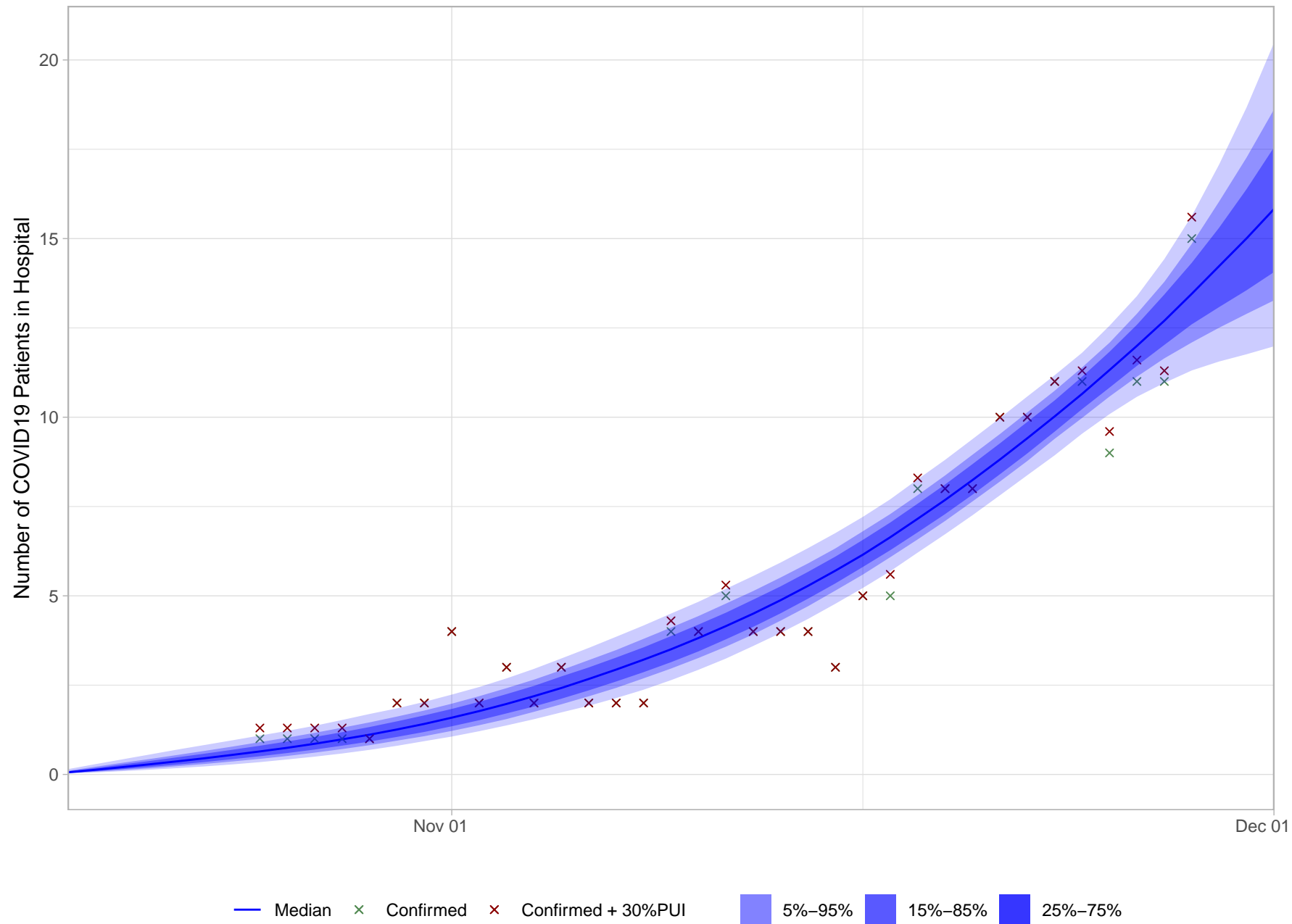
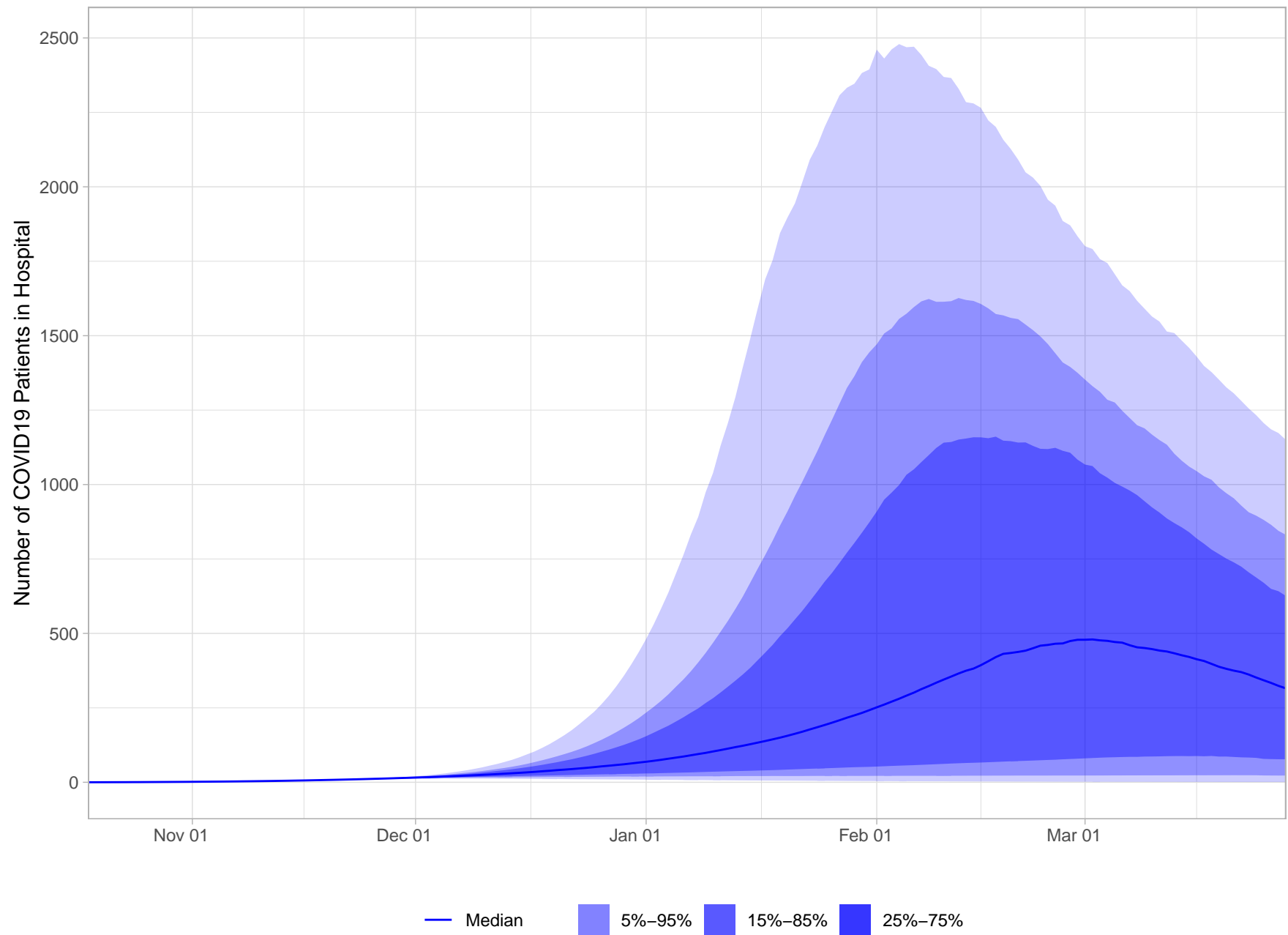


