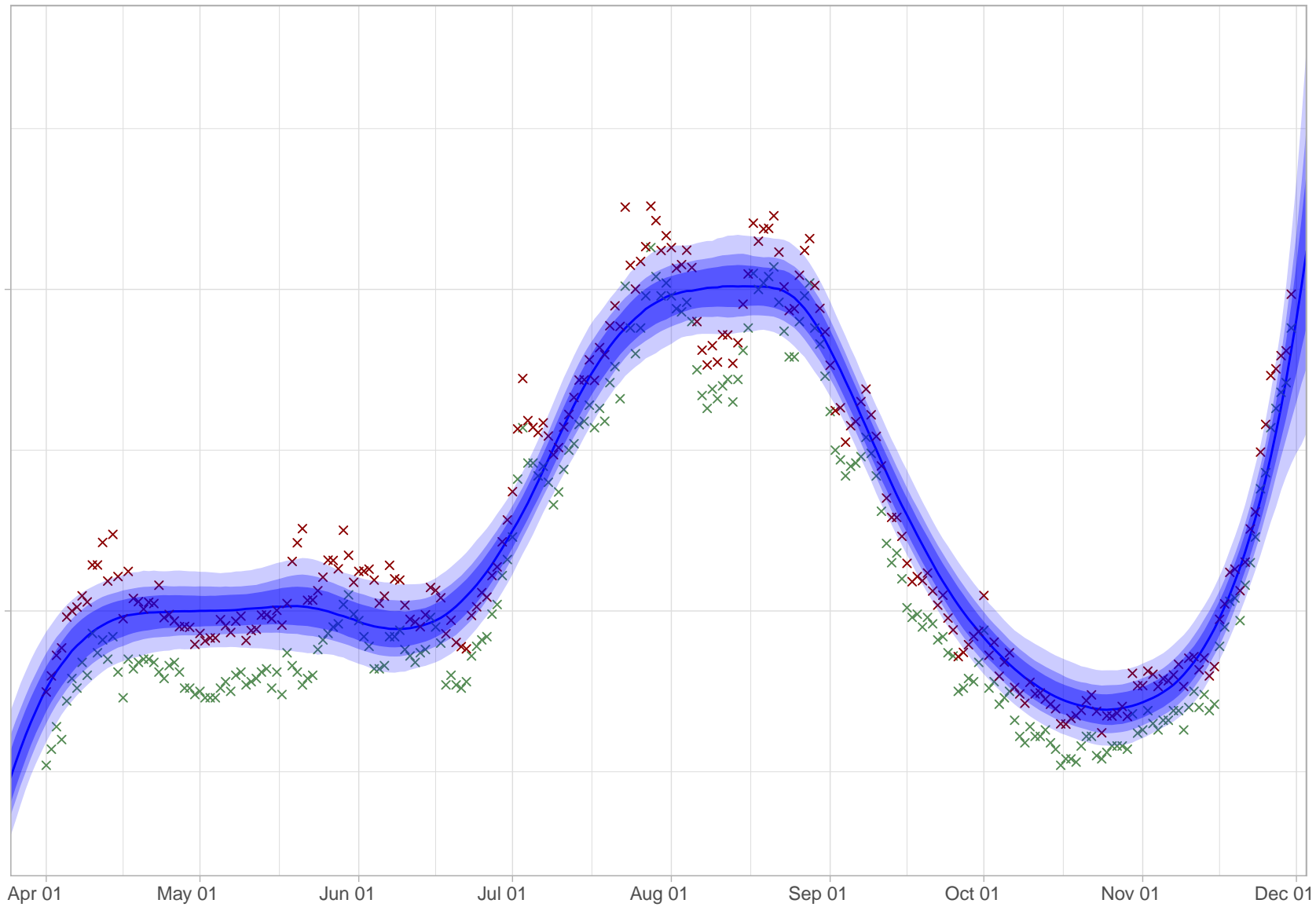


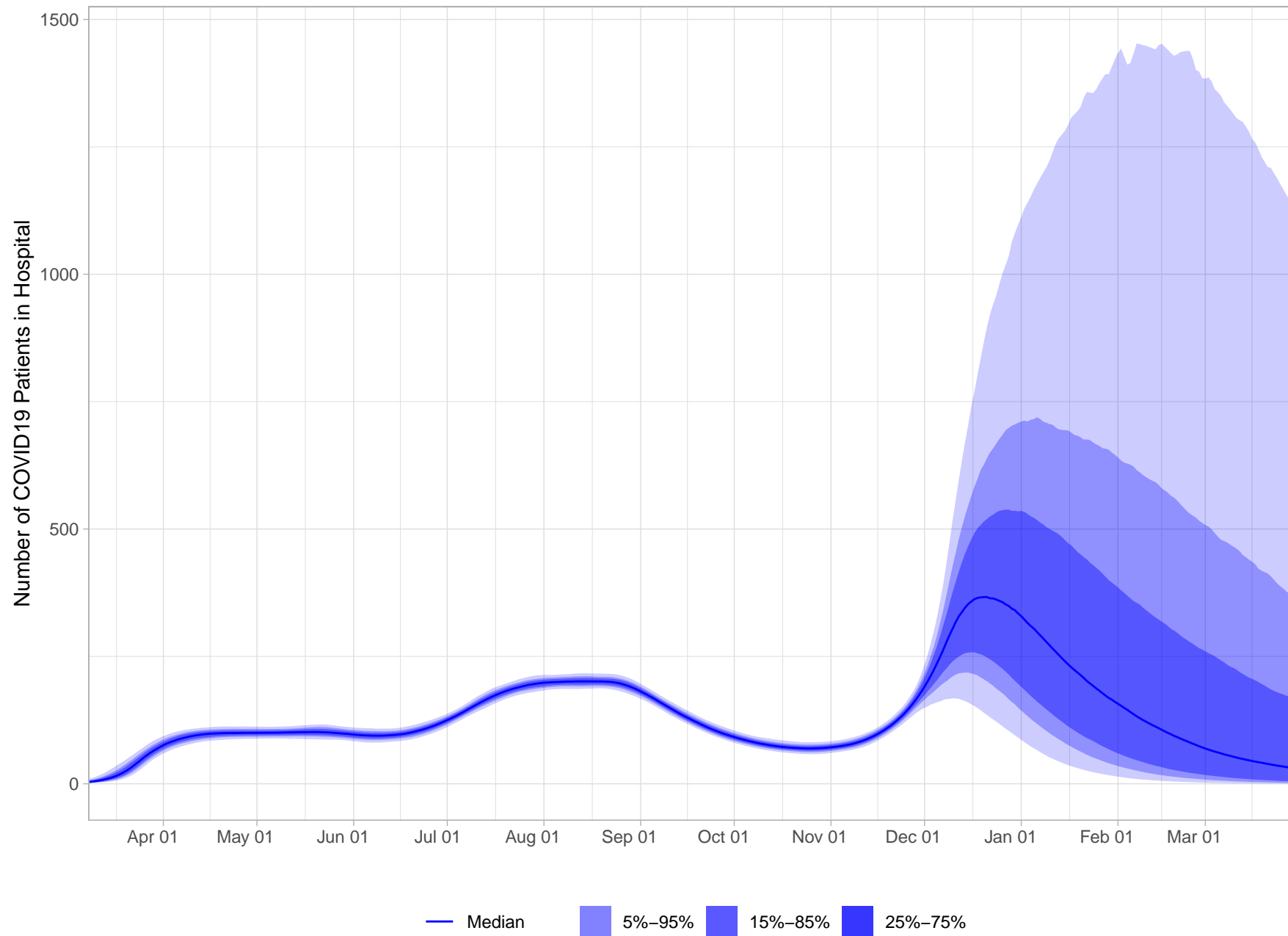
# Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

