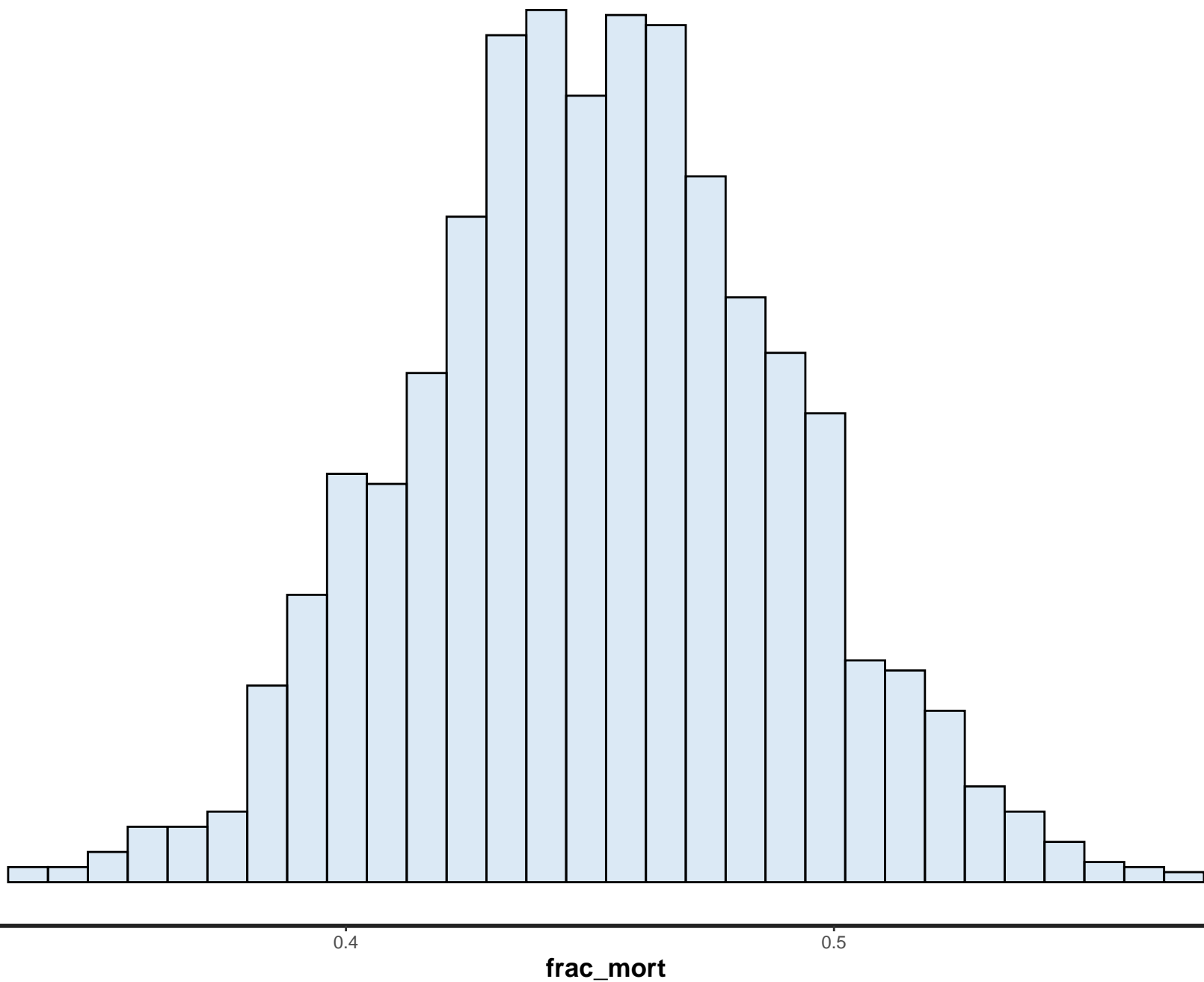


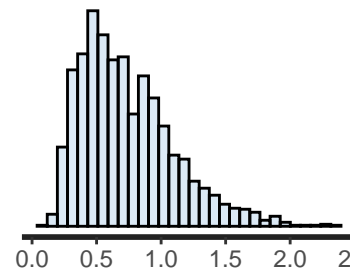
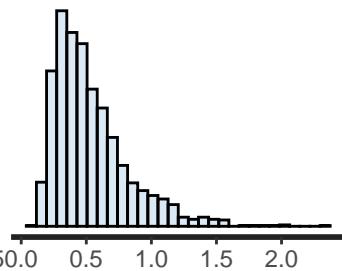
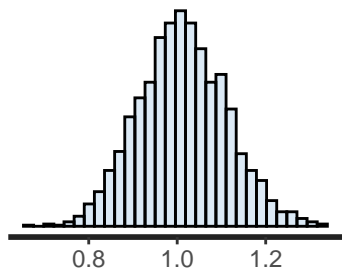
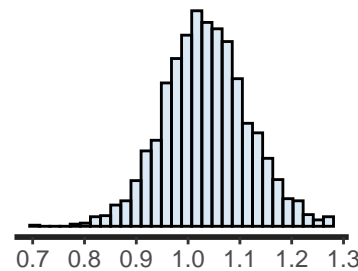
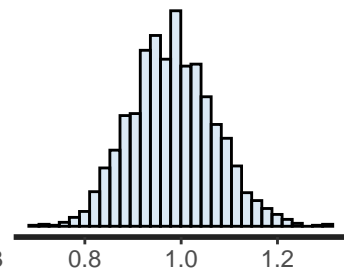
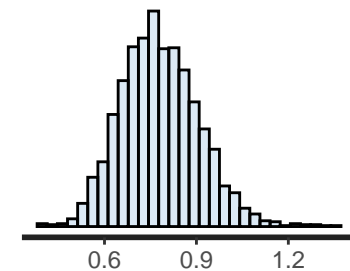
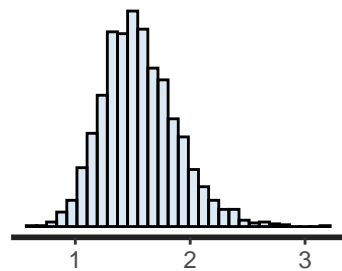
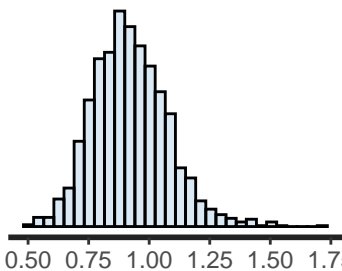