# Short Term Hospitalization Projection

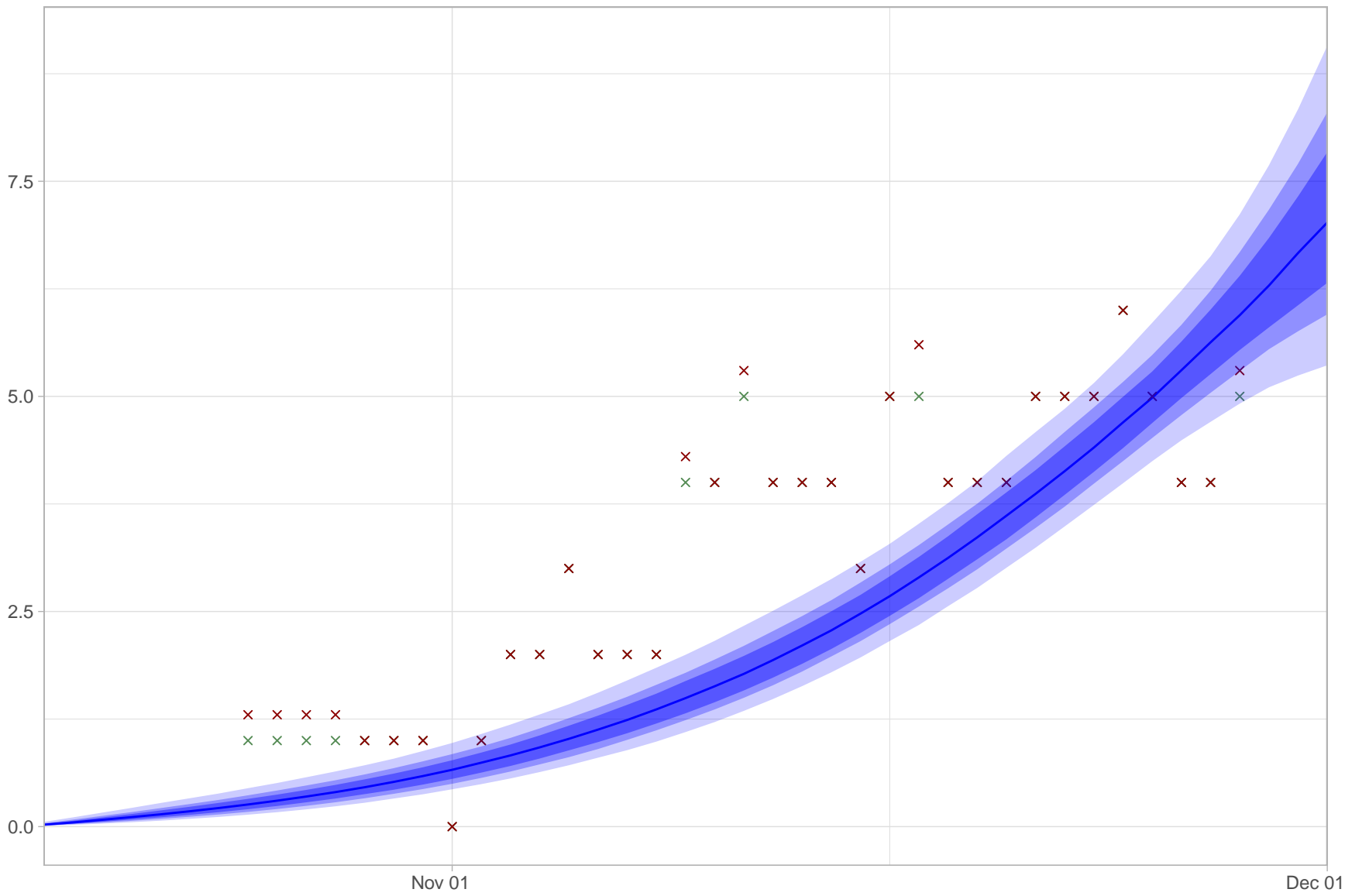


# Long Term Hospitalization Projection



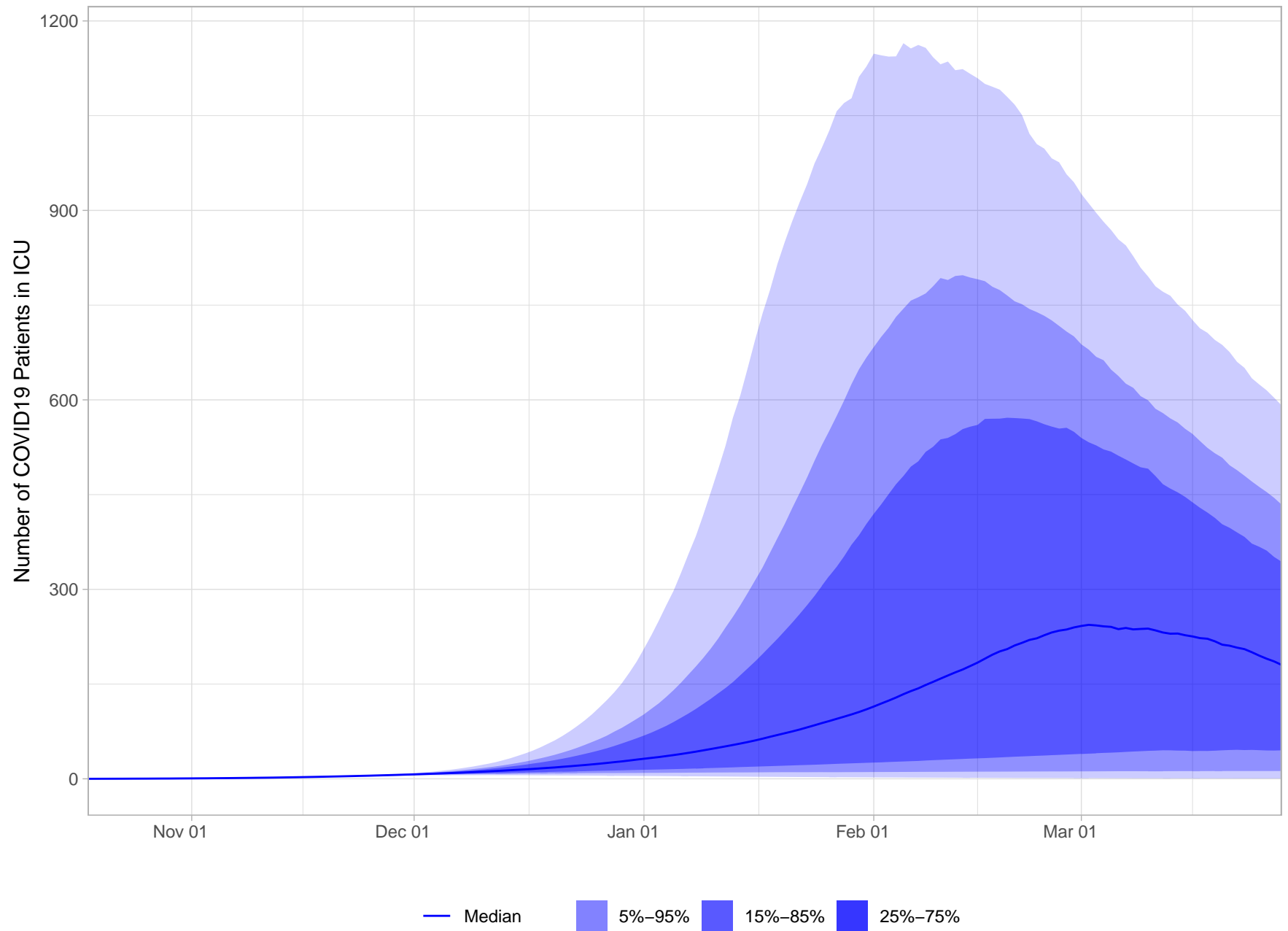
# Short Term ICU Projection

Number of COVID19 Patients in ICU

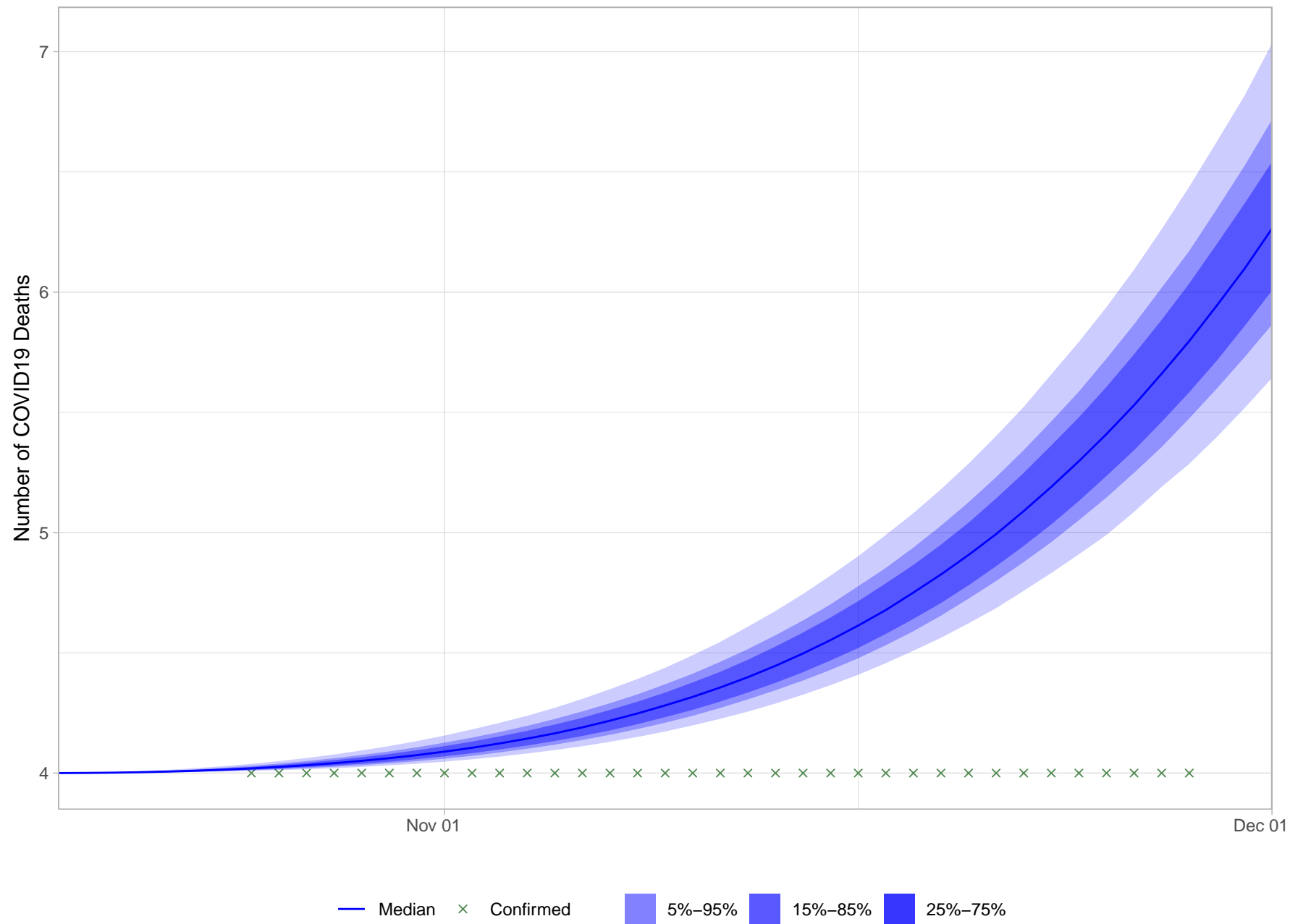


— Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

# Long Term ICU Projection

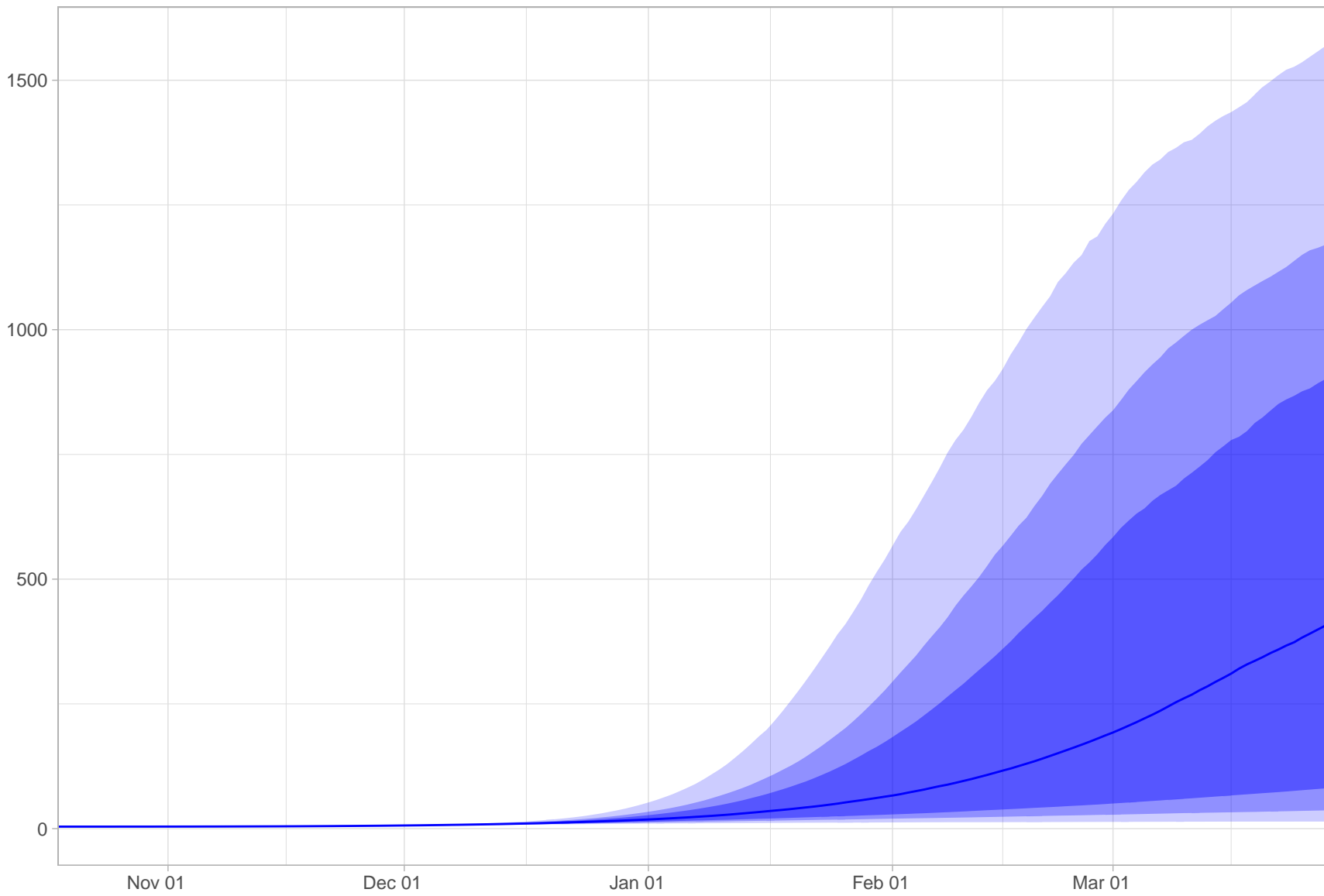