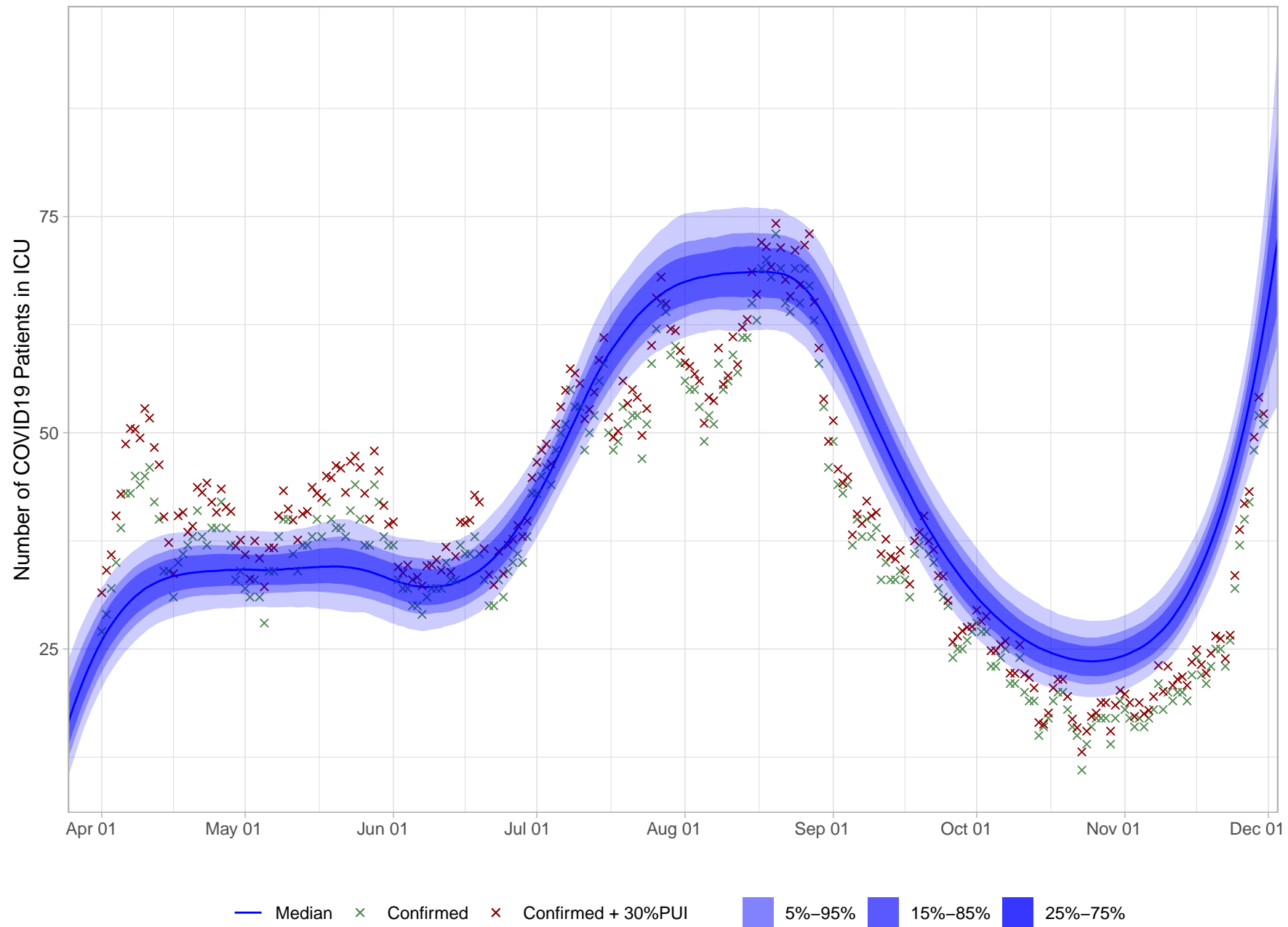


— Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

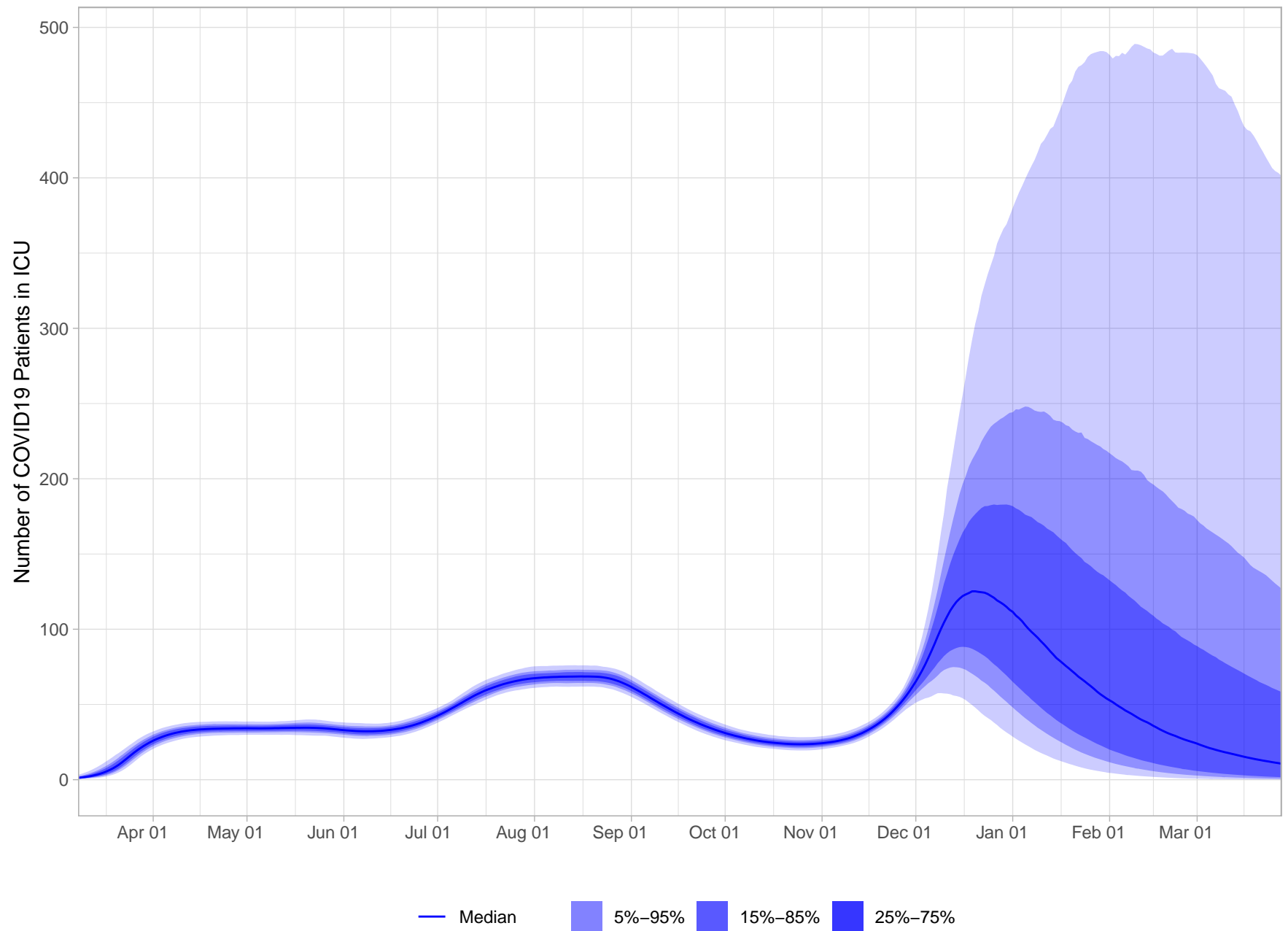
# Long Term Hospitalization Projection



# Short Term ICU Projection

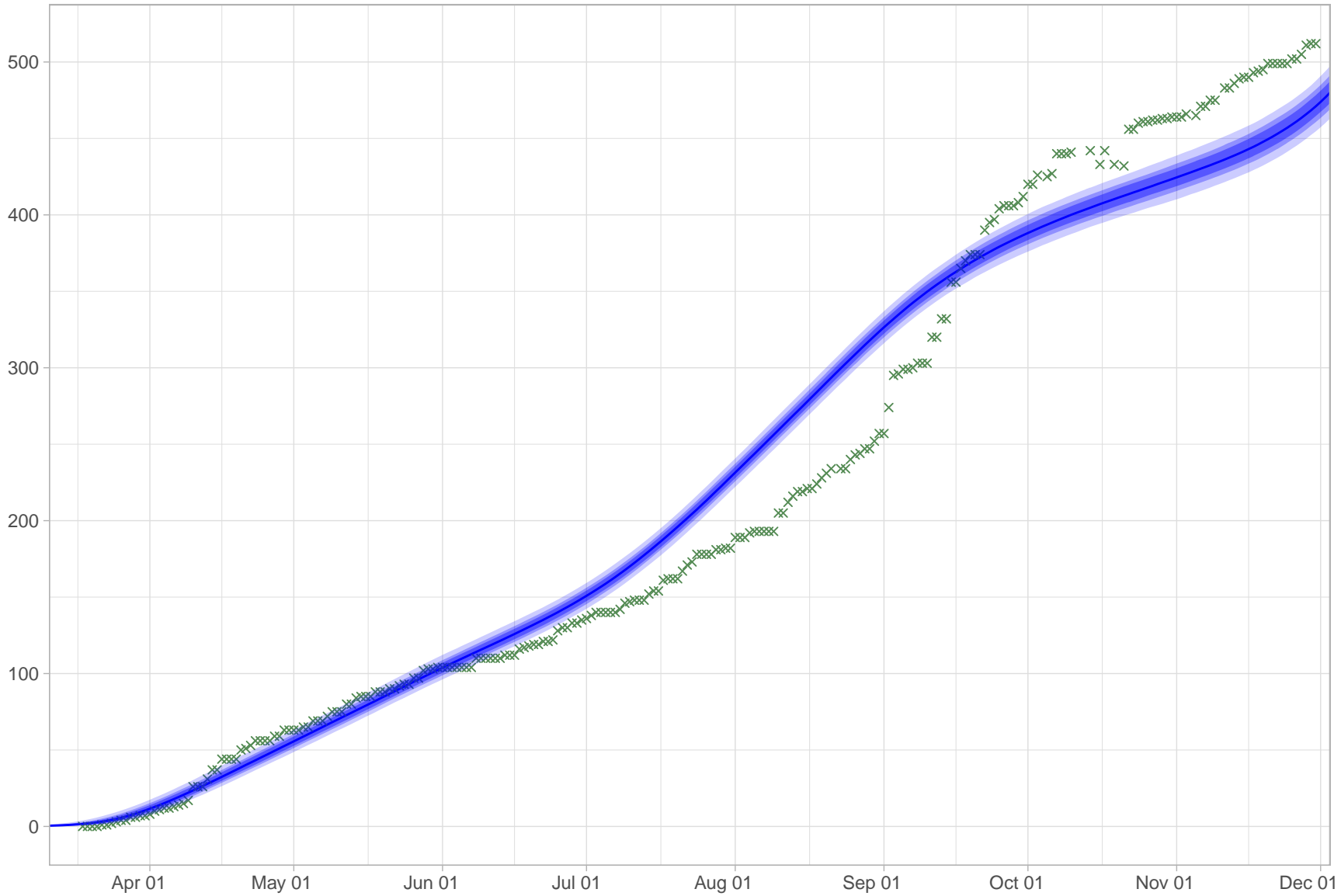


# Long Term ICU Projection



# Short Term Death Projection

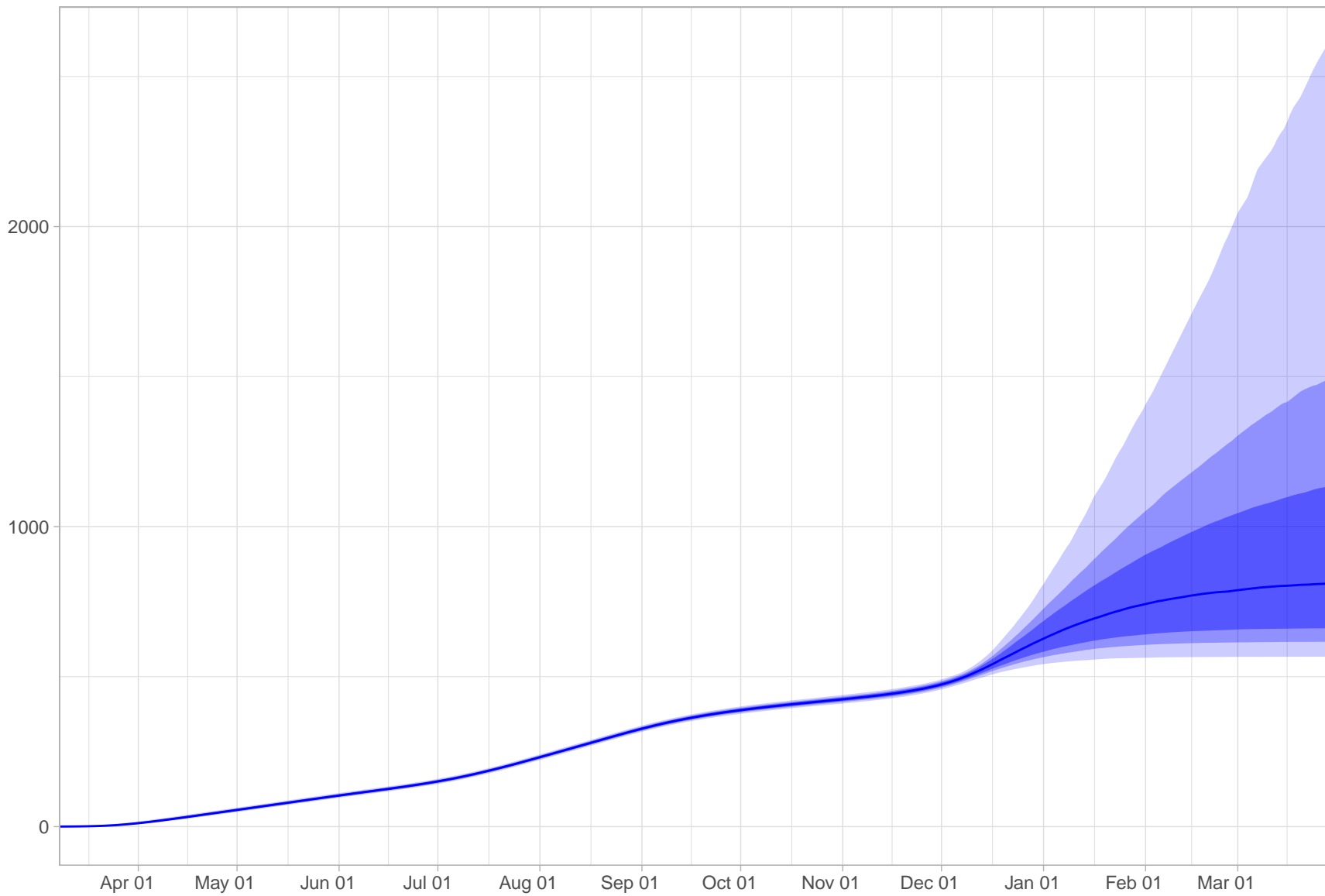