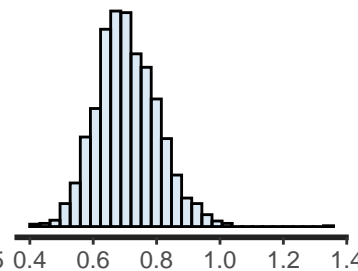
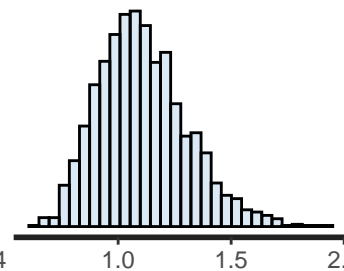
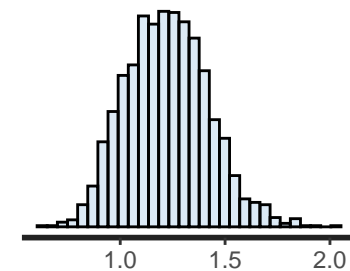
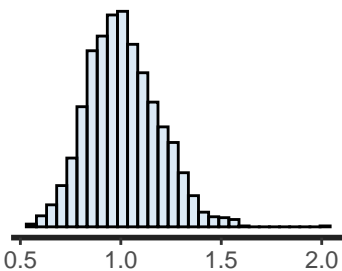
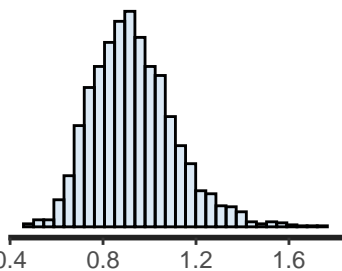
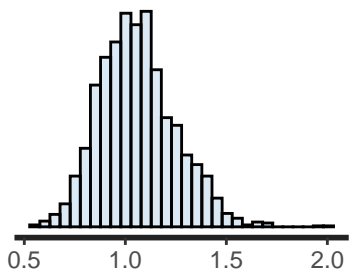
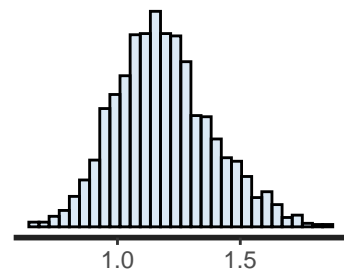
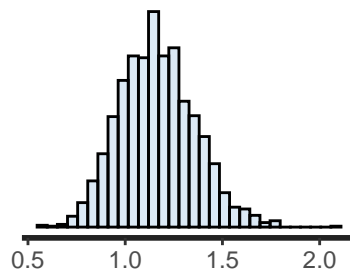
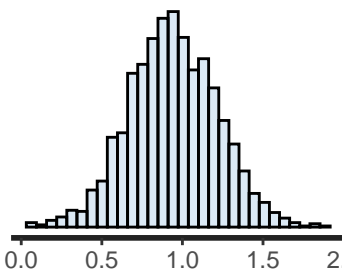
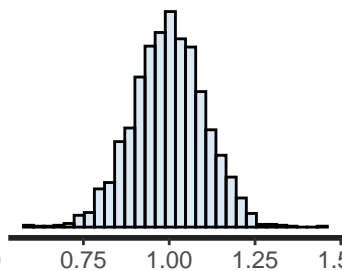


