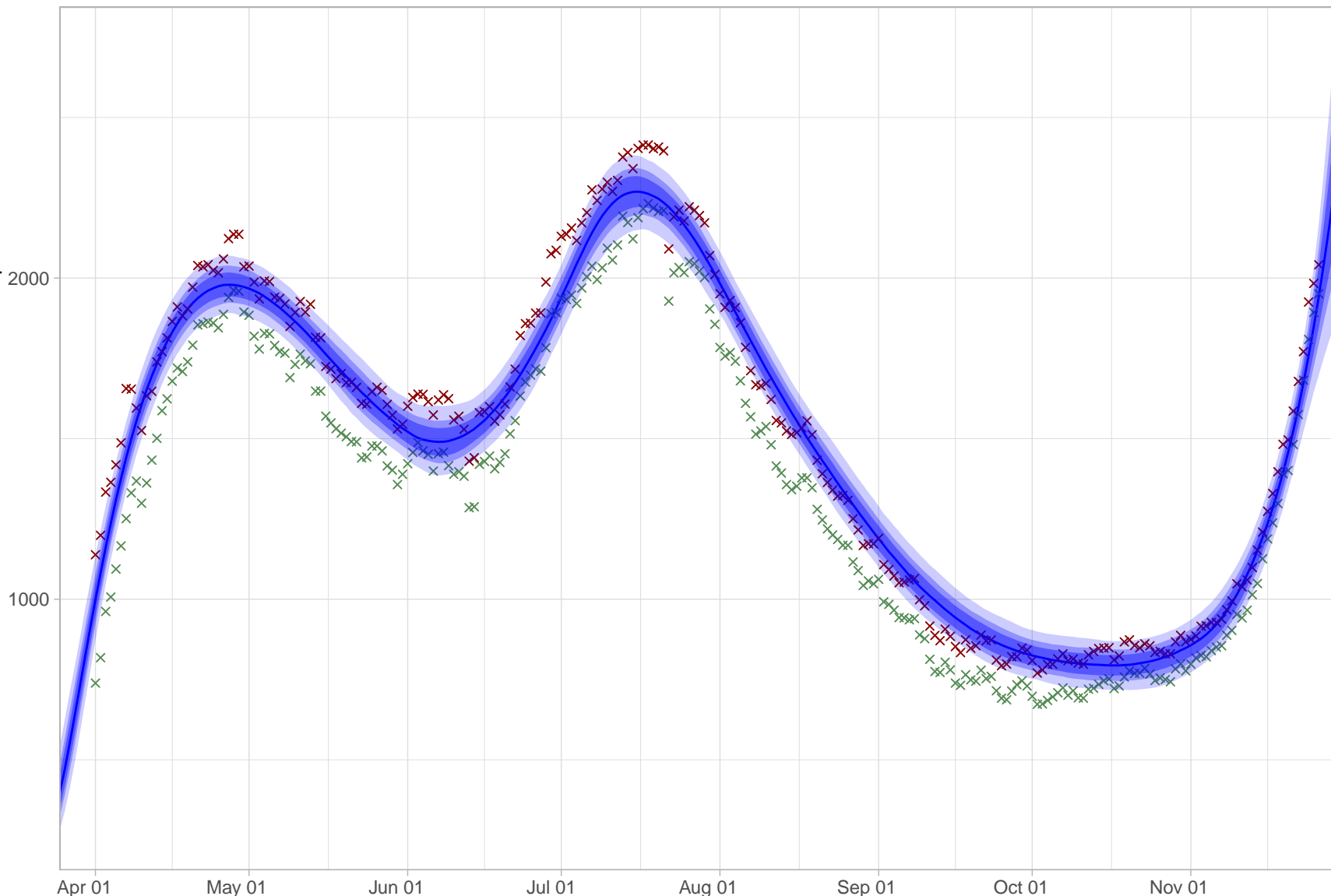


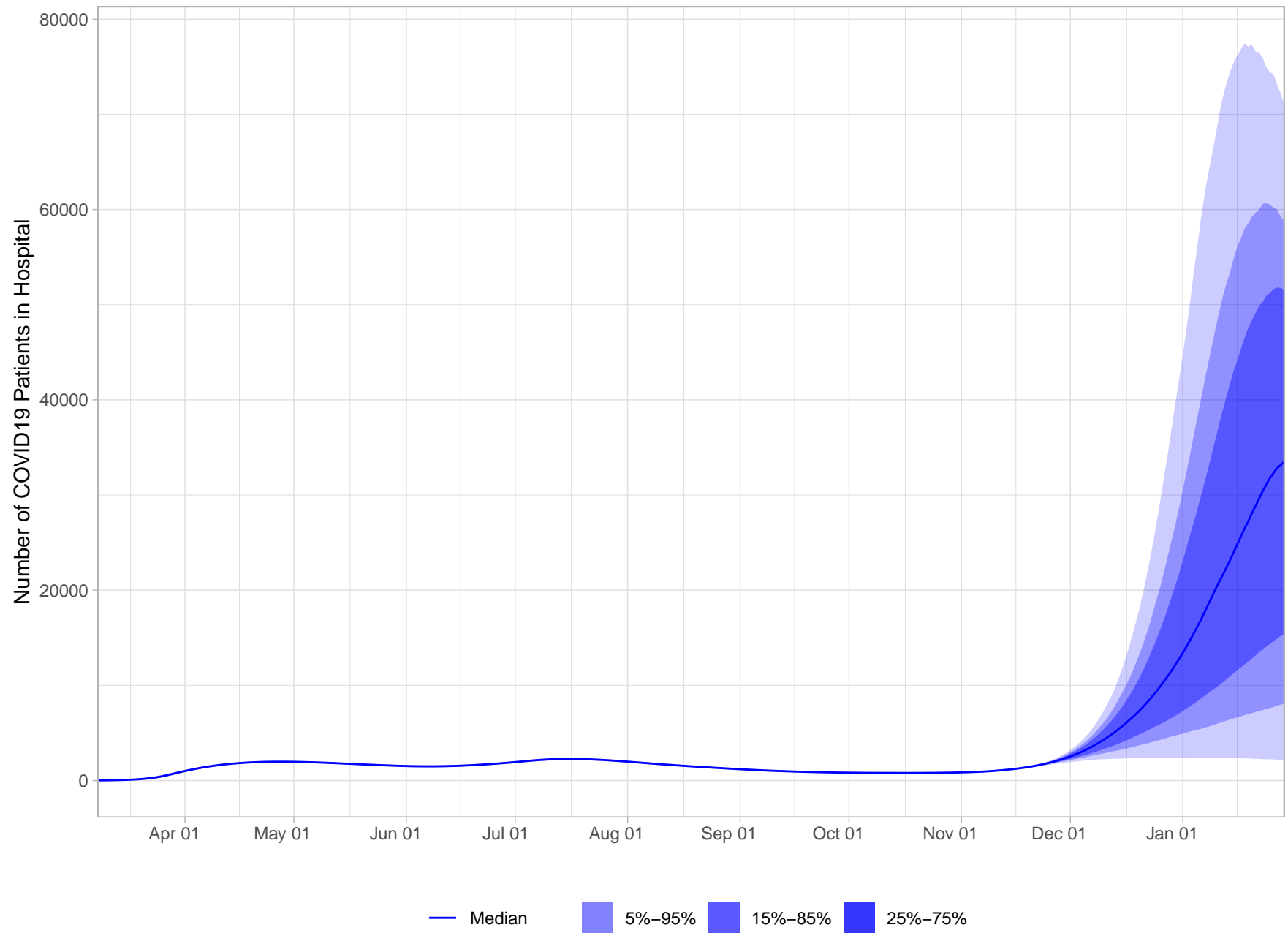
# Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

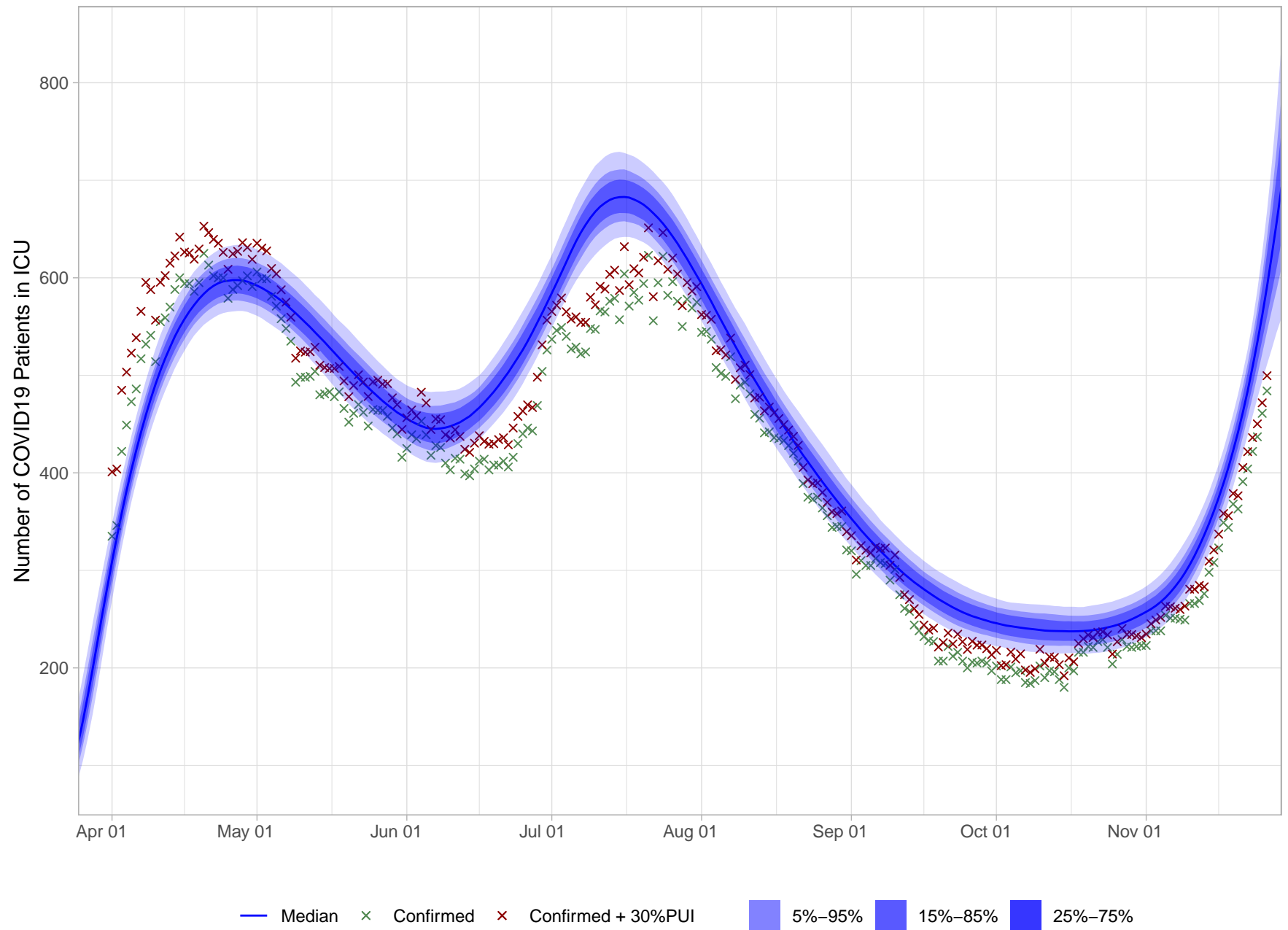