Number of COVID19 Deaths



Median × Confirmed 5%–95% 15%–85% 25%–75%

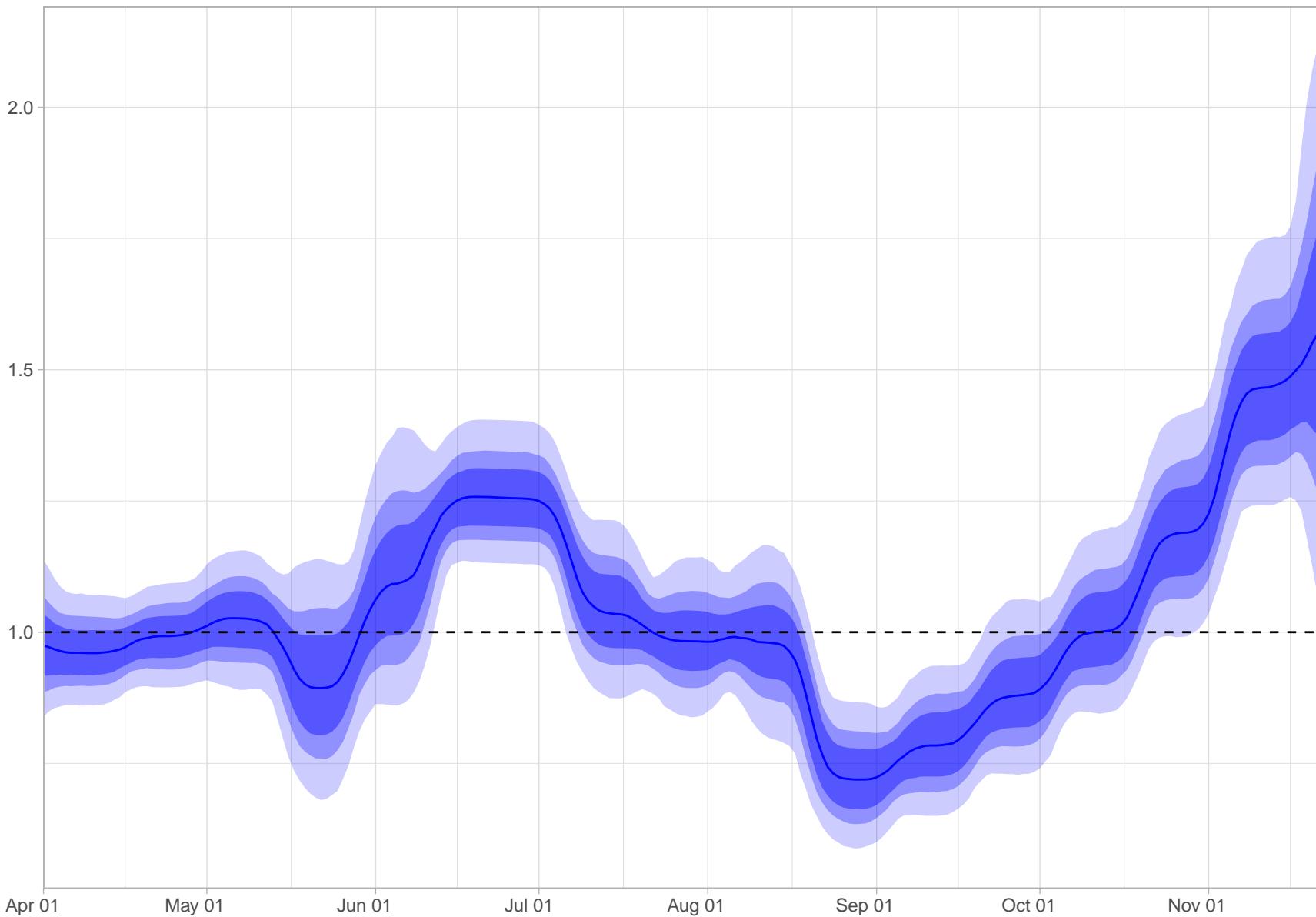
# Long Term Death Projection

Number of COVID19 Deaths



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

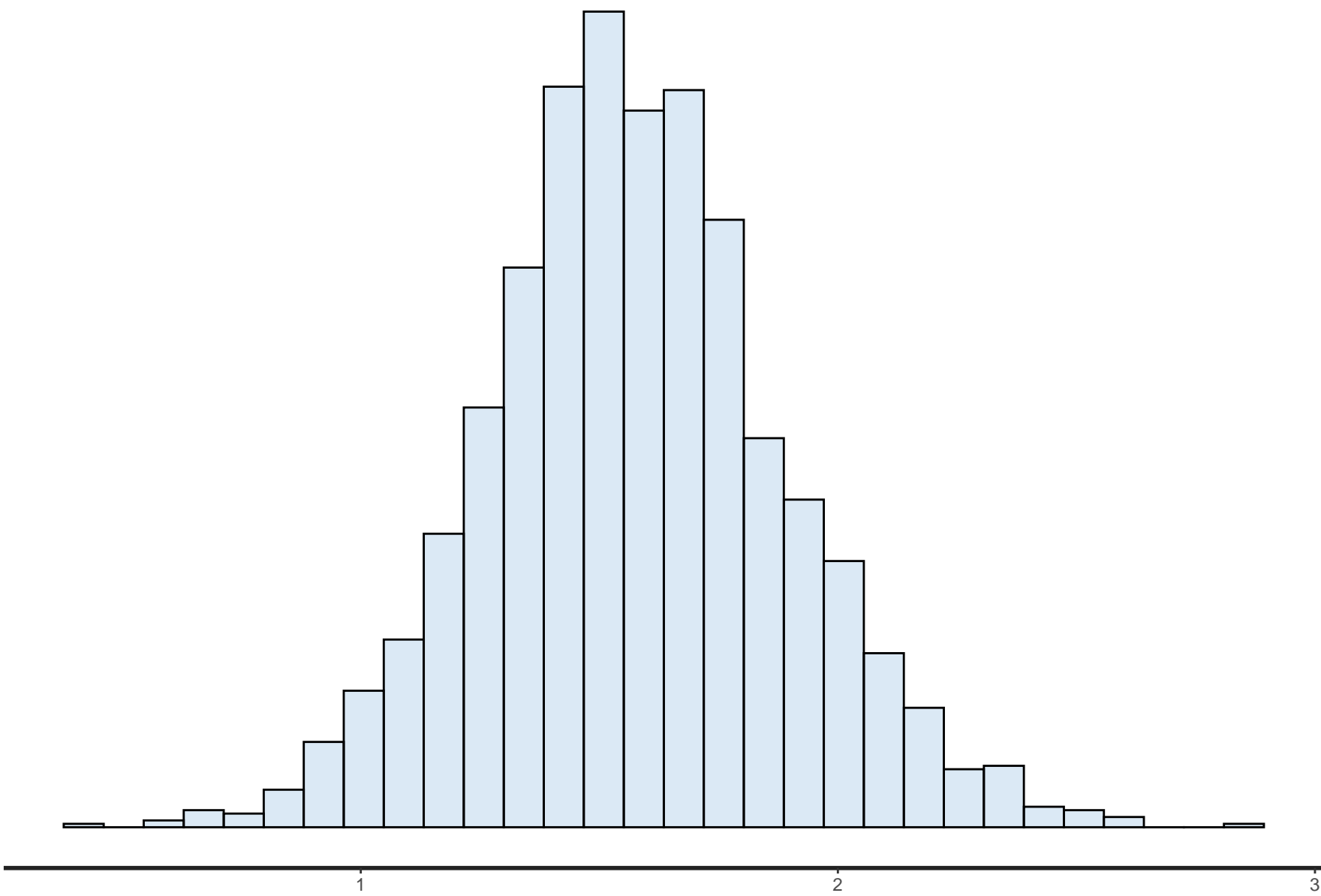
Effective Reproduction Number



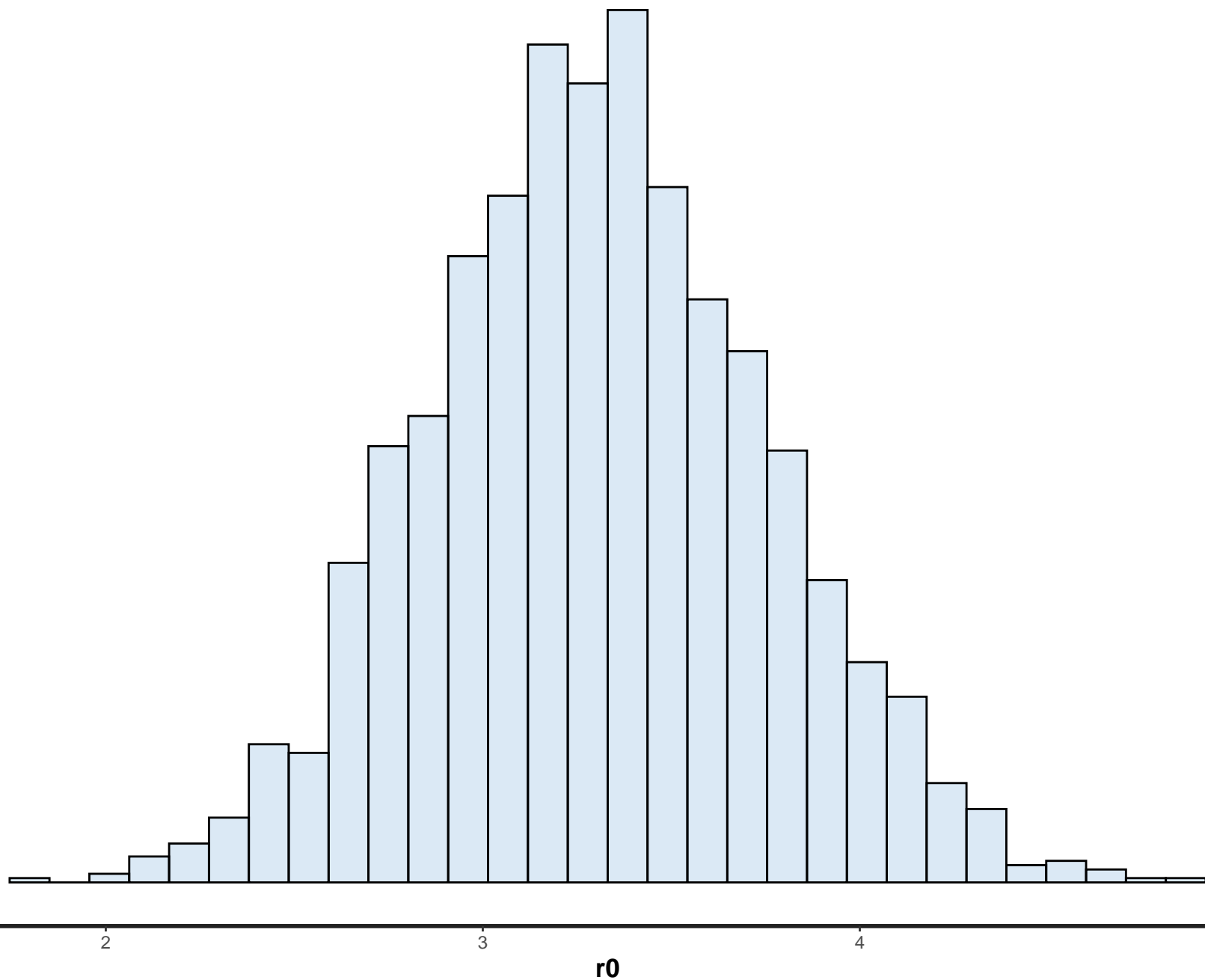
— Median    5%-95%    15%-85%    25%-75%