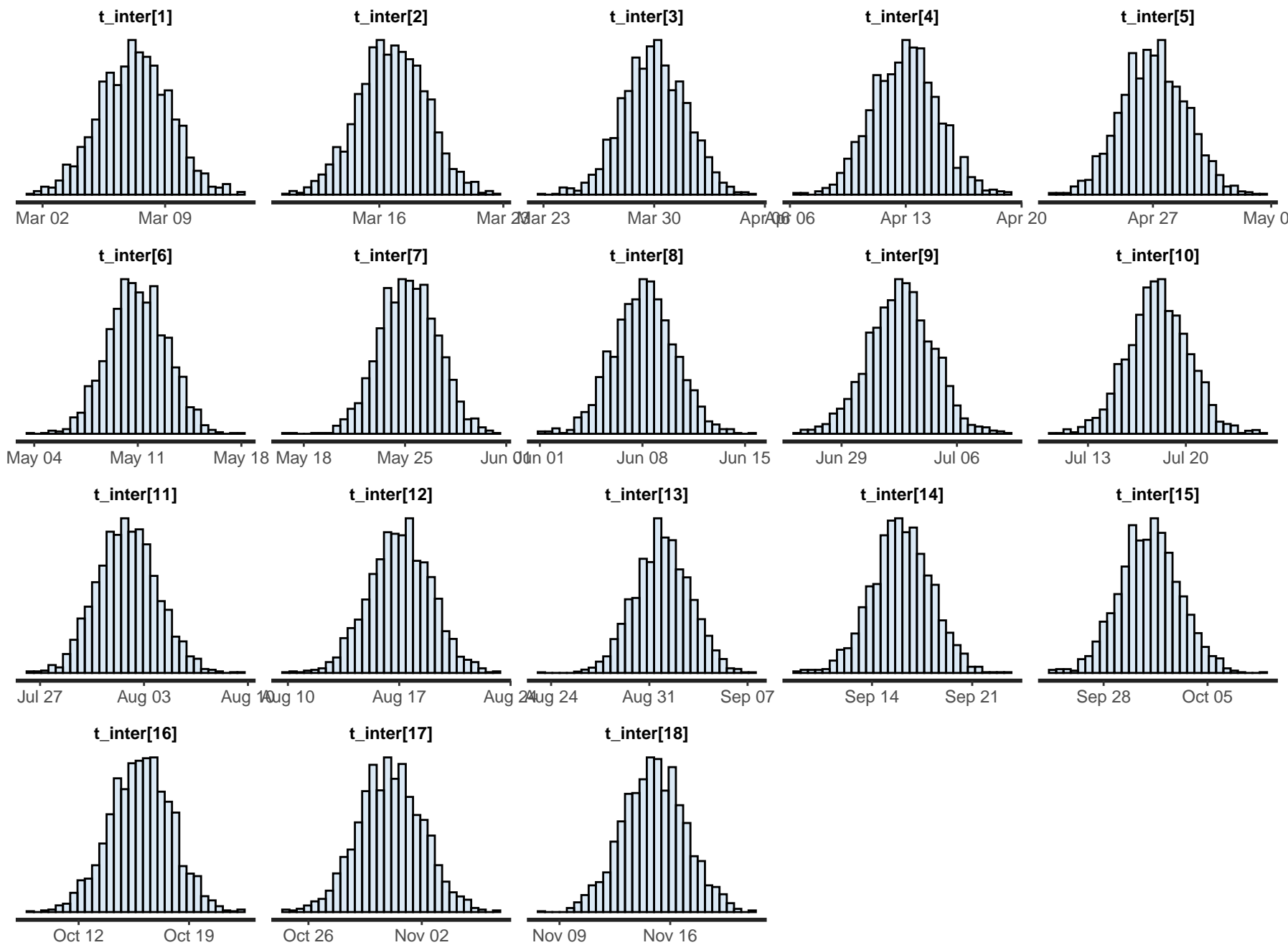


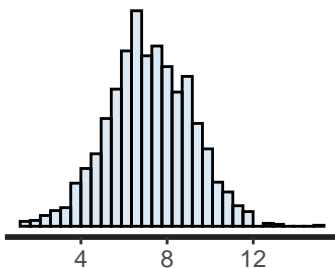
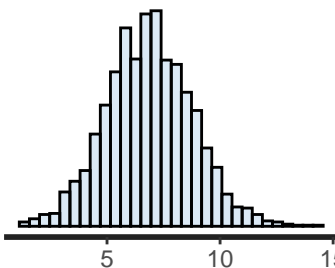
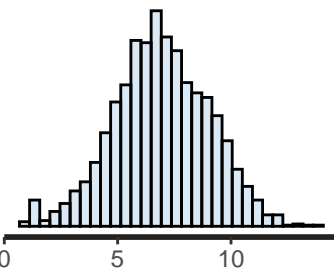
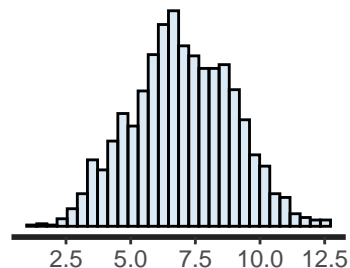
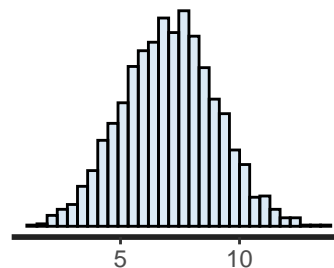
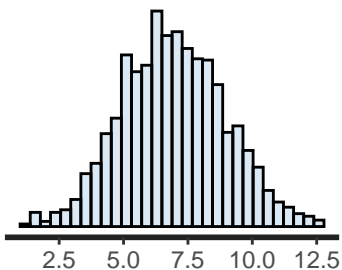
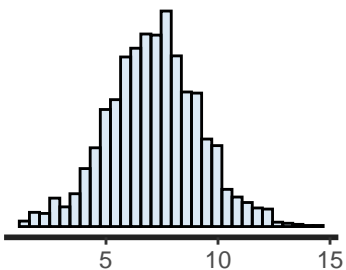
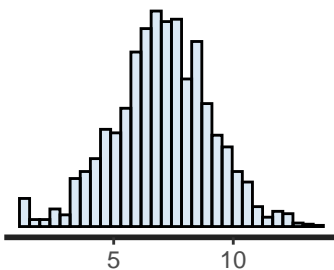
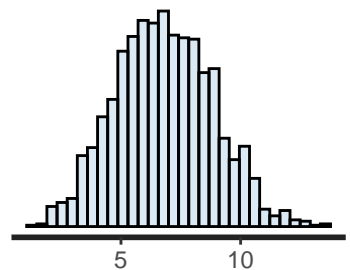