# Short Term Death Projection



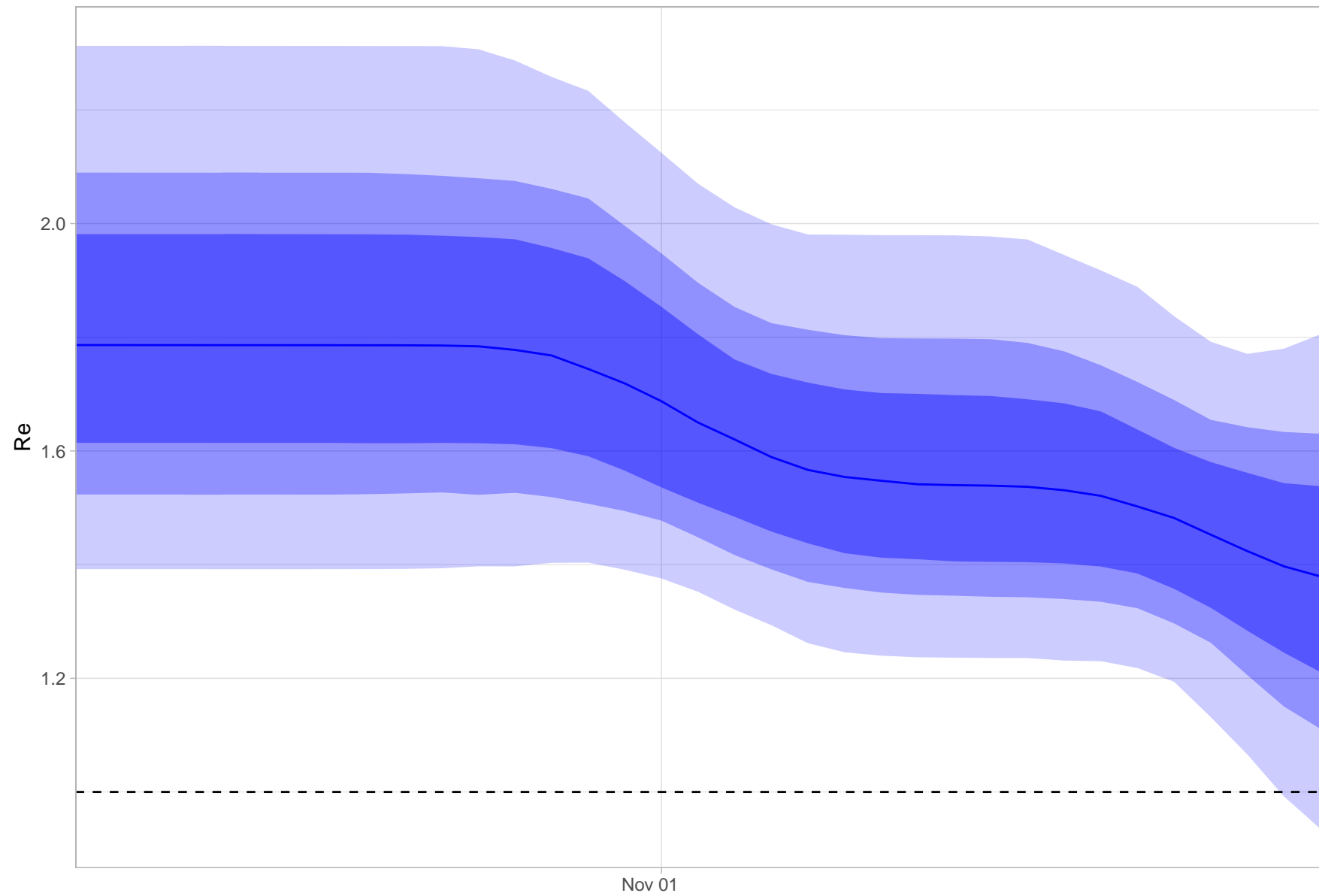
# Long Term Death Projection

Number of COVID19 Deaths



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

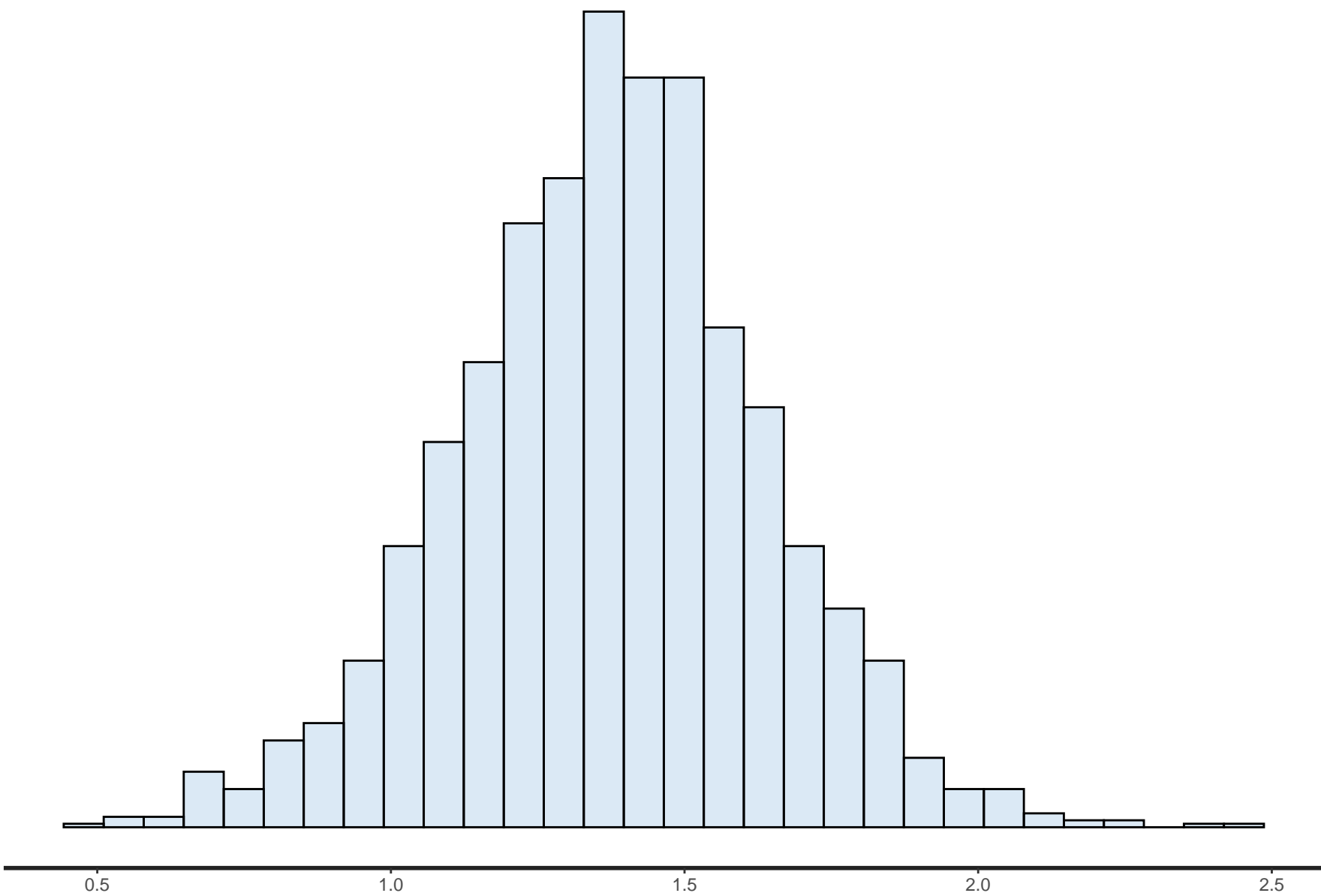
Effective Reproduction Number



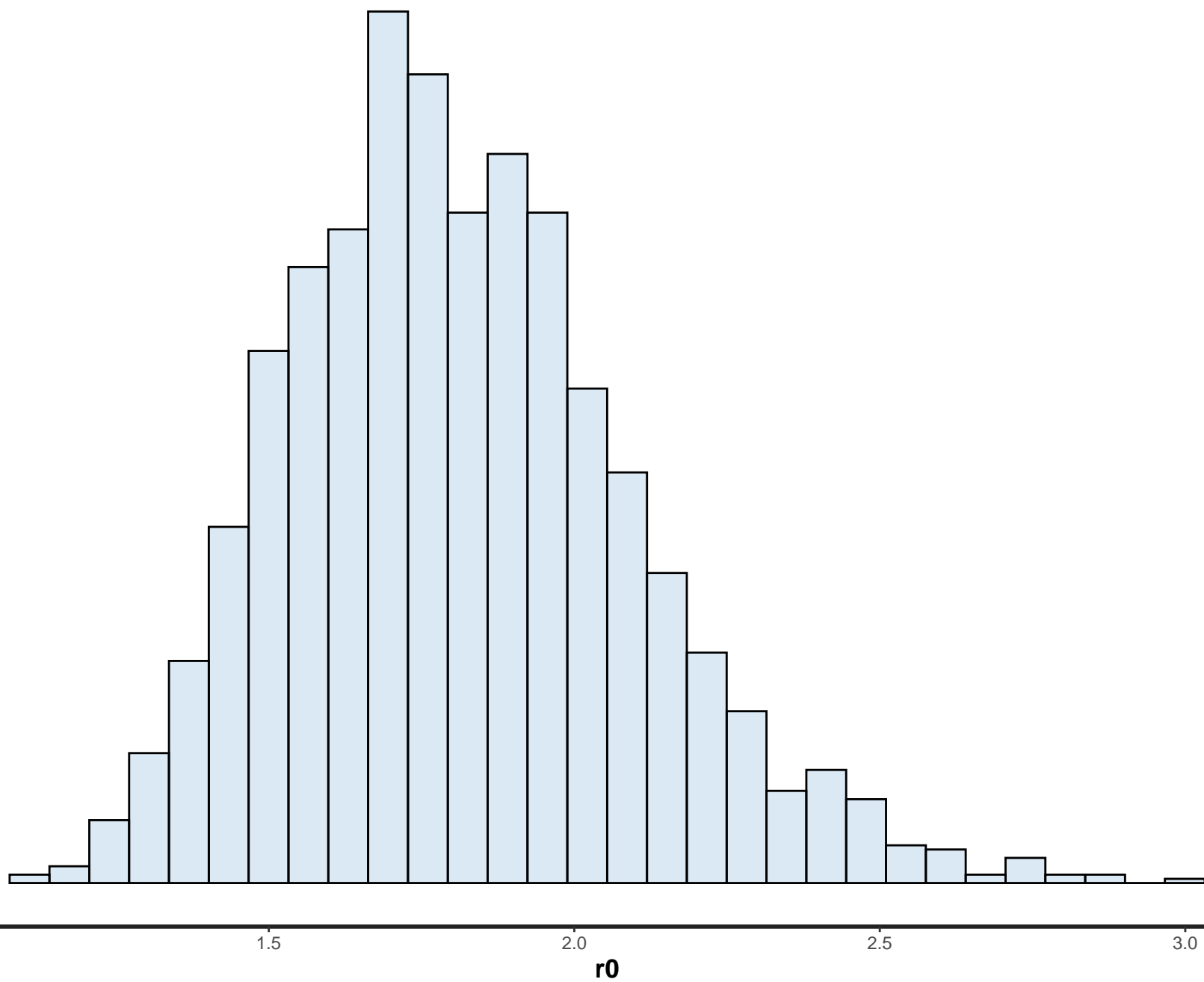
— Median    5%-95%    15%-85%    25%-75%