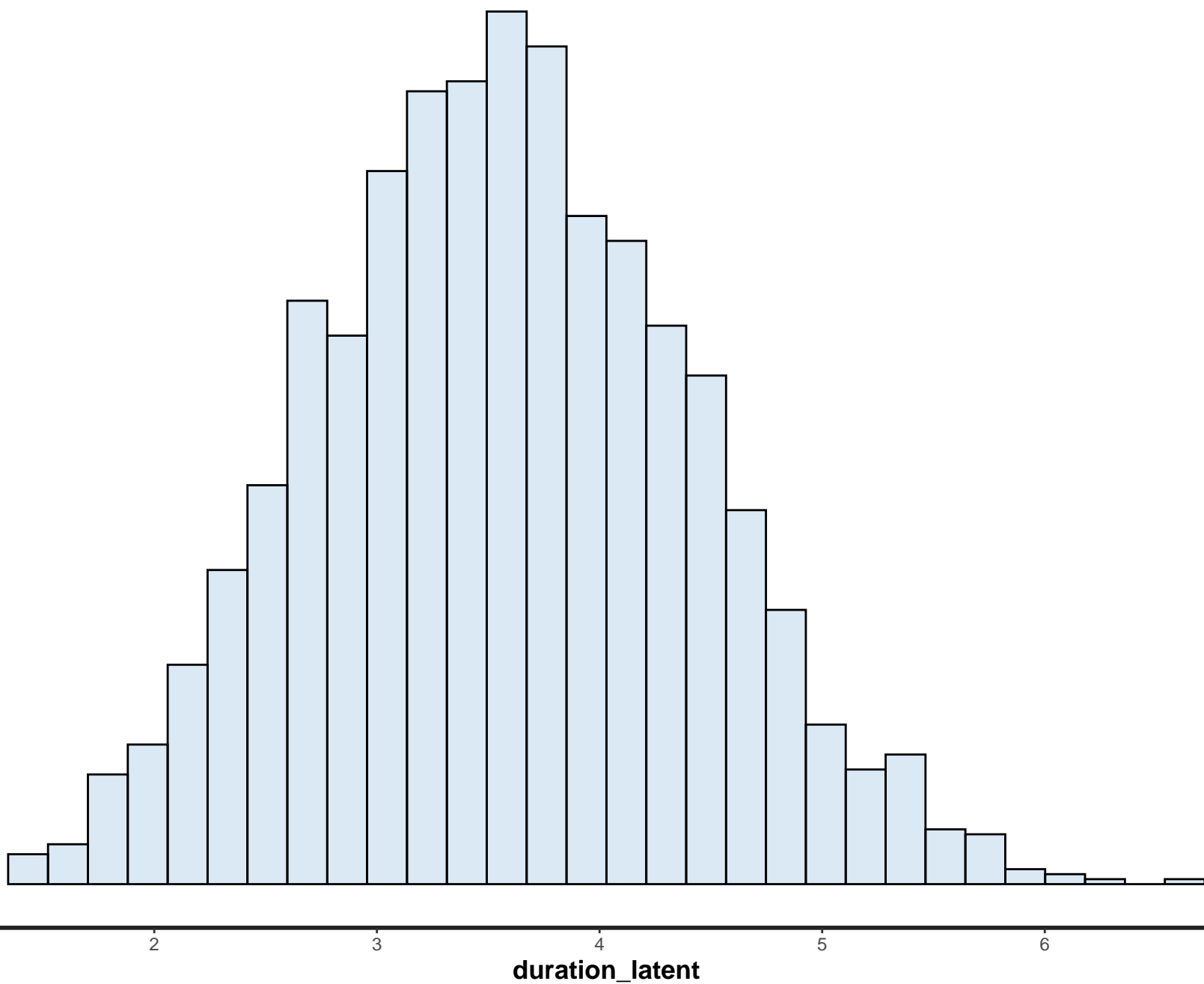
# Rt as of 2020-11-21

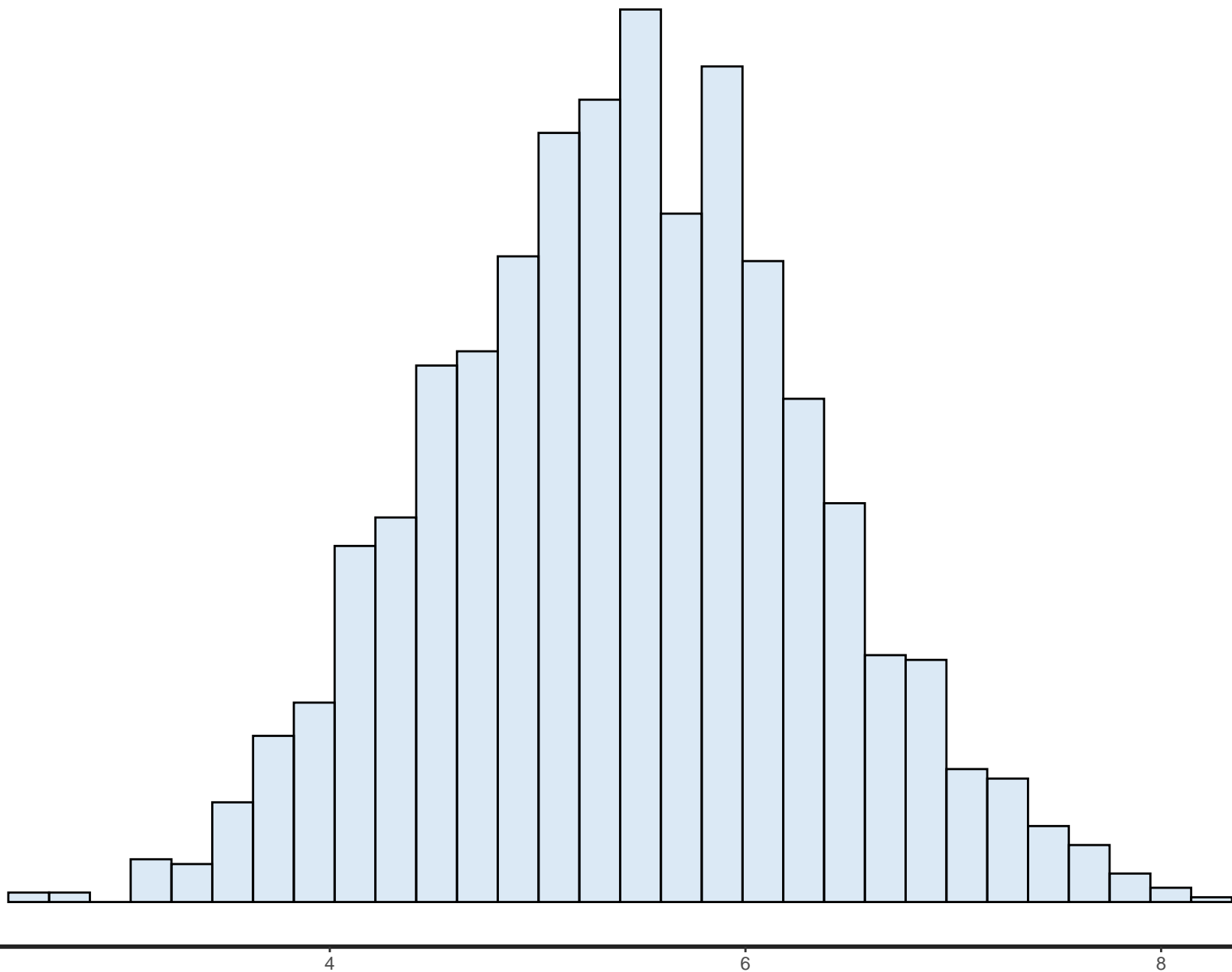
5%	10%	25%	50%	75%	90%	95%
1.07	1.19	1.38	1.57	1.76	1.99	2.12