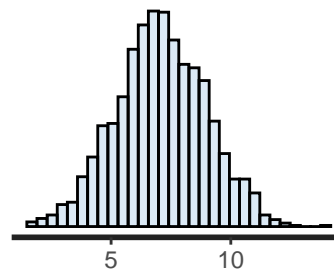
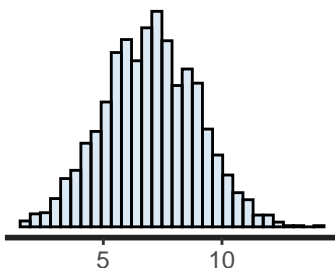
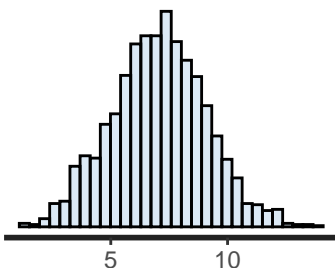
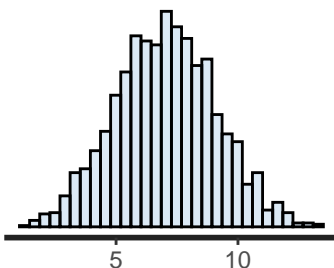
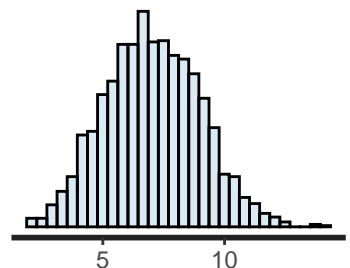
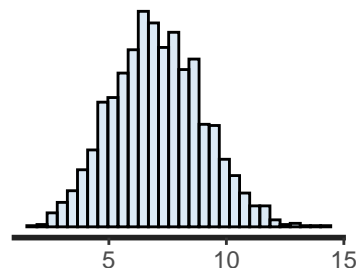
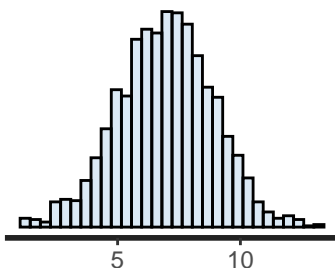
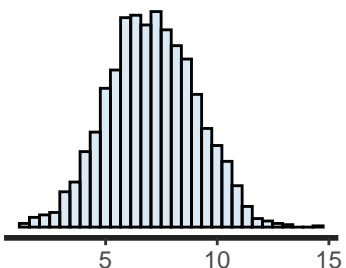
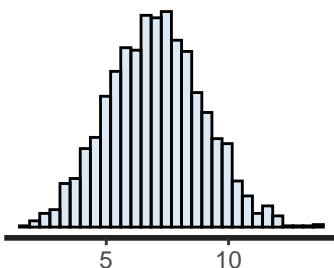