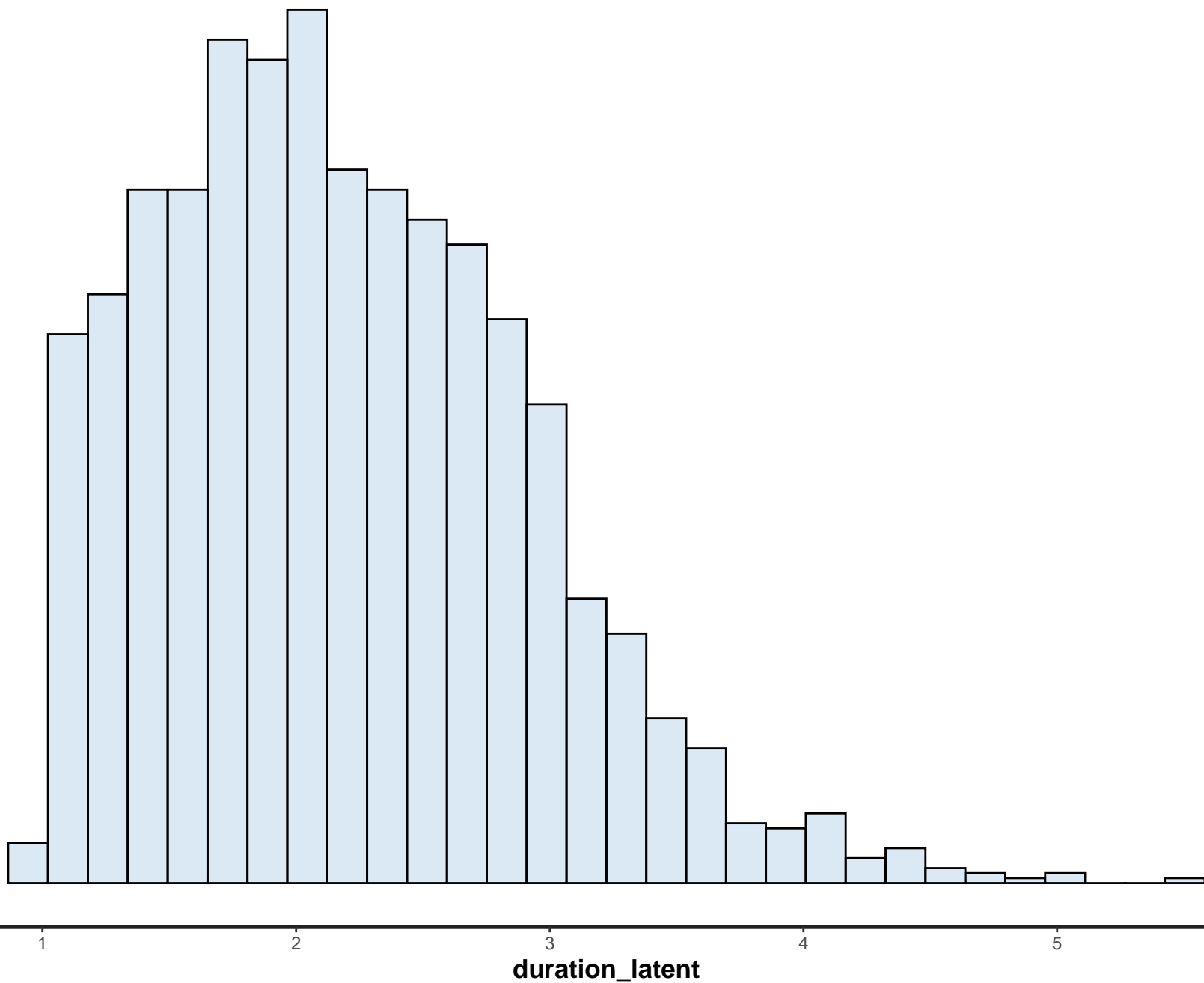
# Rt as of 2020-11-19

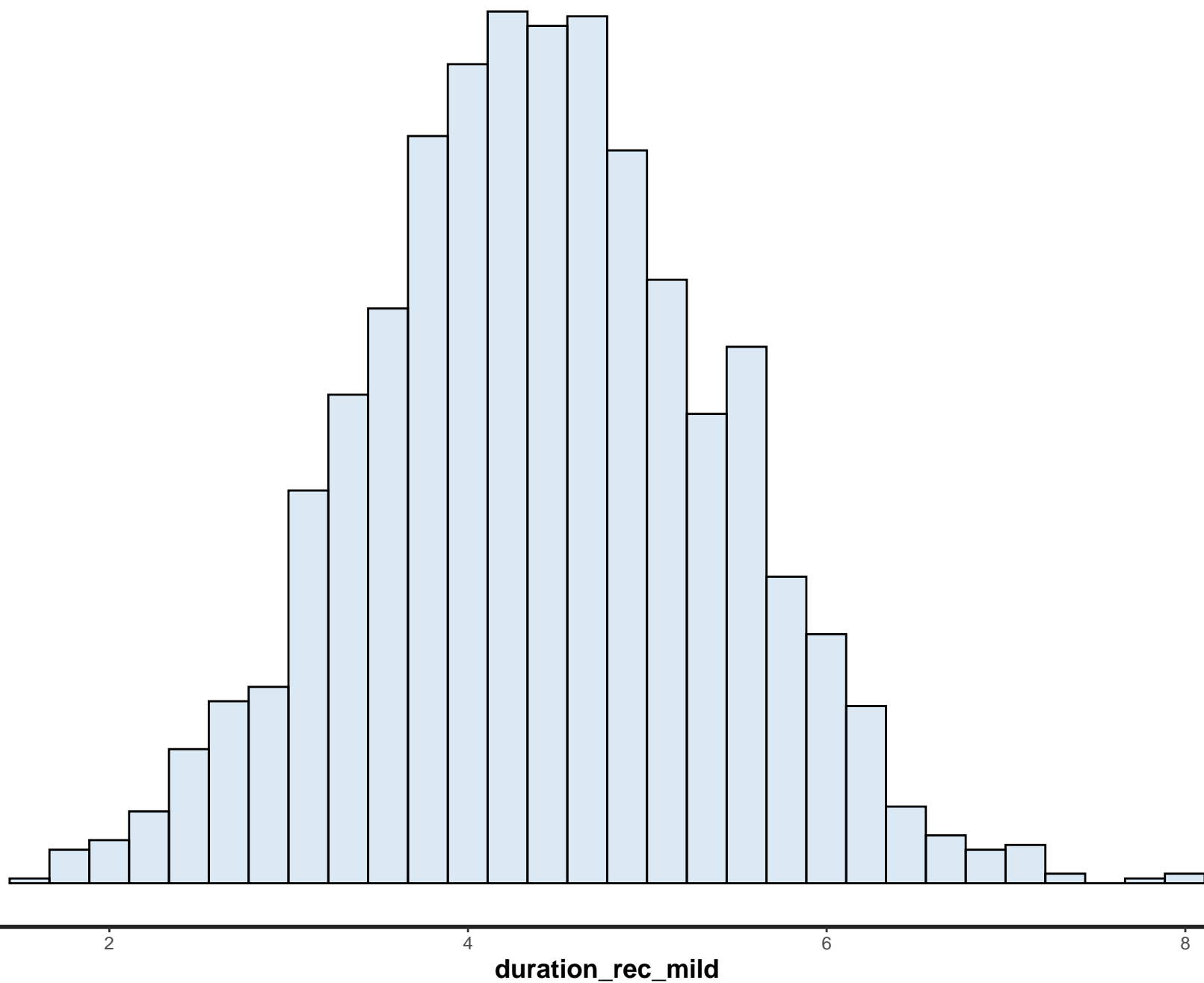
5%	10%	25%	50%	75%	90%	95%
0.93	1.04	1.21	1.38	1.54	1.70	1.81