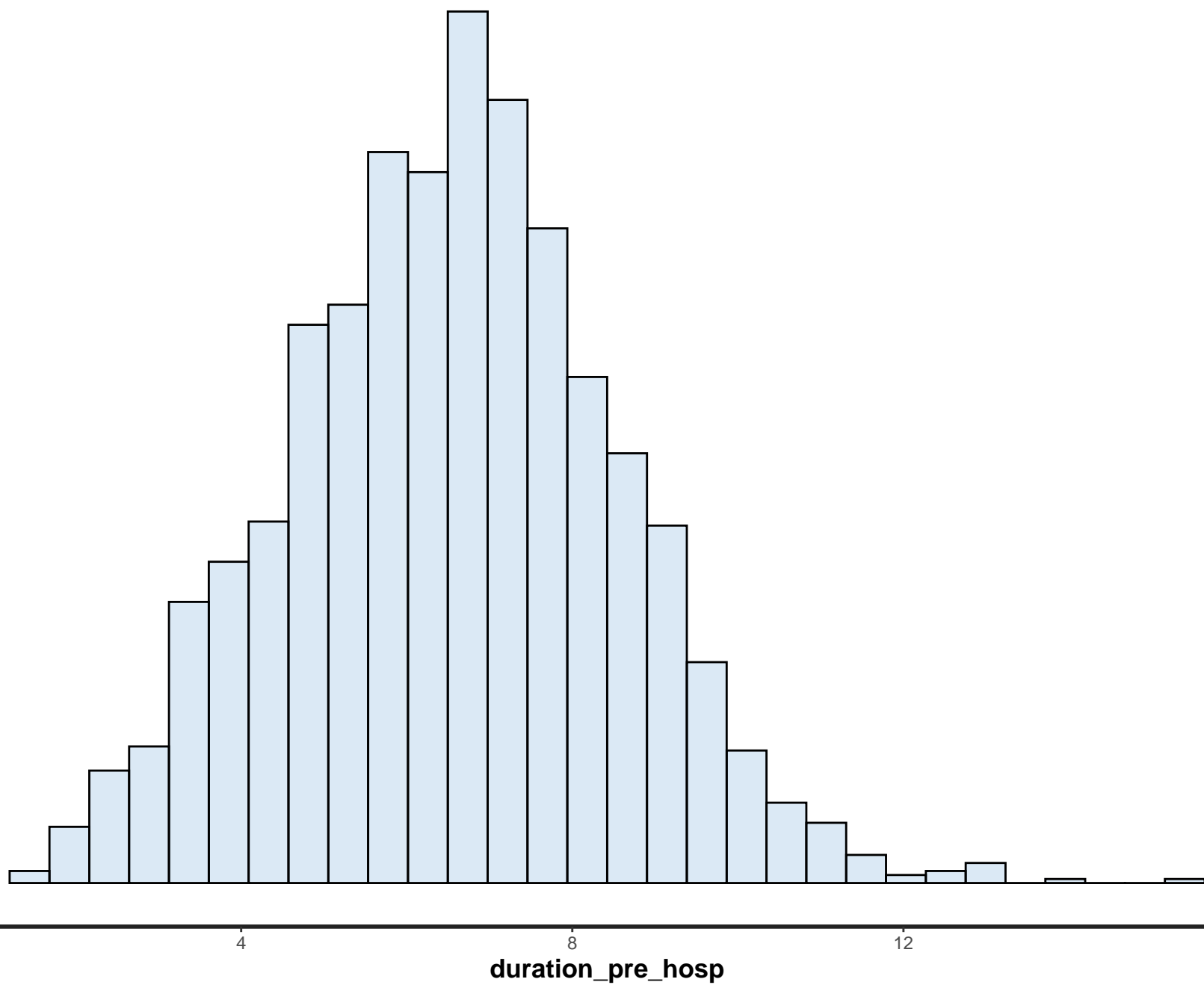


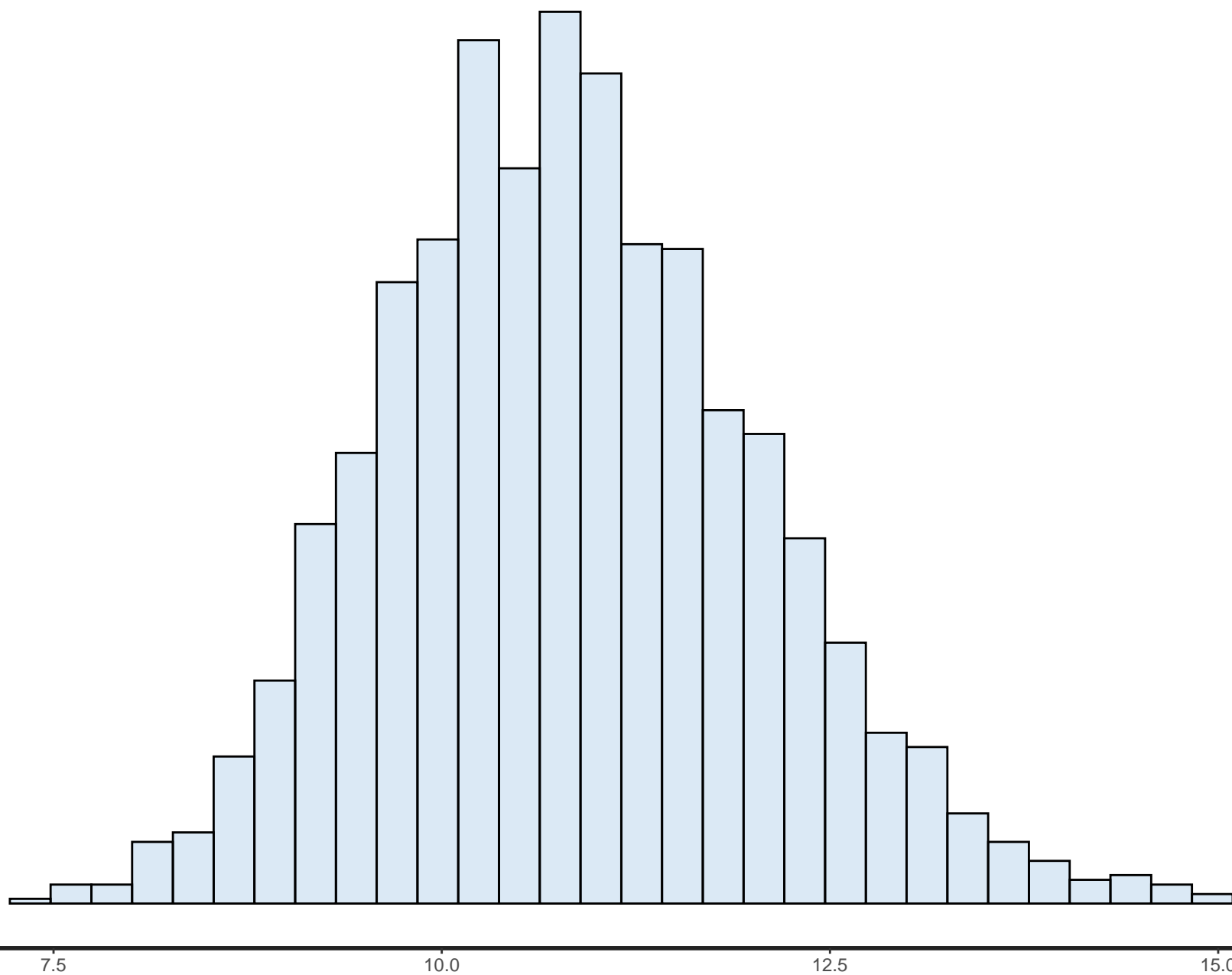


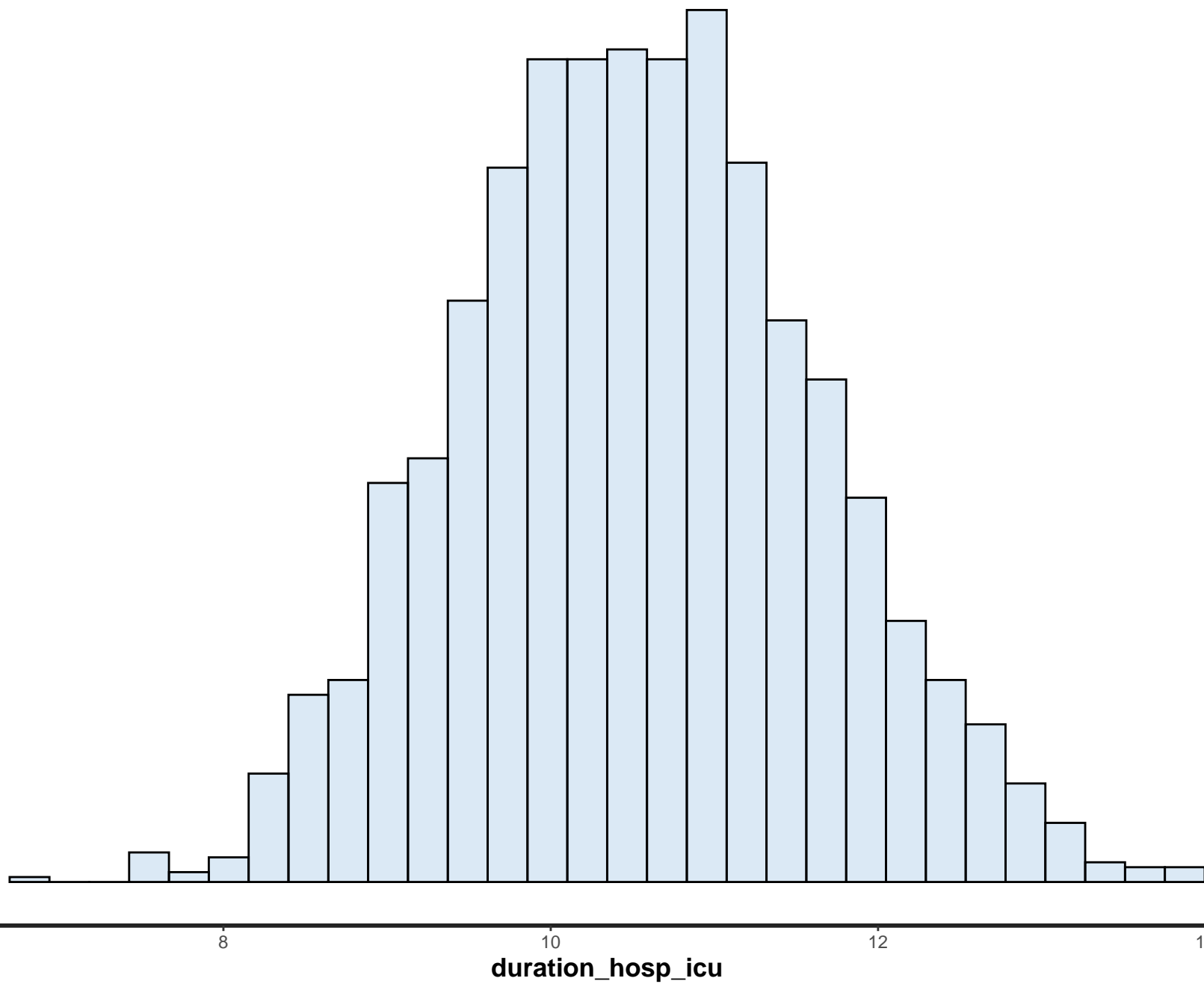


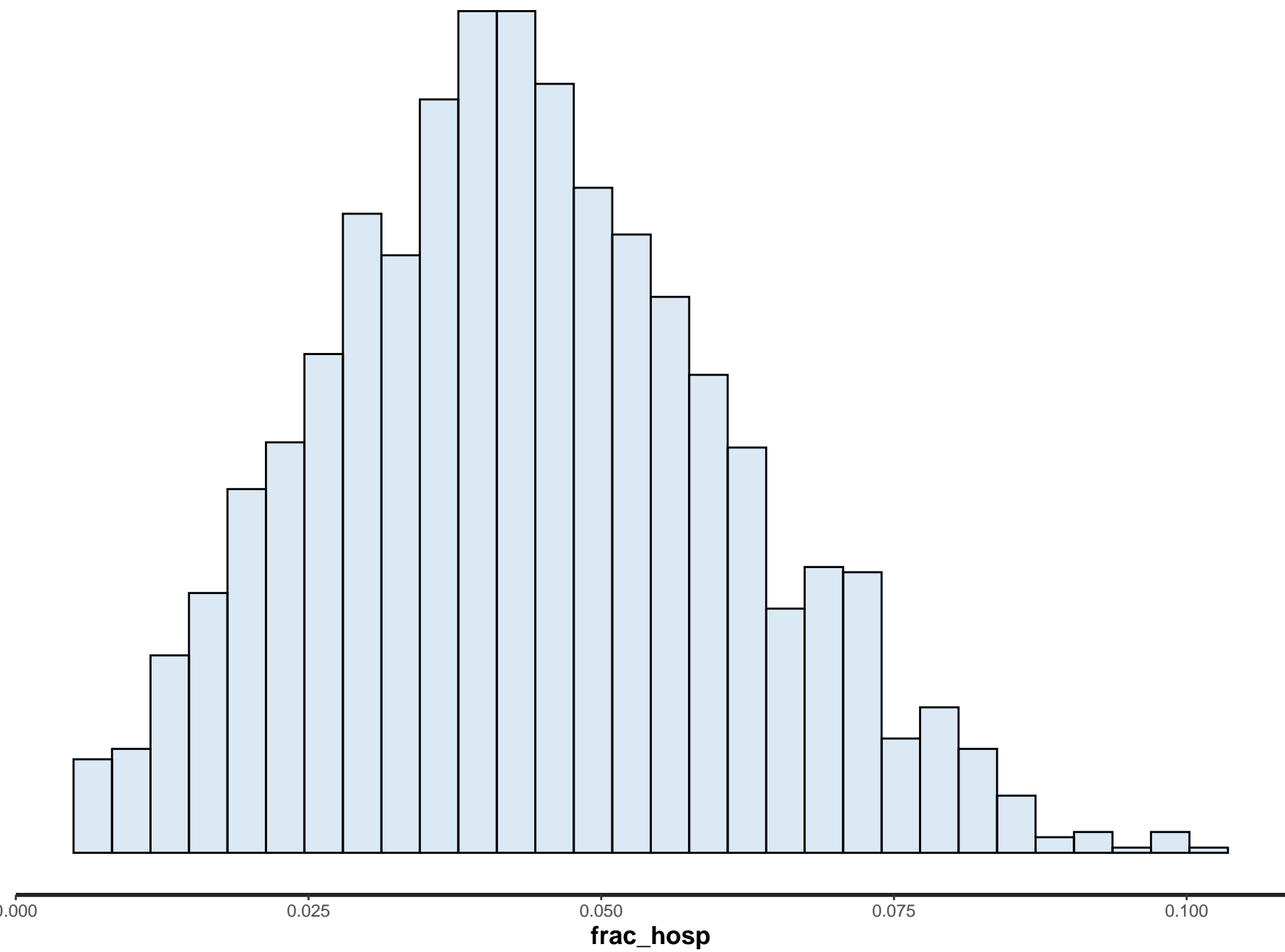


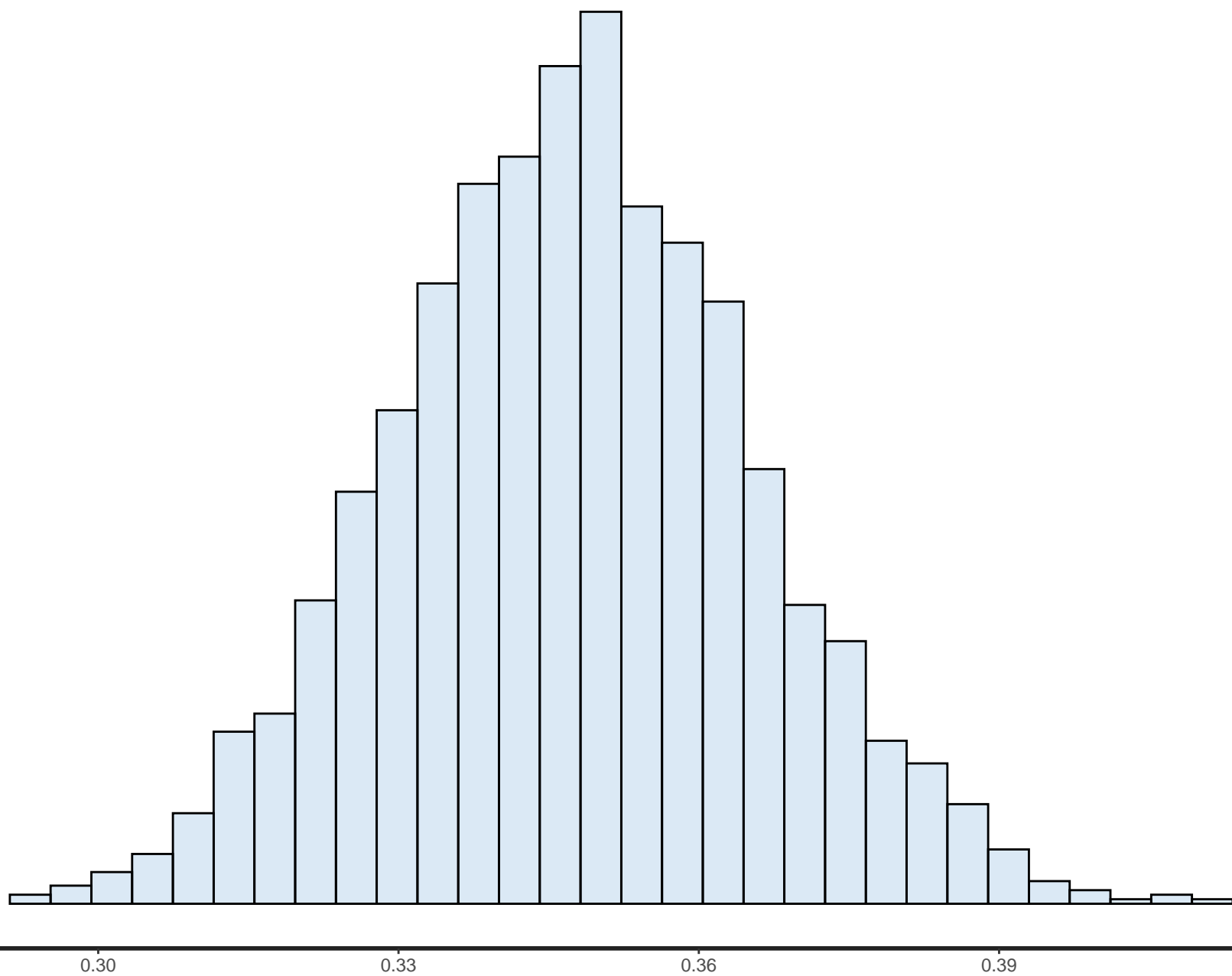




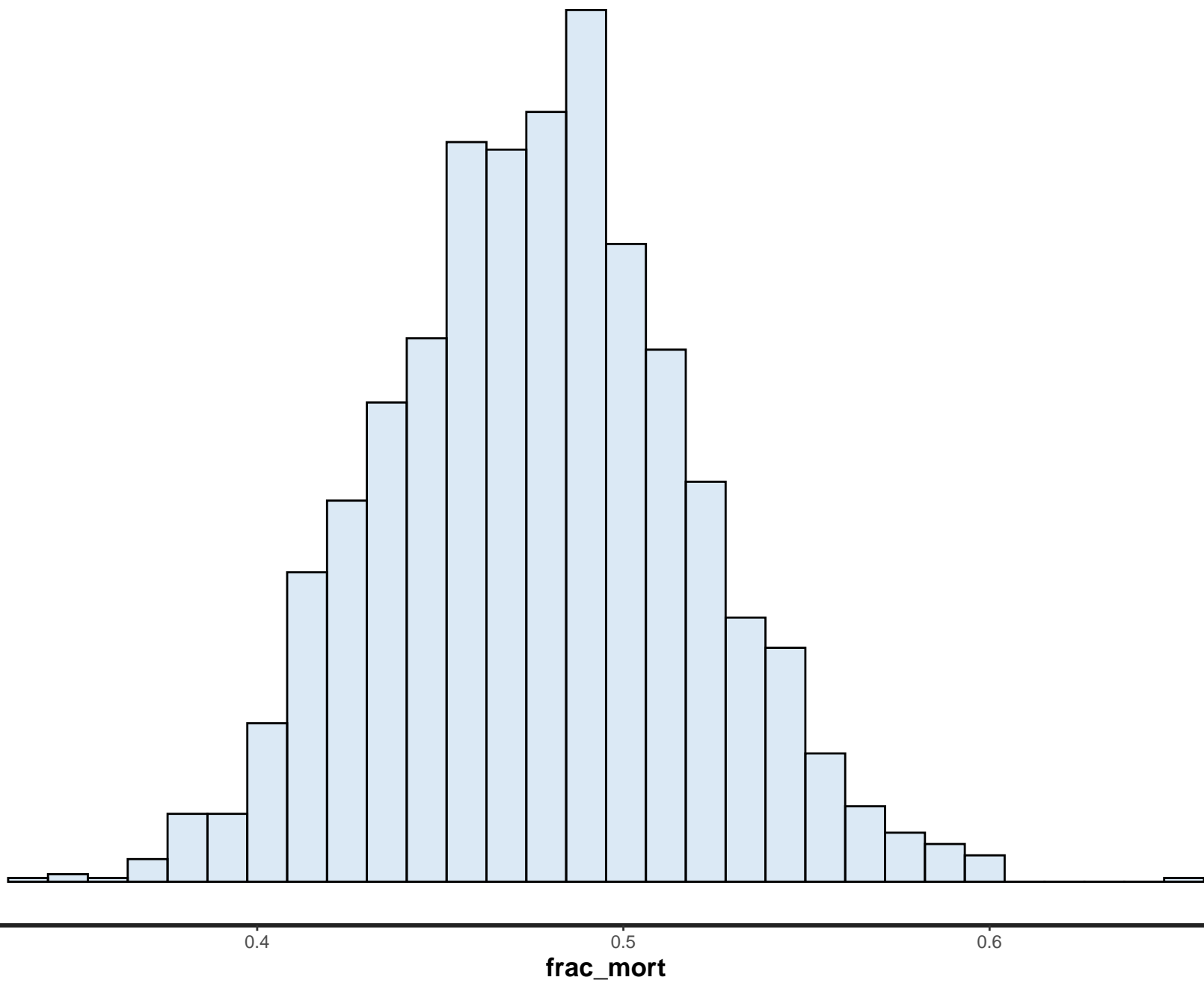




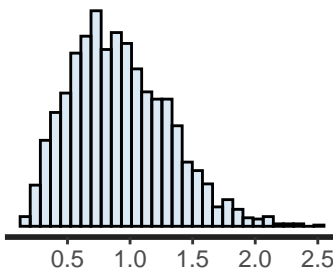




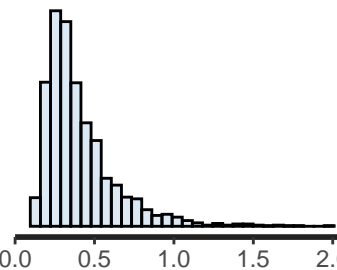




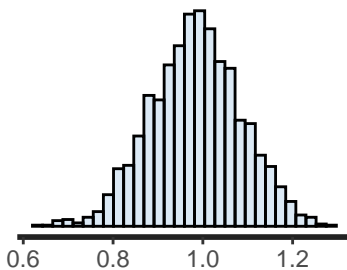
beta\_multiplier[1]



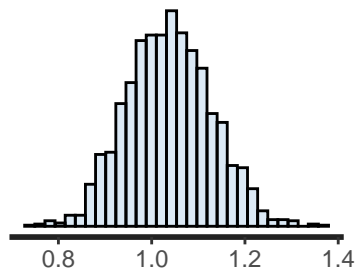
beta\_multiplier[2]



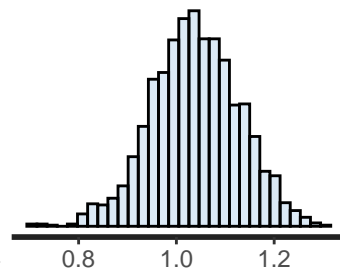
beta\_multiplier[3]



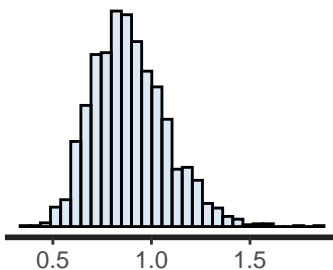
beta\_multiplier[4]



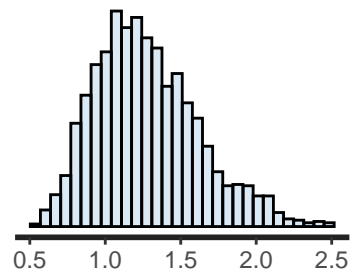
beta\_multiplier[5]



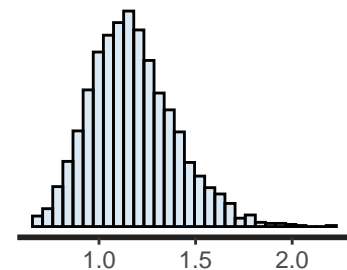