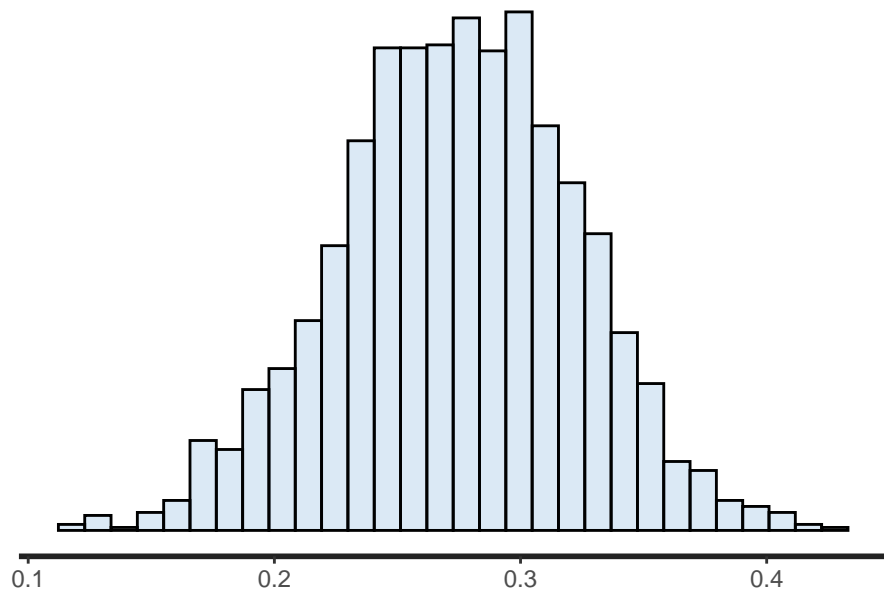


**beta\_multiplier[1]****beta\_multiplier[2]****beta\_multiplier[3]****beta\_multiplier[4]****beta\_multiplier[5]****beta\_multiplier[6]****beta\_multiplier[7]****beta\_multiplier[8]****beta\_multiplier[9]****beta\_multiplier[10]****beta\_multiplier[11]****beta\_multiplier[12]****beta\_multiplier[13]****beta\_multiplier[14]****beta\_multiplier[15]****beta\_multiplier[16]****beta\_multiplier[17]****beta\_multiplier[18]**