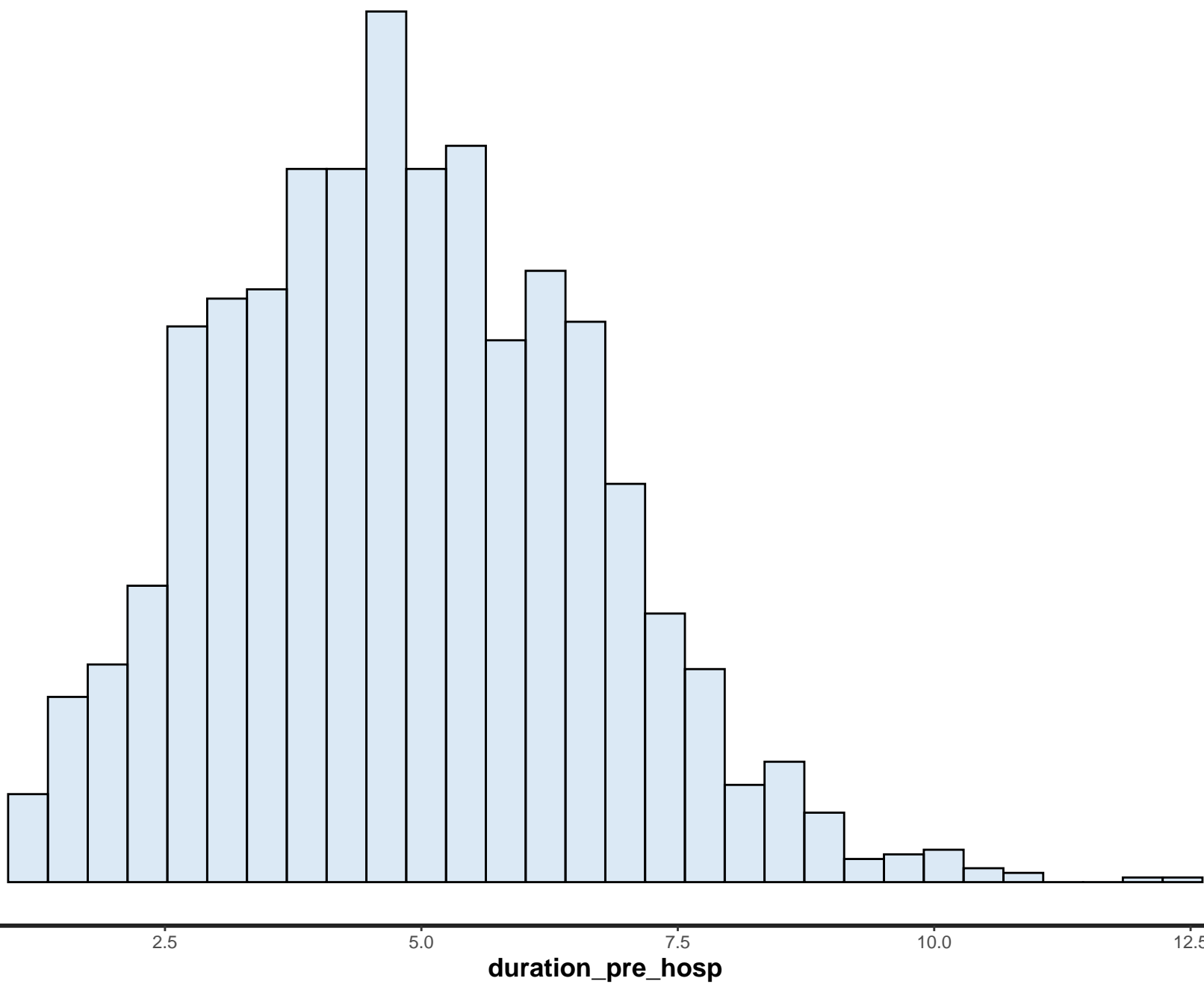


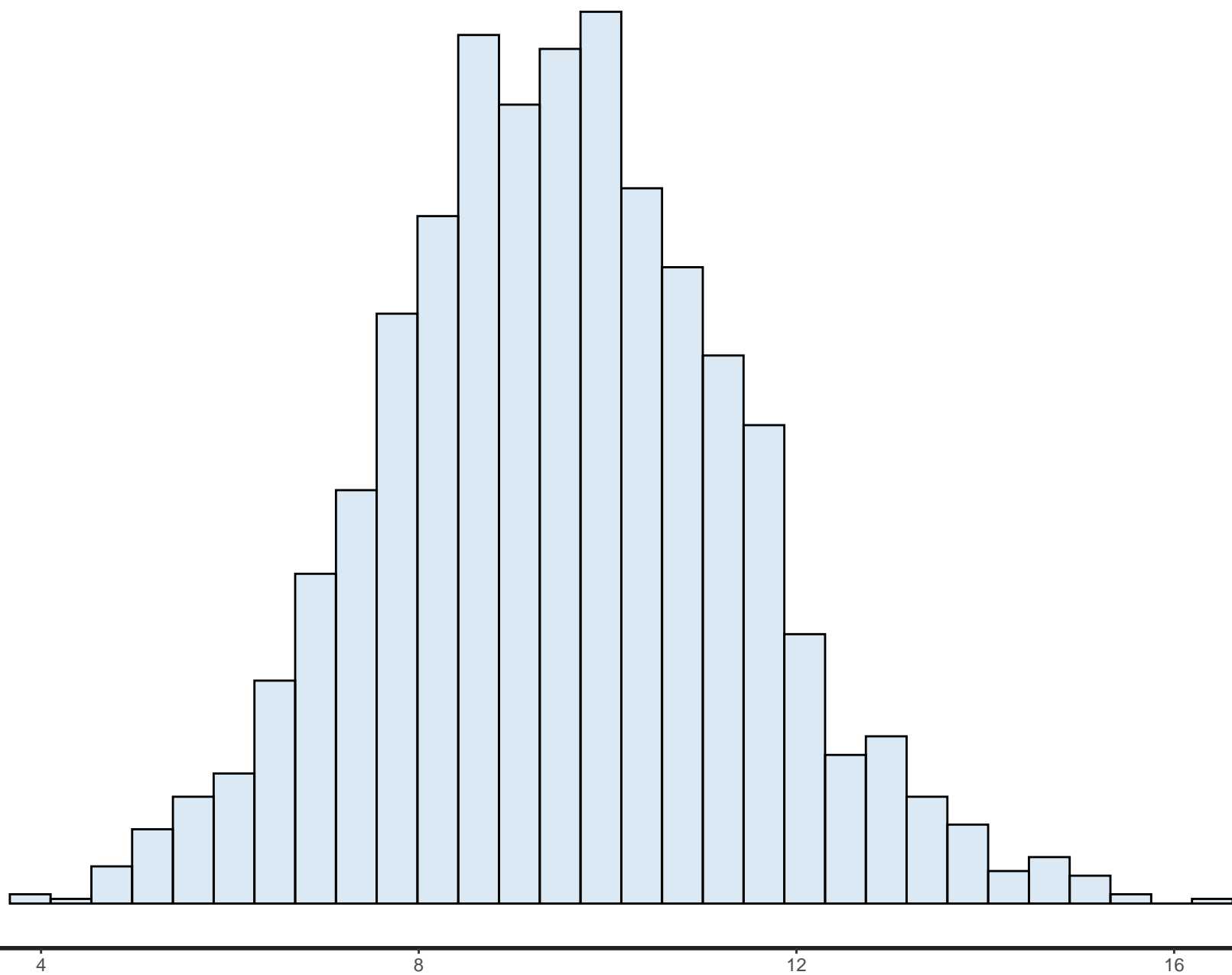


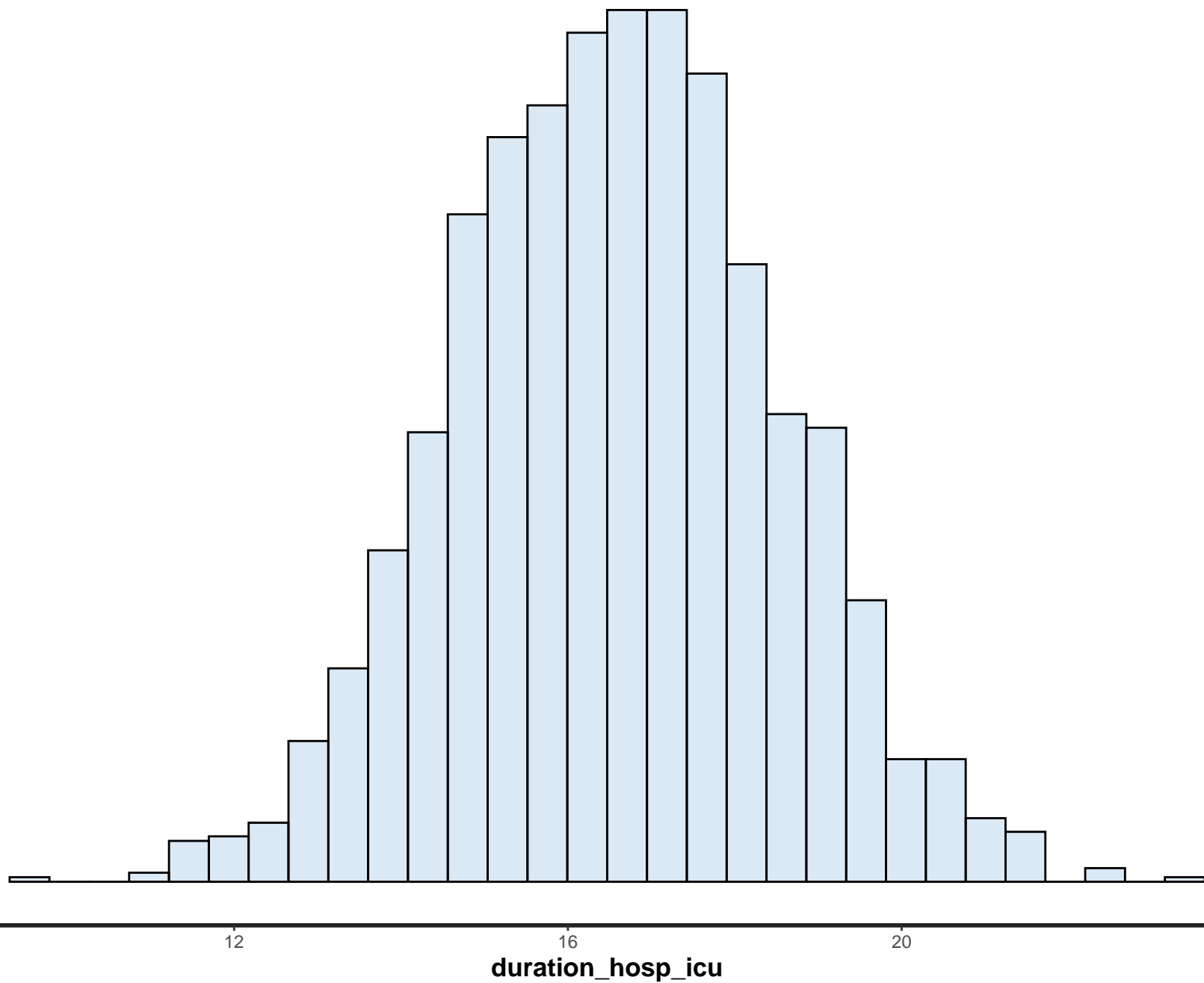


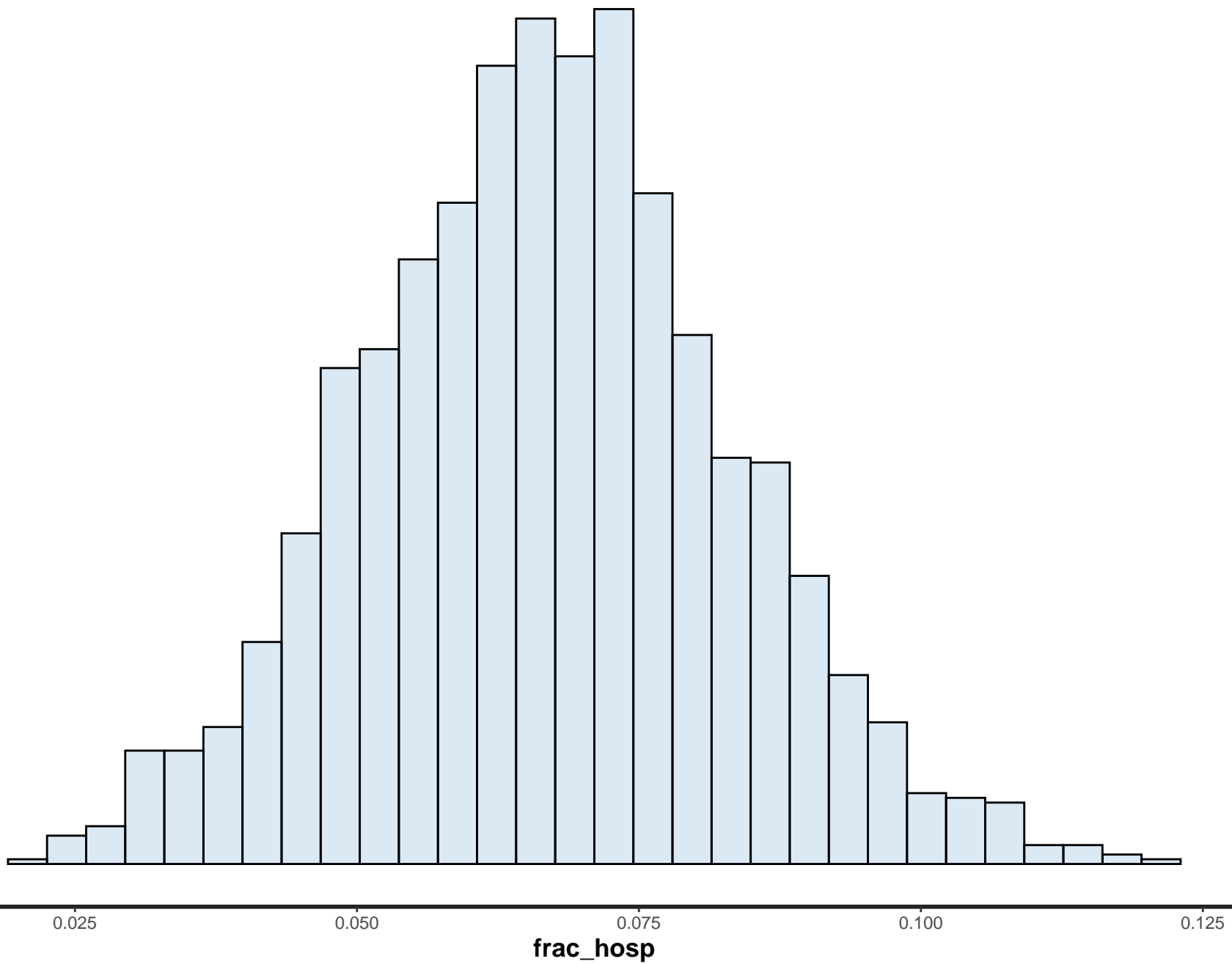


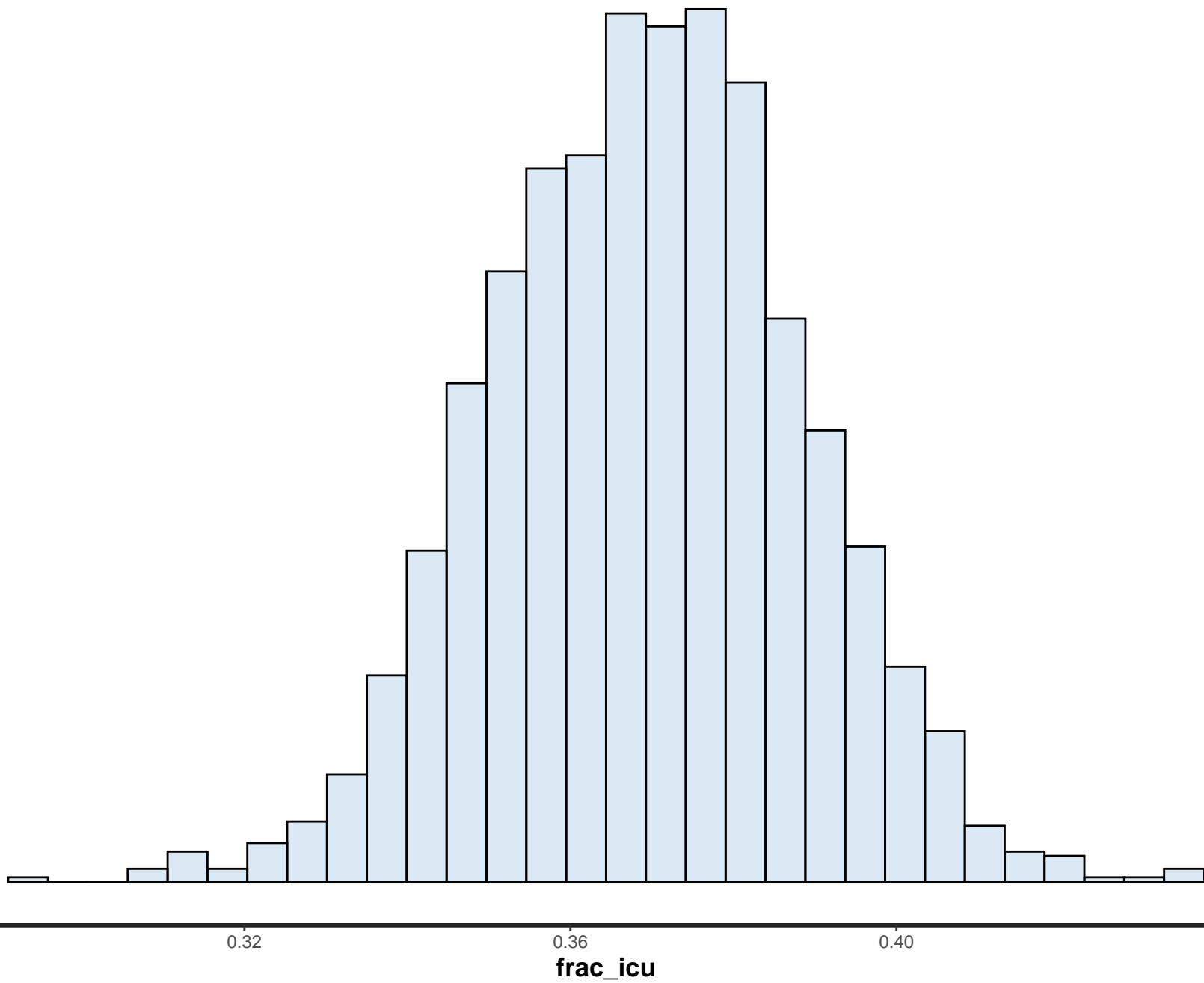




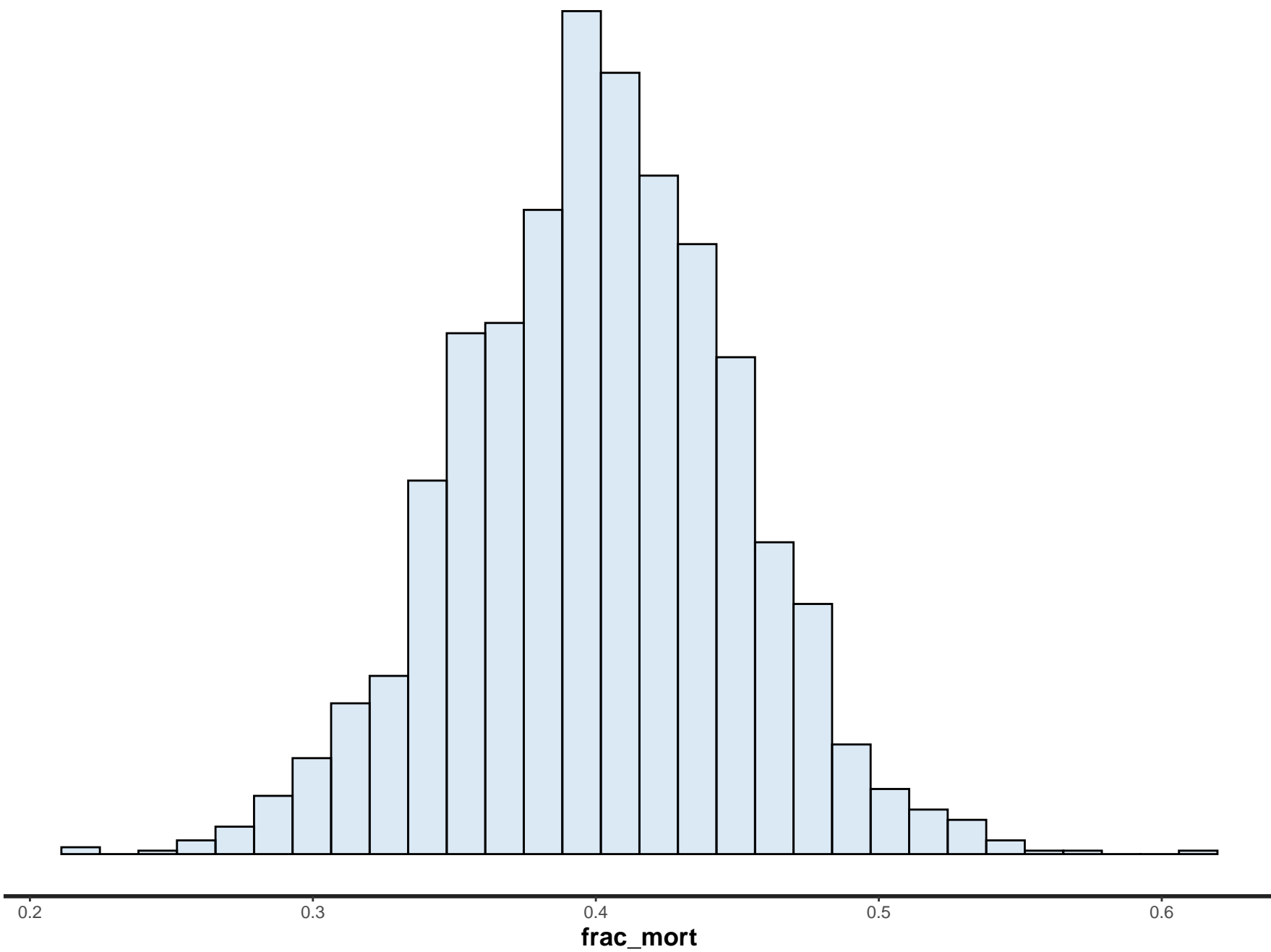