beta\_multiplier[6]



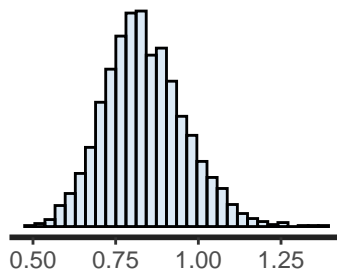
beta\_multiplier[7]



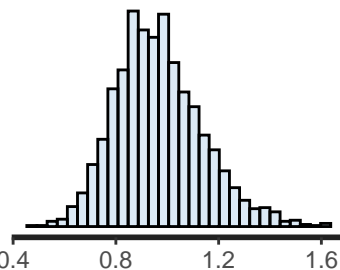
beta\_multiplier[8]



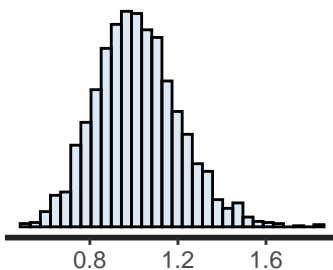
beta\_multiplier[9]



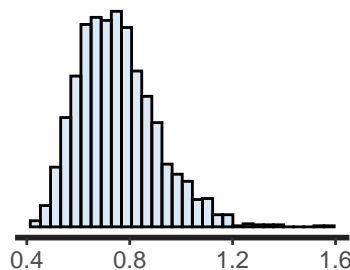
beta\_multiplier[10]



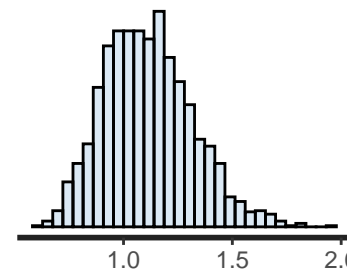
beta\_multiplier[11]



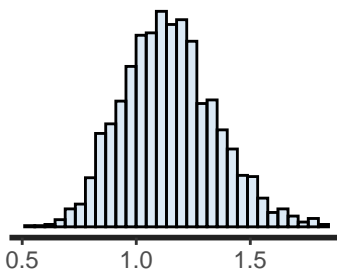
beta\_multiplier[12]



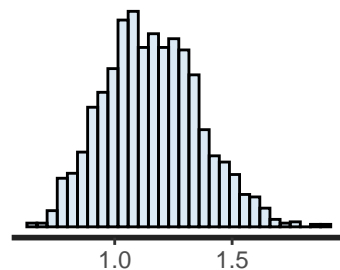
beta\_multiplier[13]



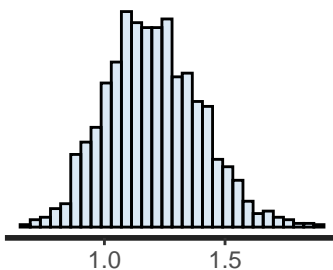
beta\_multiplier[14]



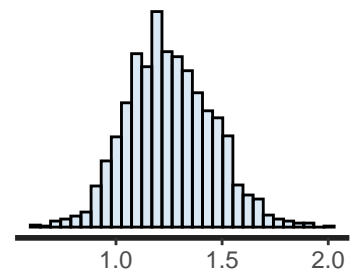
beta\_multiplier[15]



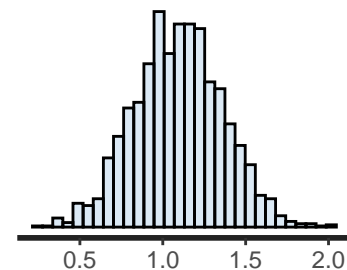
beta\_multiplier[16]



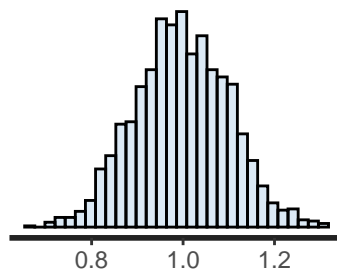
beta\_multiplier[17]