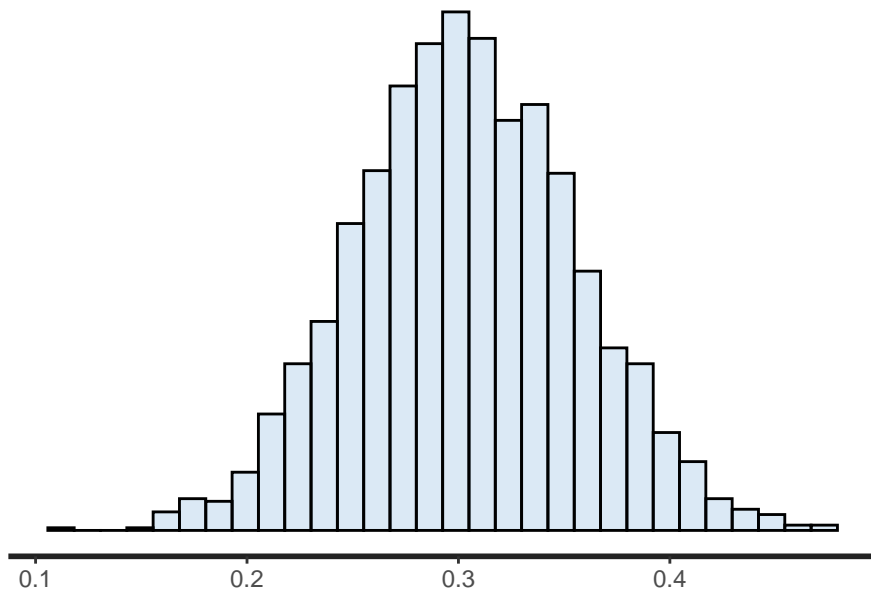


**len\_inter[1]****len\_inter[2]****len\_inter[3]****len\_inter[4]****len\_inter[5]****len\_inter[6]****len\_inter[7]****len\_inter[8]****len\_inter[9]****len\_inter[10]****len\_inter[11]****len\_inter[12]****len\_inter[13]****len\_inter[14]****len\_inter[15]****len\_inter[16]****len\_inter[17]****len\_inter[18]**