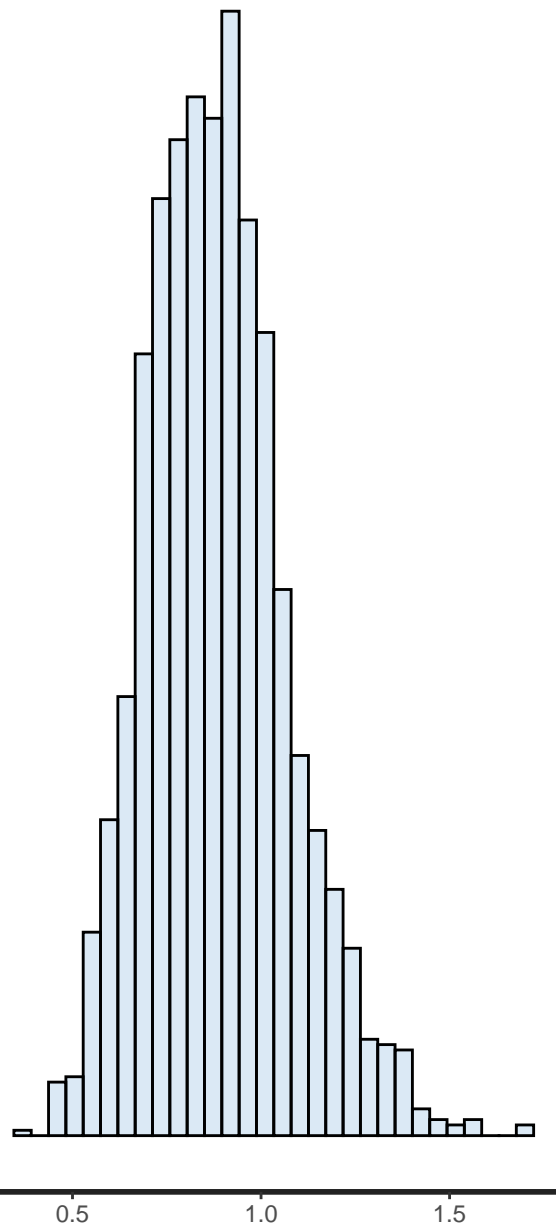




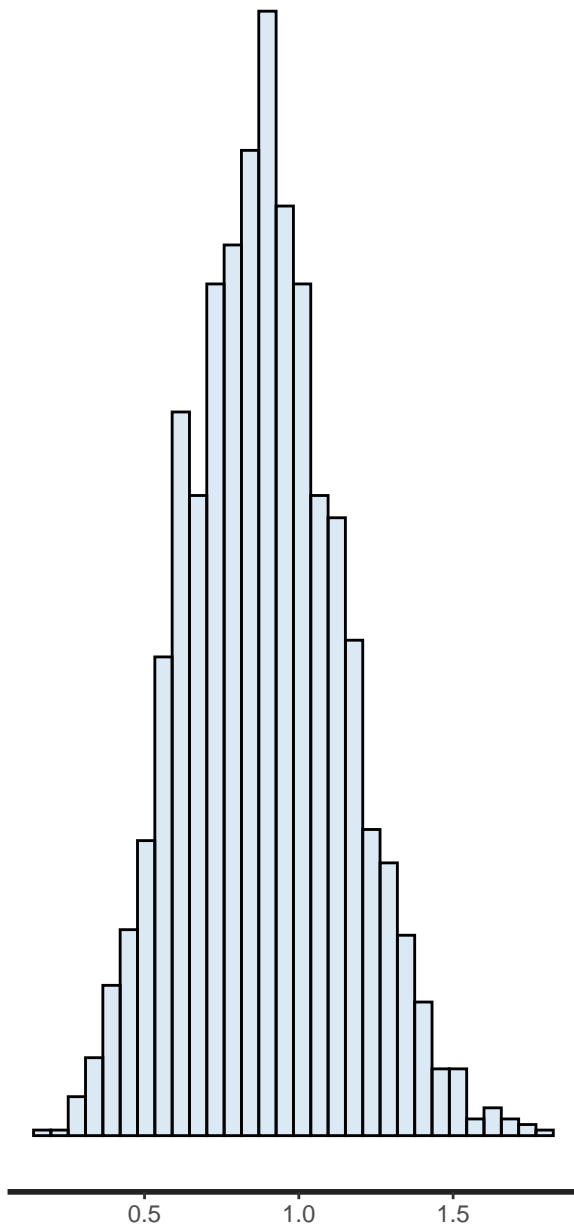




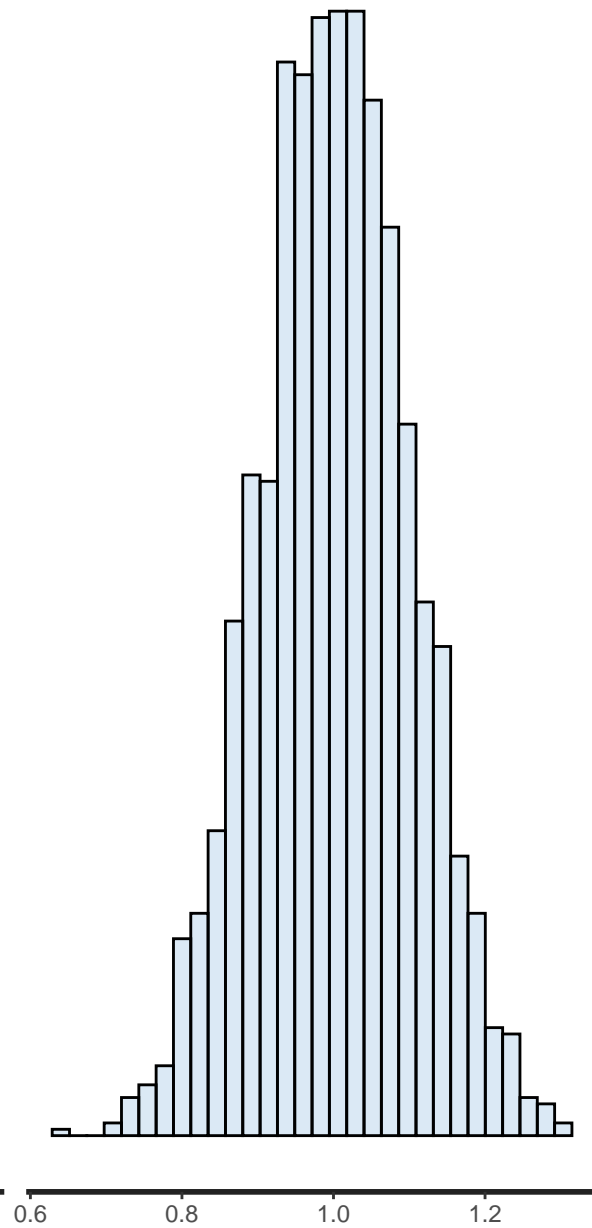
beta\_multiplier[1]



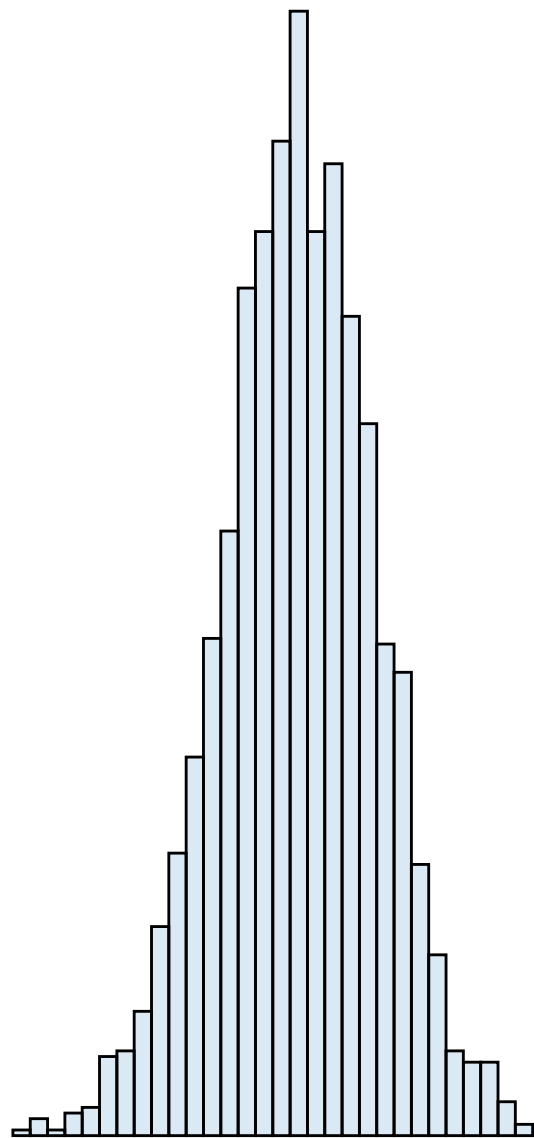
beta\_multiplier[2]



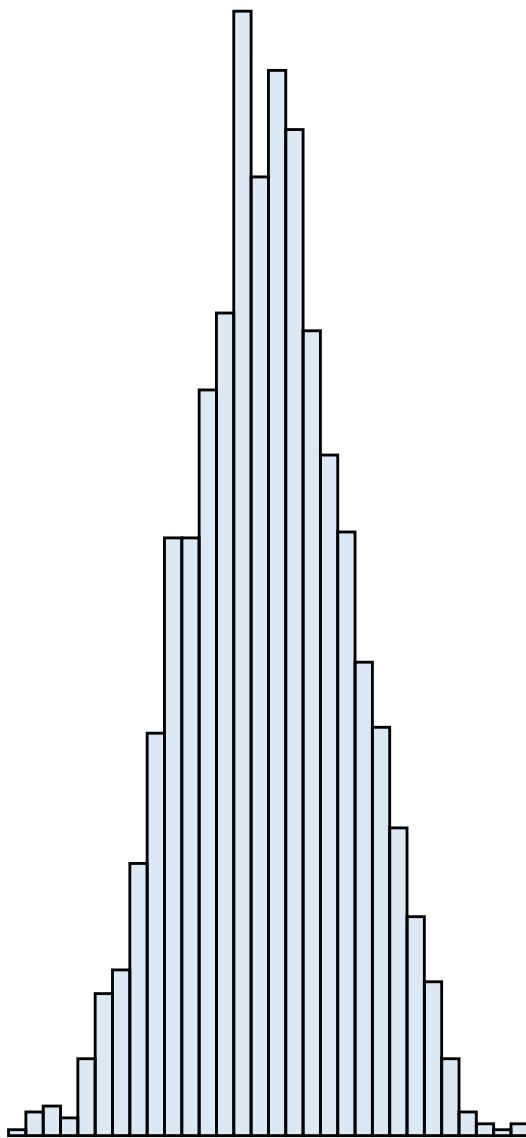
beta\_multiplier[3]