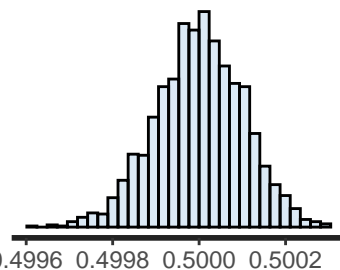
beta\_multiplier[18]

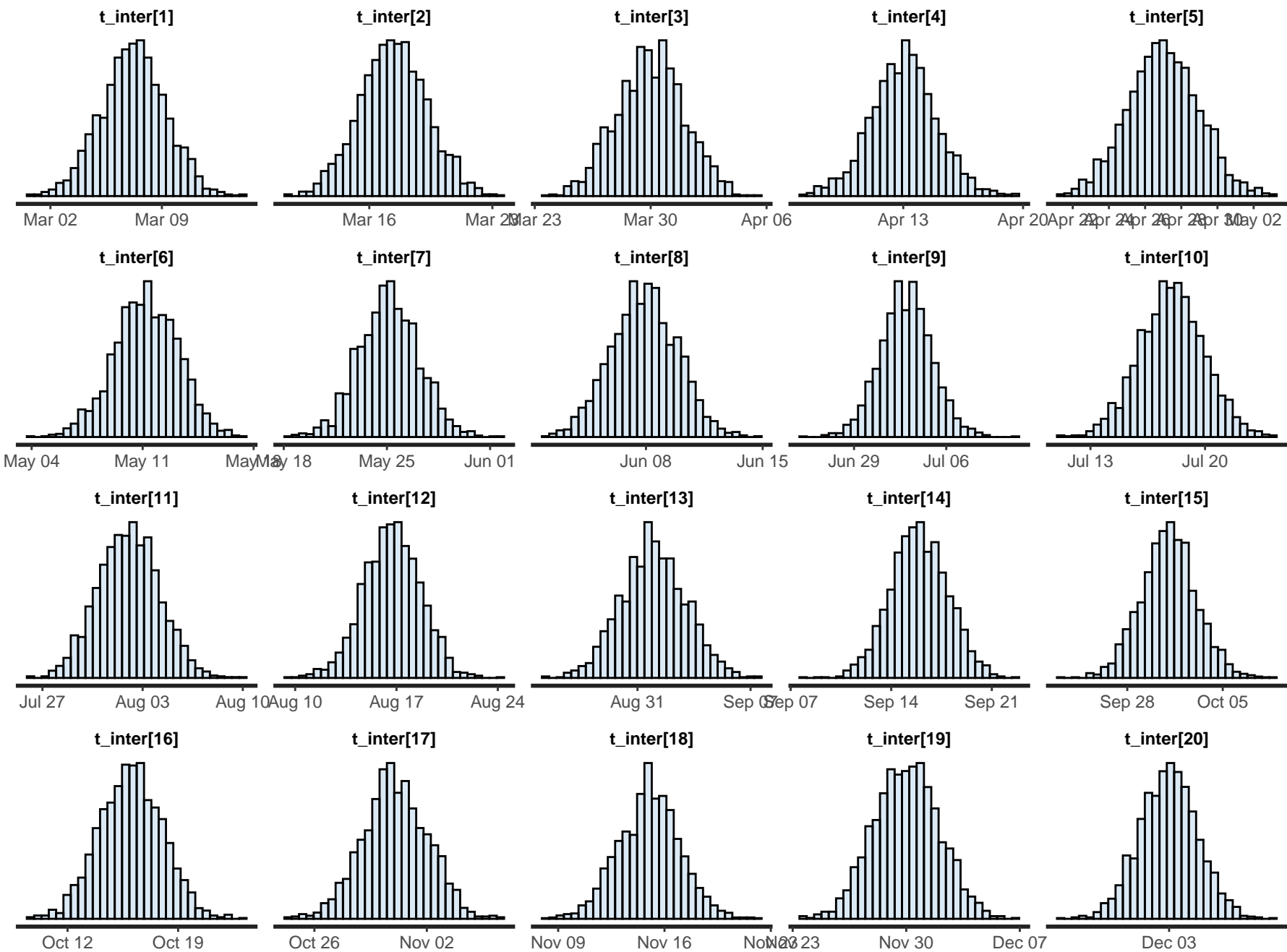


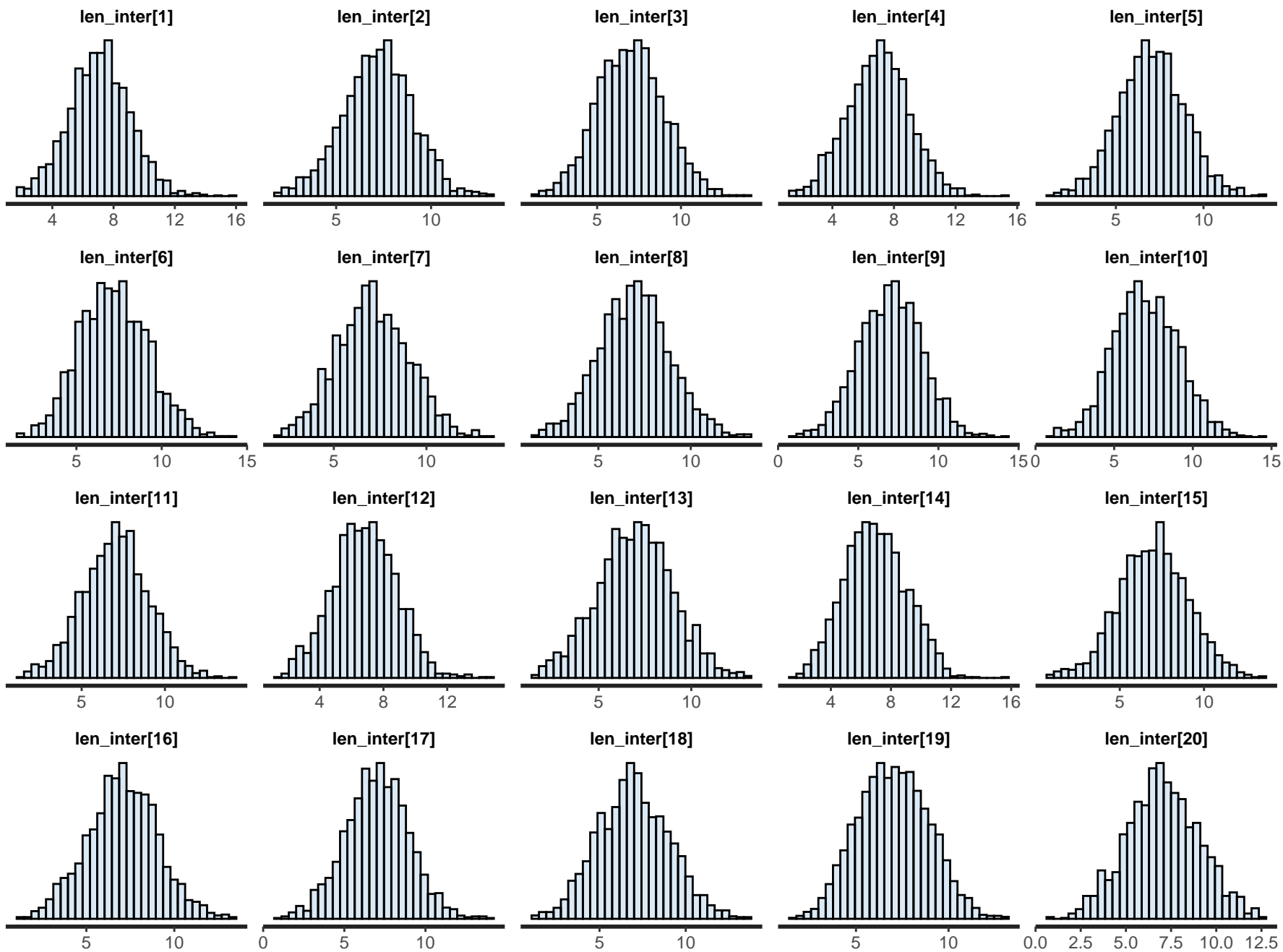
beta\_multiplier[19]



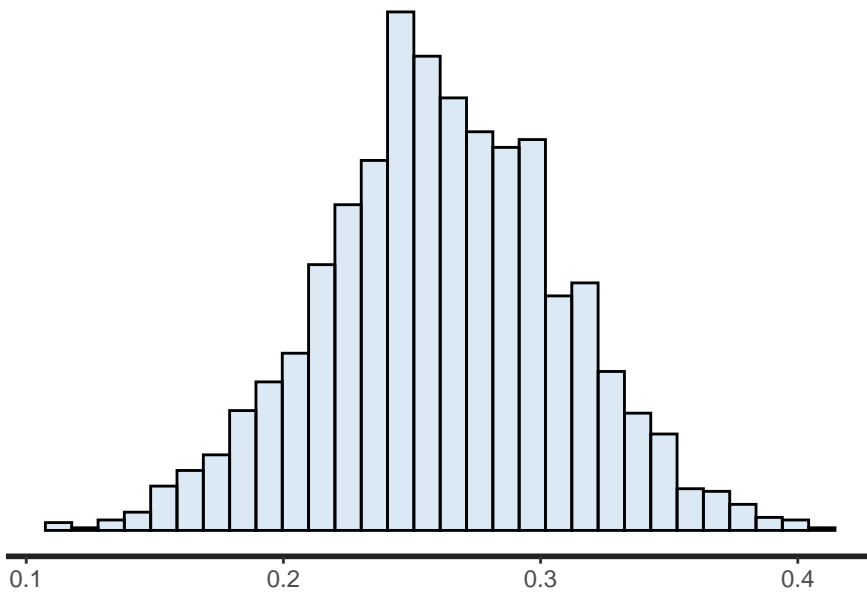
beta\_multiplier[20]