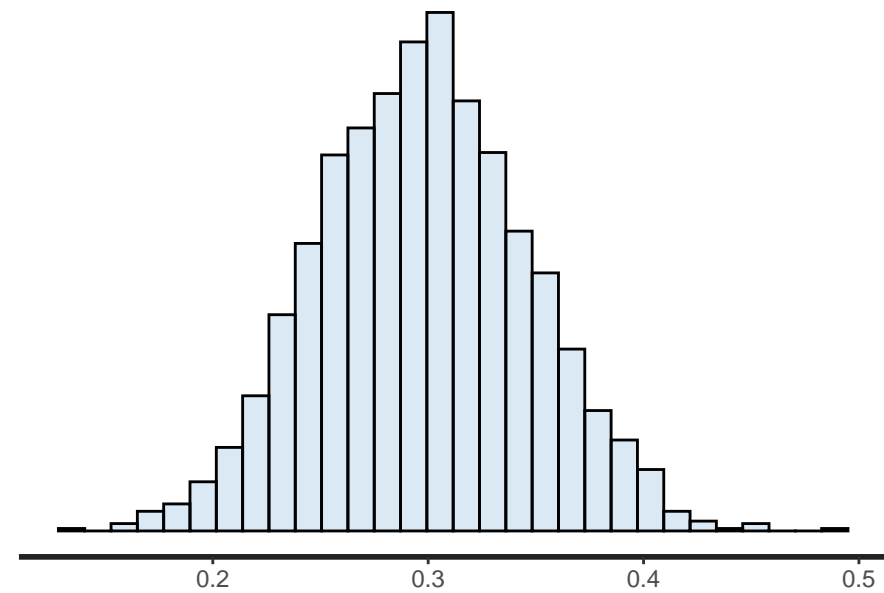
**frac\_PUI[1]**



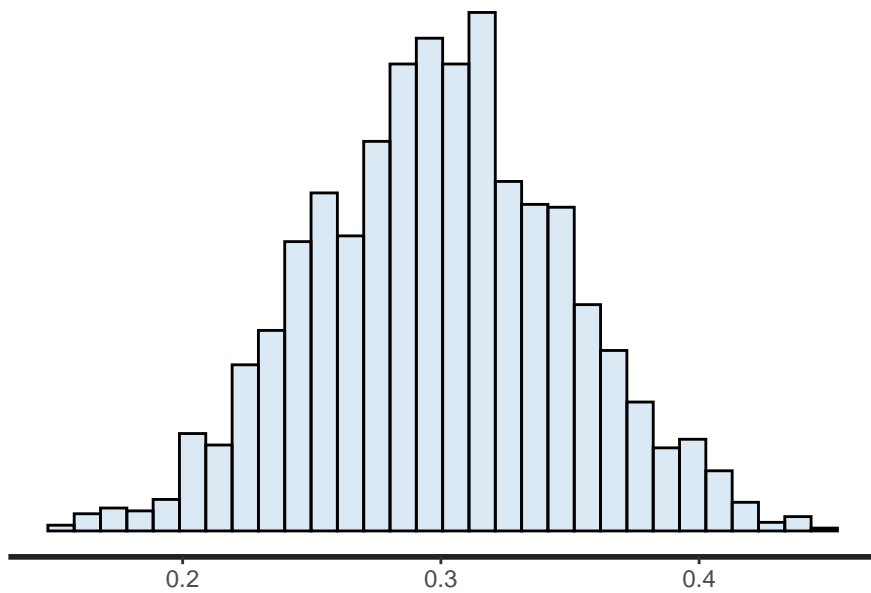
**frac\_PUI[2]**

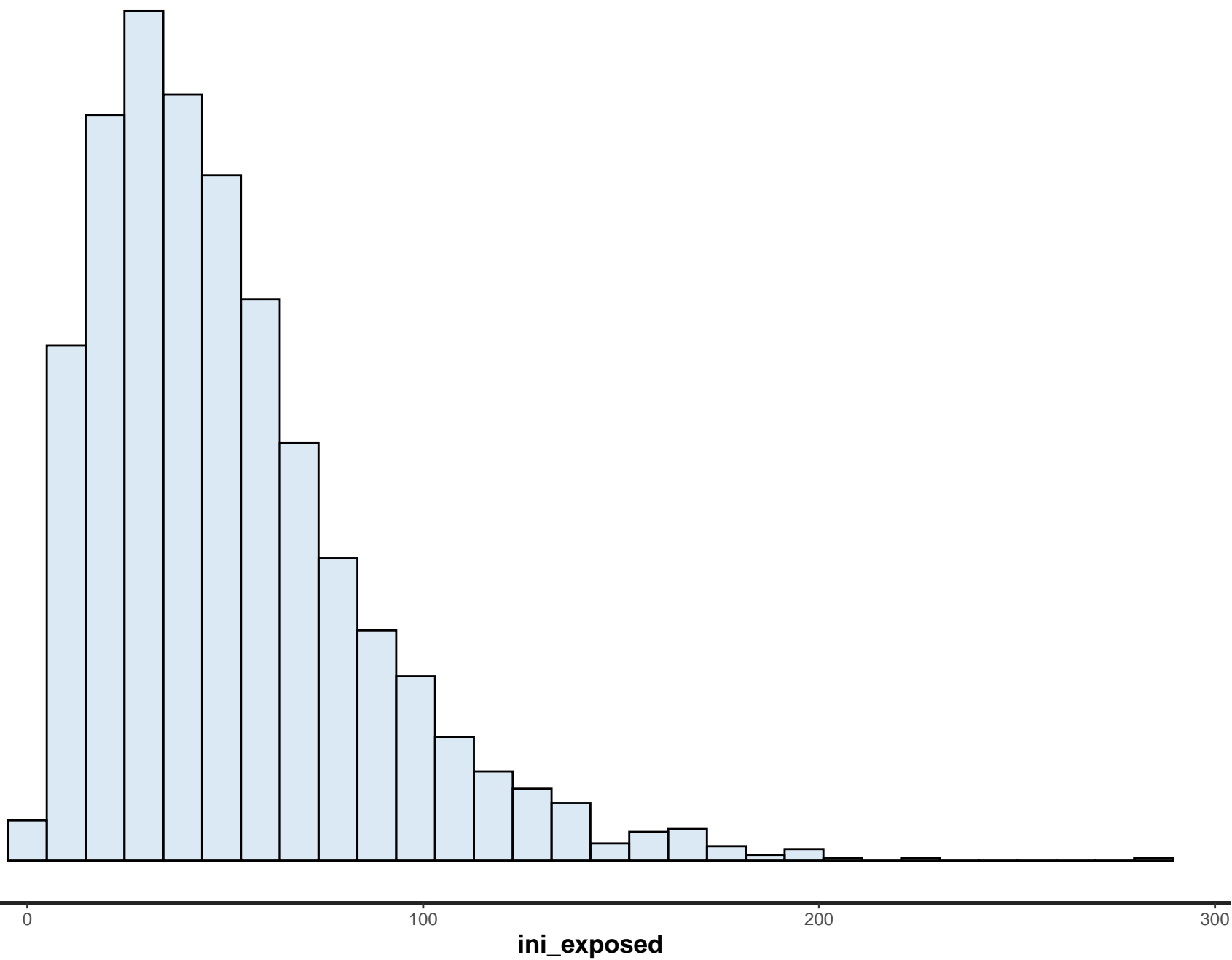