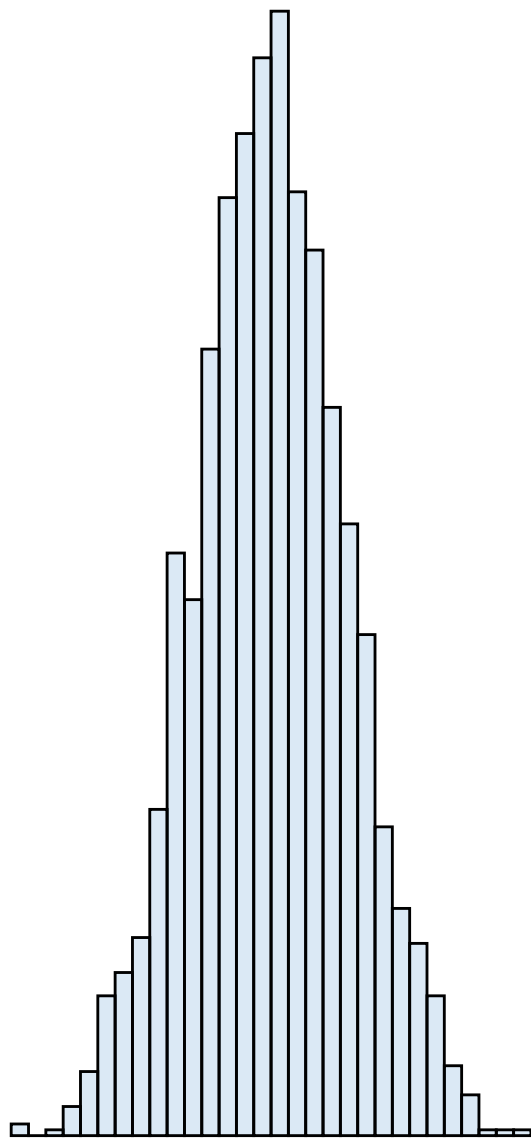
t\_inter[1]



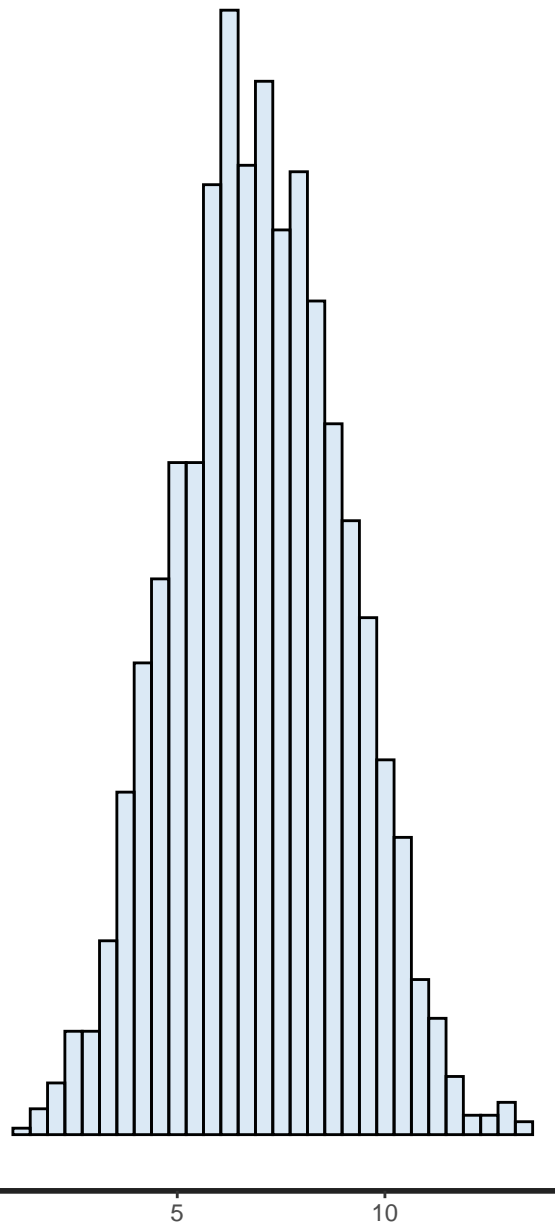
t\_inter[2]



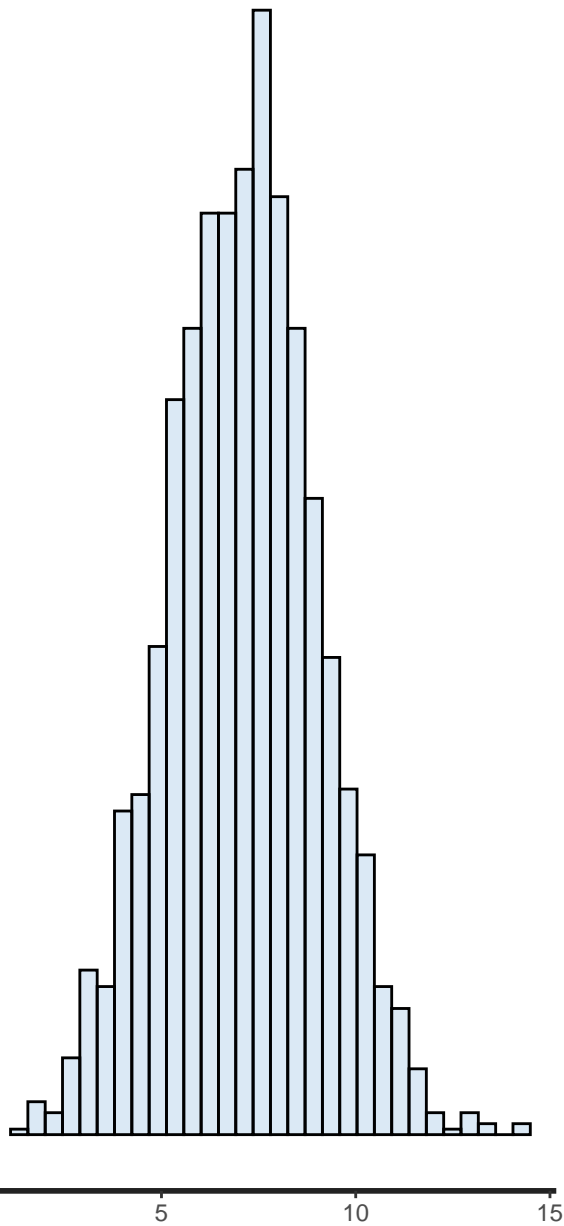
t\_inter[3]



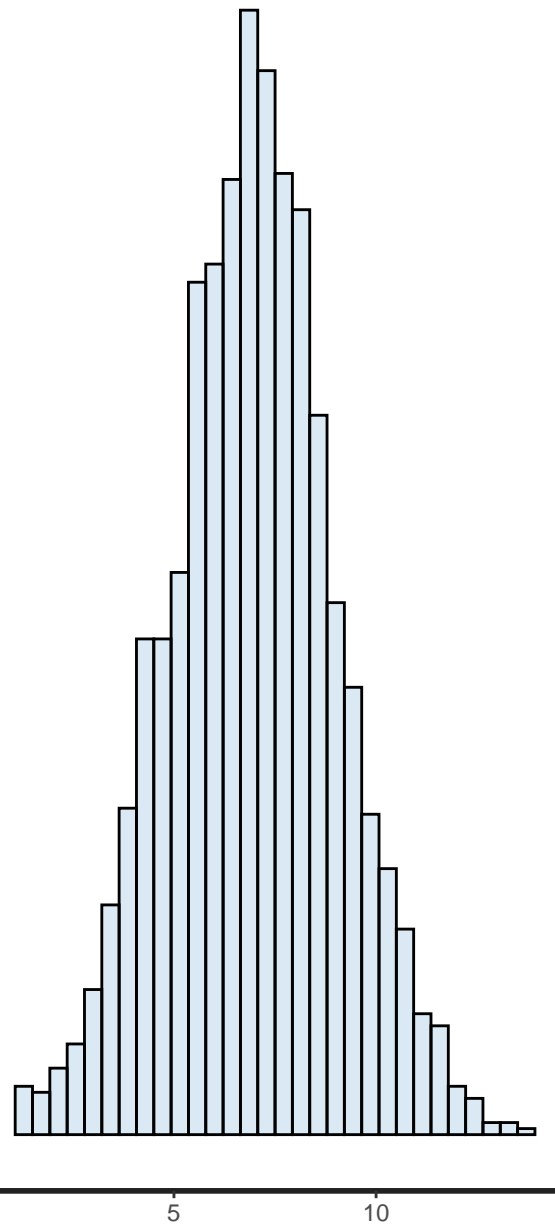
len\_inter[1]



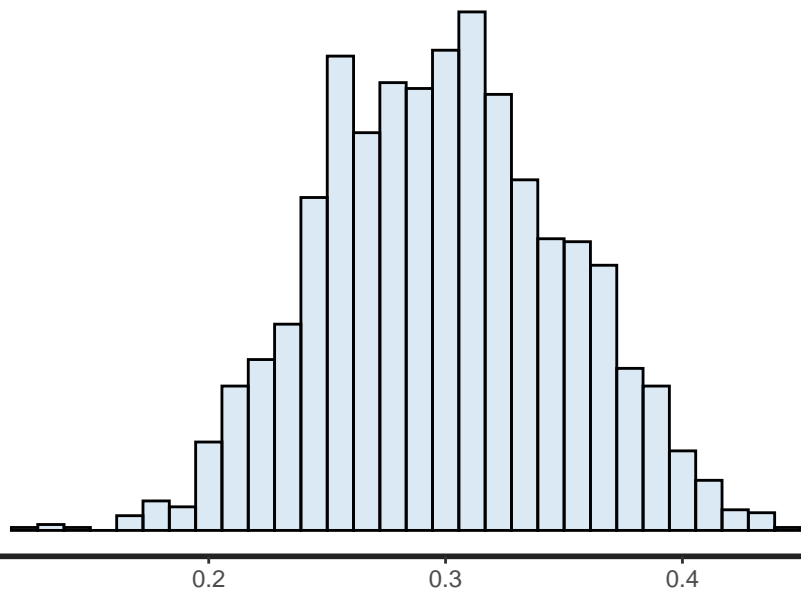
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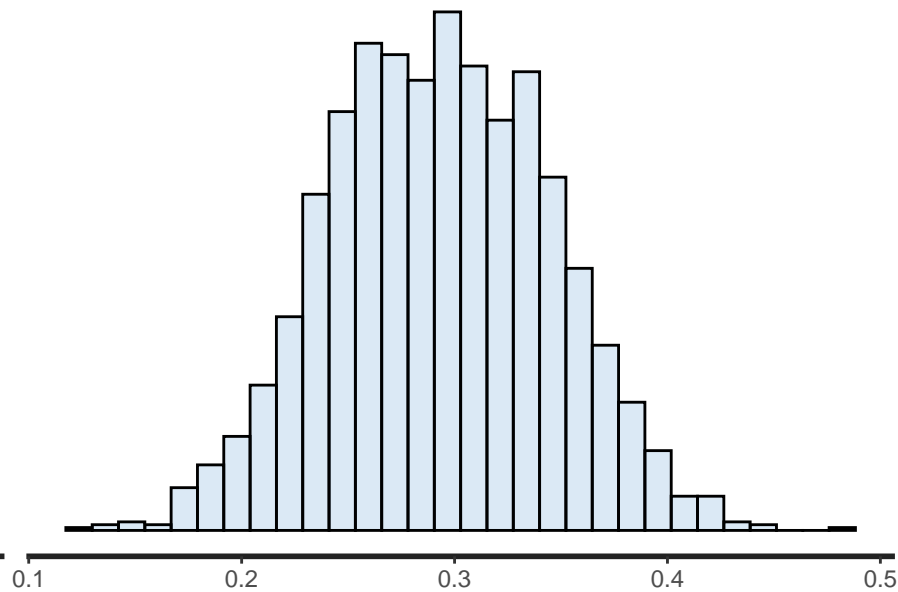
len\_inter[3]