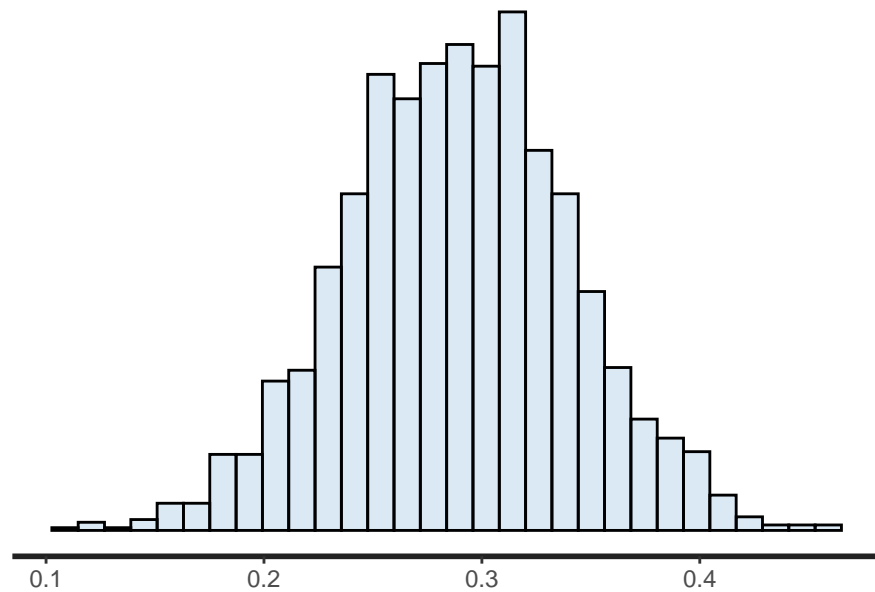




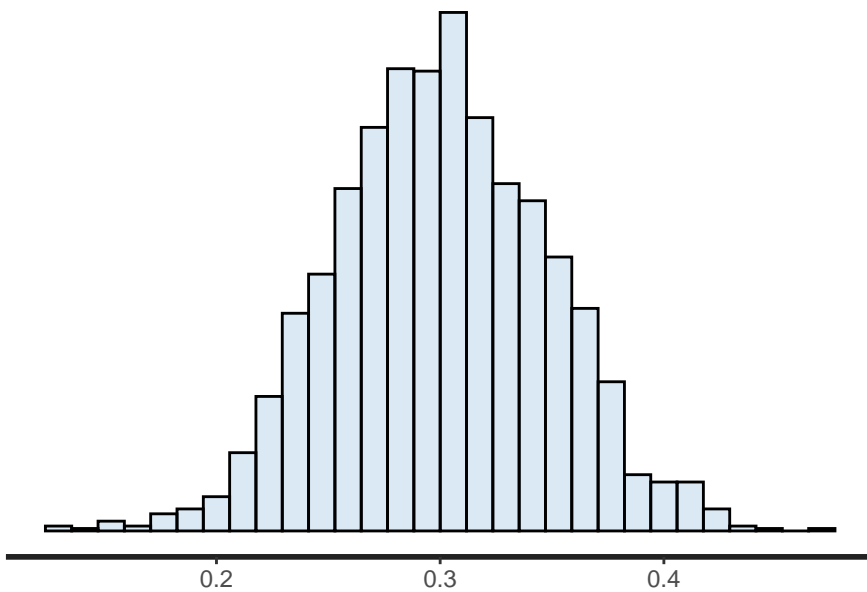
**frac\_PUI[1]**



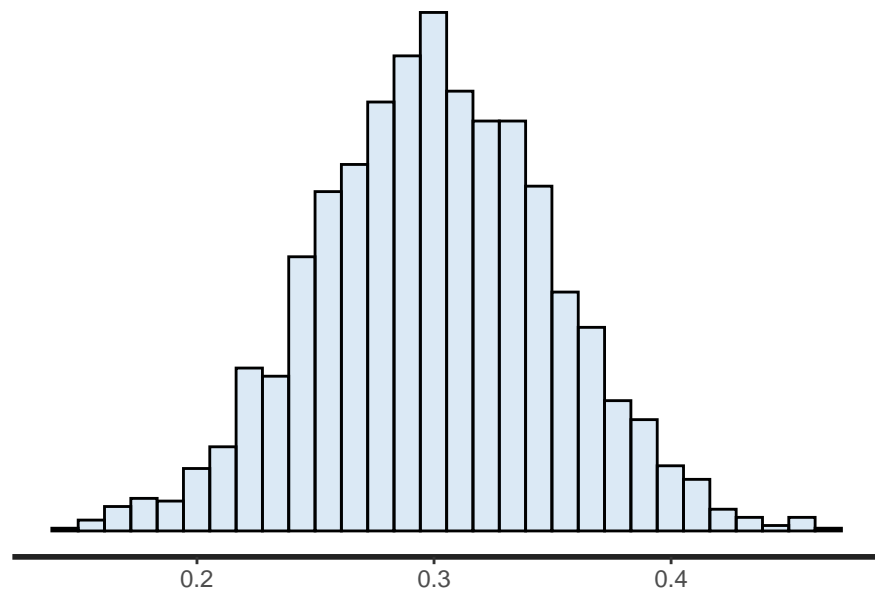
**frac\_PUI[2]**

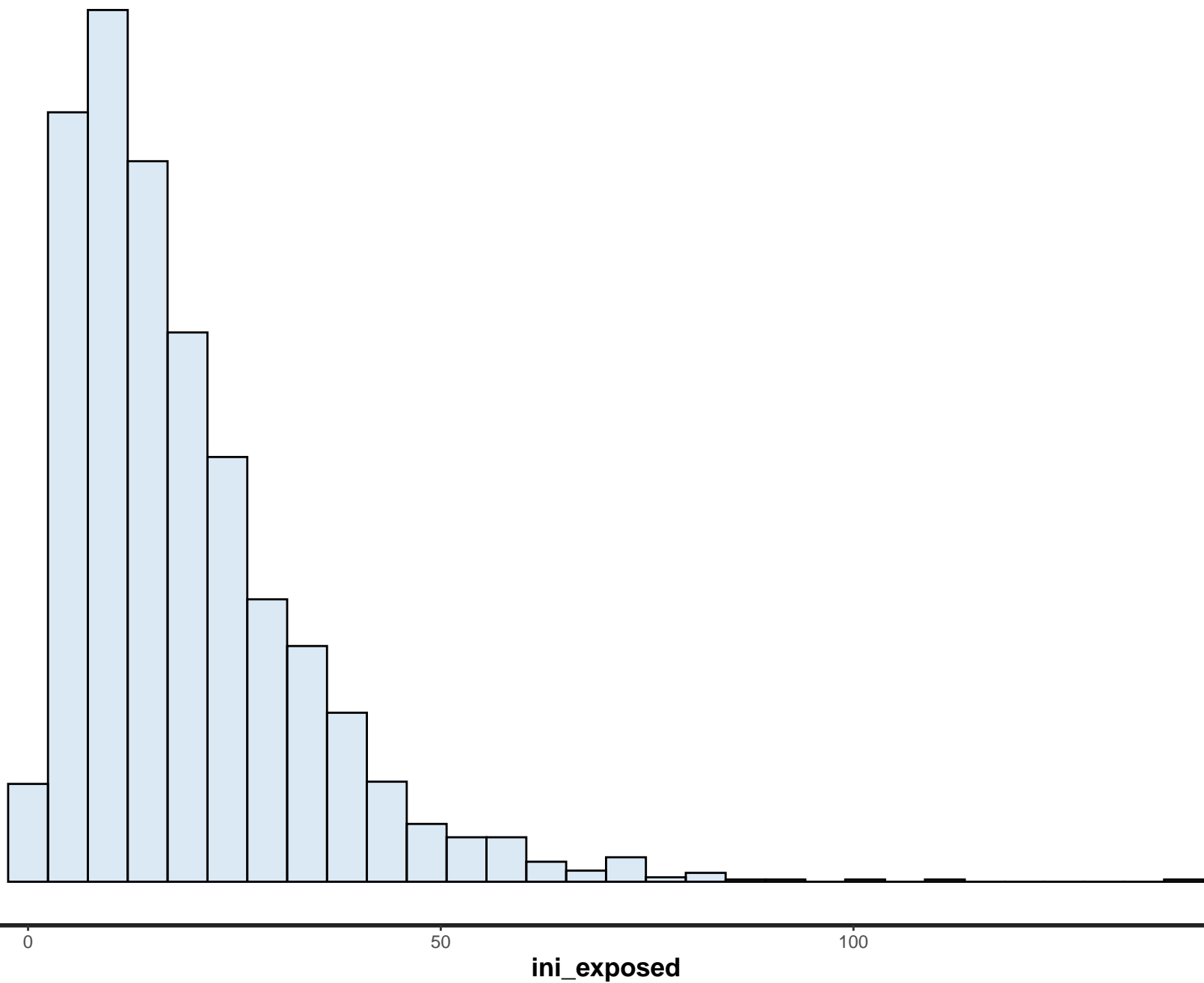


**frac\_PUI[3]**

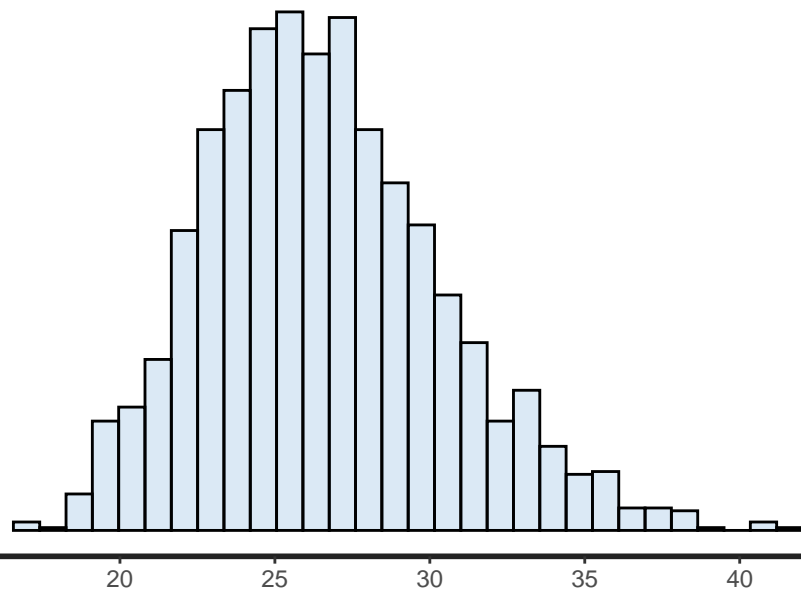


**frac\_PUI[4]**

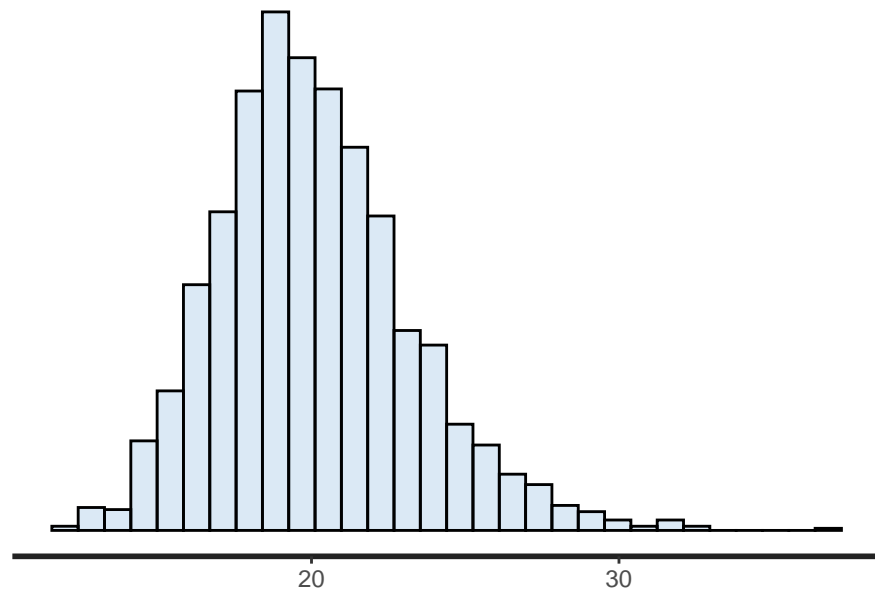




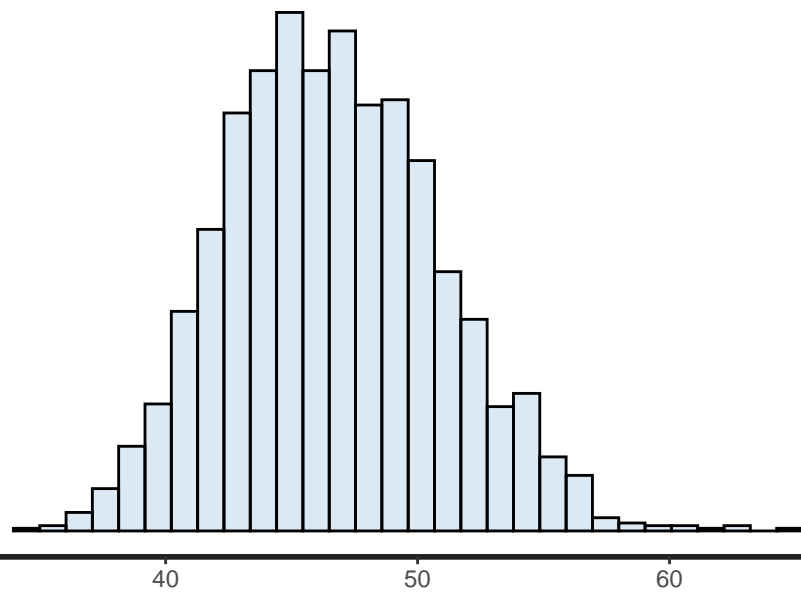
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