**frac\_PUI[3]**

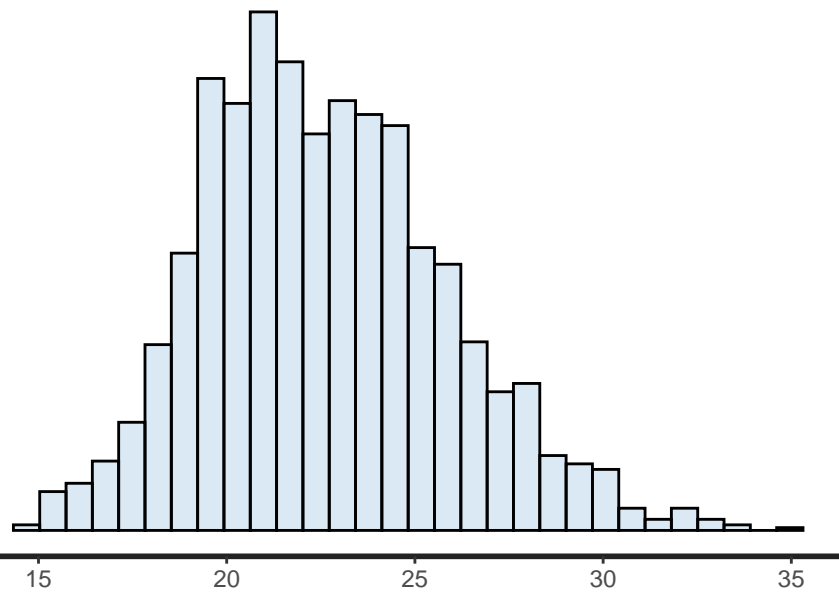


**frac\_PUI[4]**

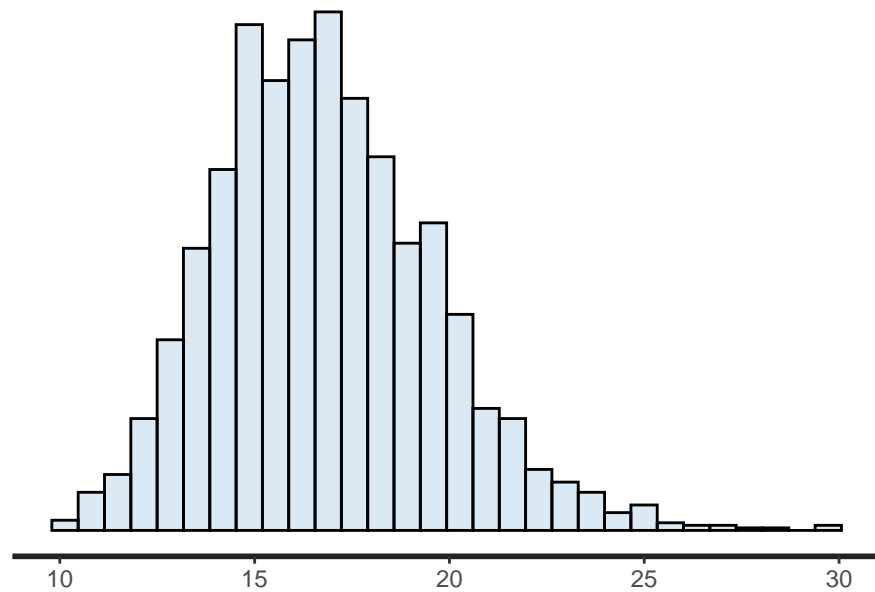




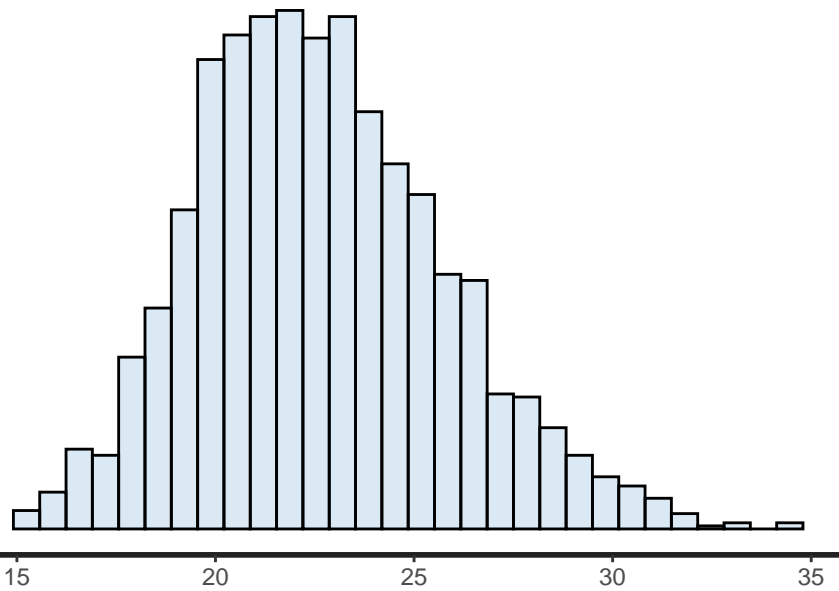
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