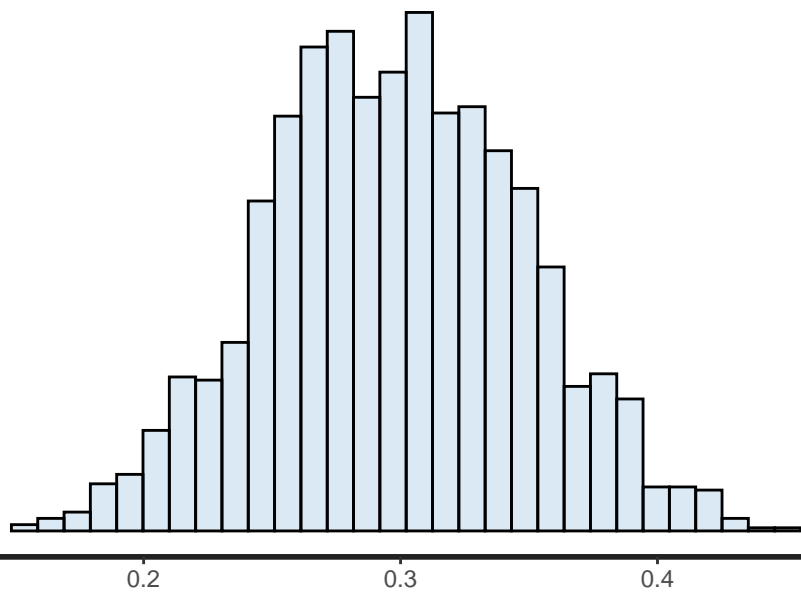
**frac\_PUI[1]**



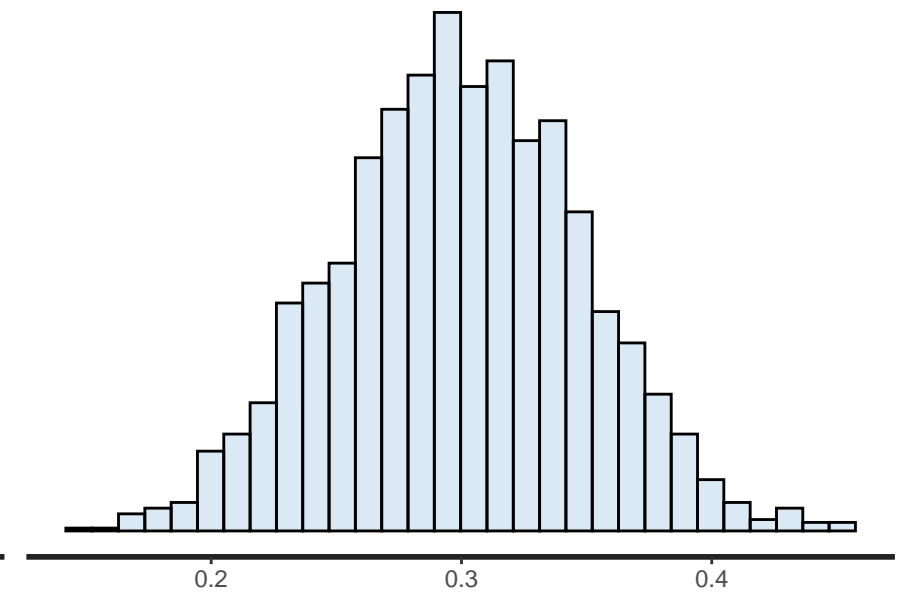
**frac\_PUI[2]**

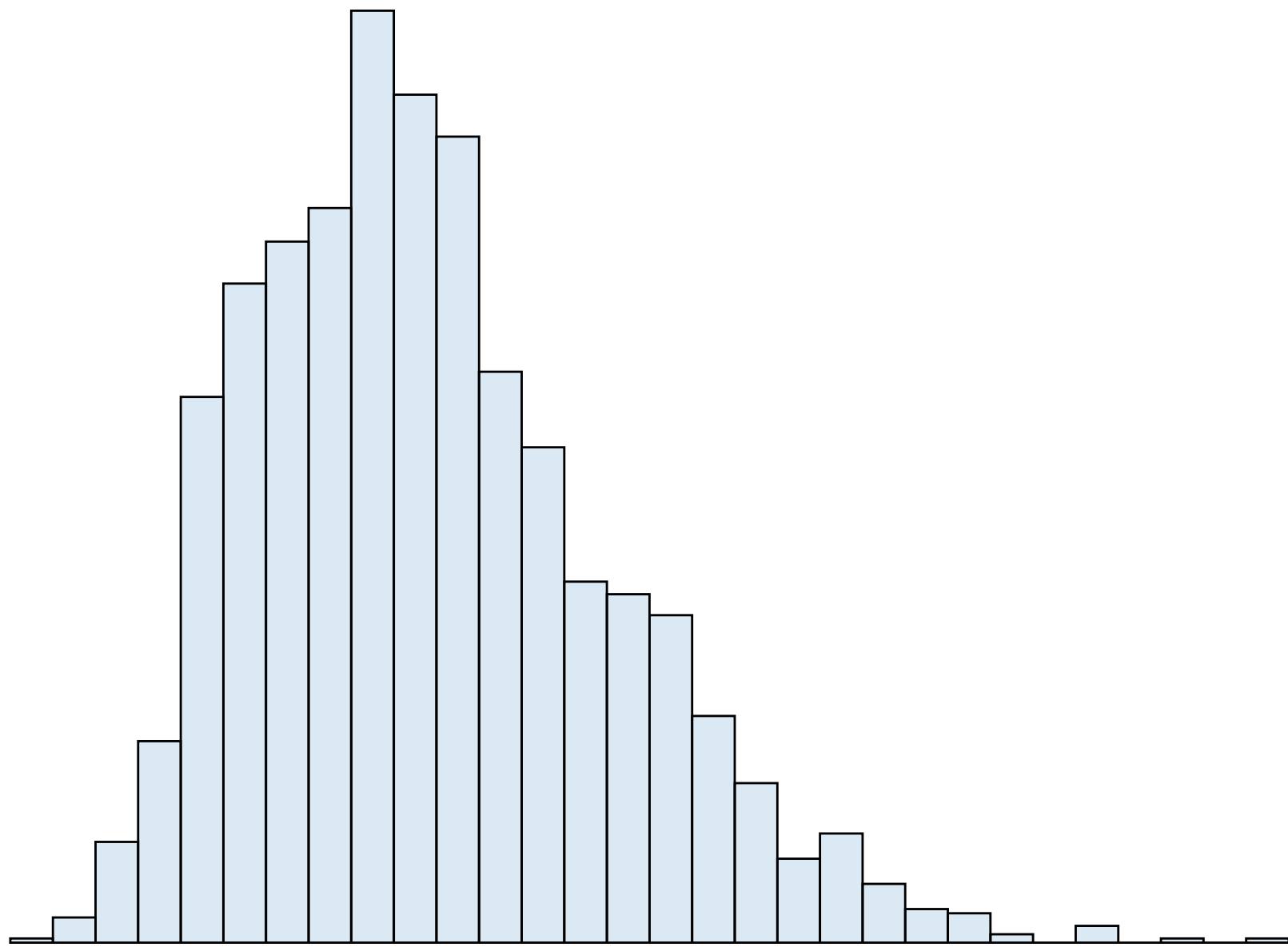


**frac\_PUI[3]**



**frac\_PUI[4]**





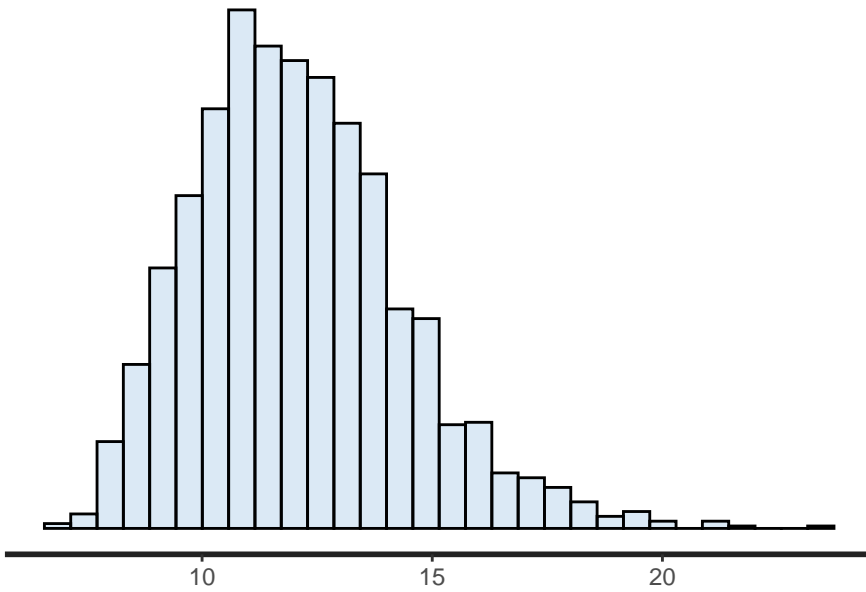
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10

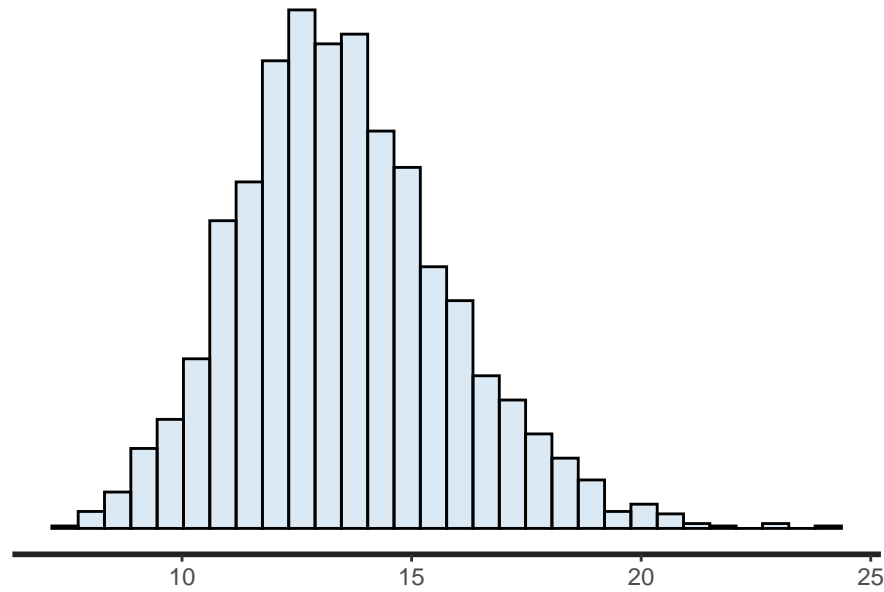
ini\_exposed

20

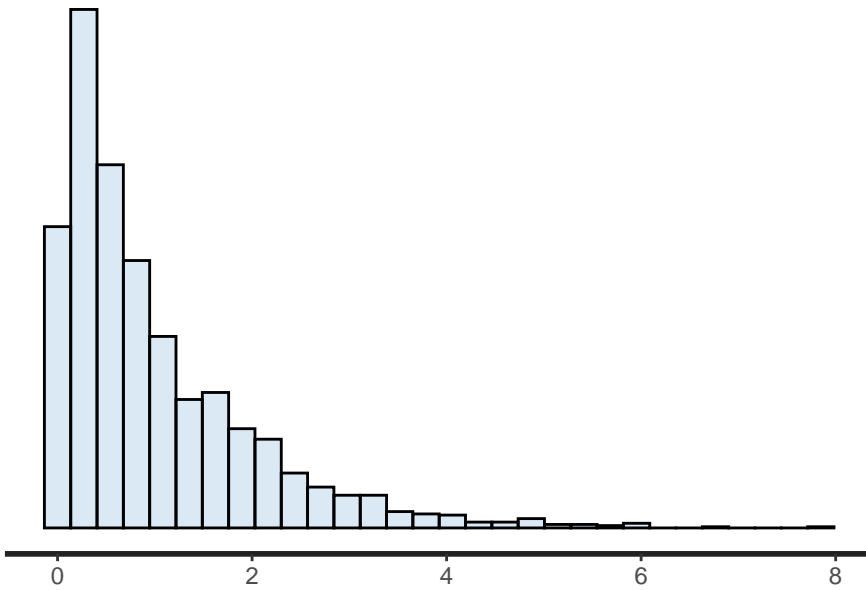
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