Median    × Confirmed    × Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

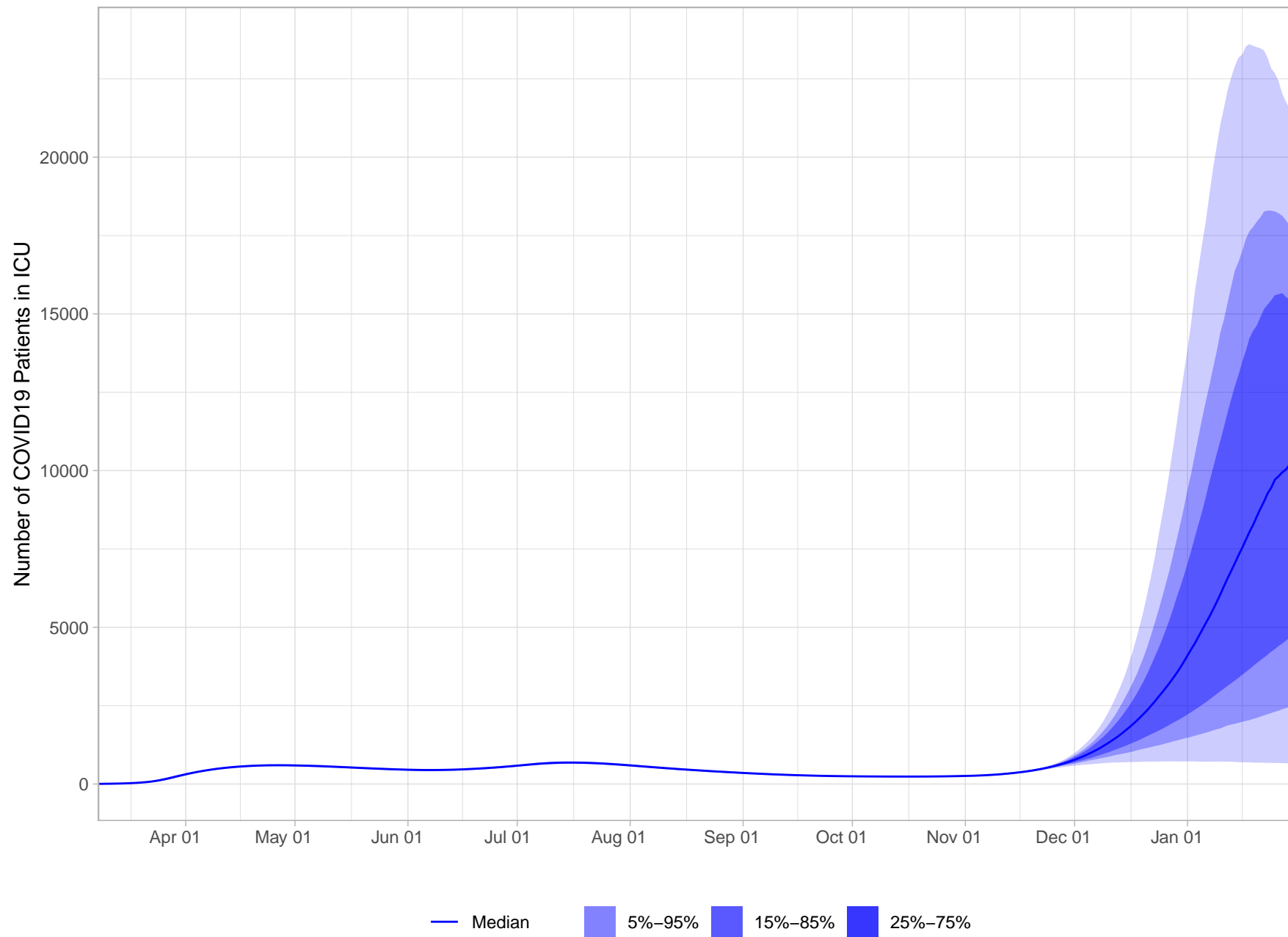
# Long Term Hospitalization Projection



# Short Term ICU Projection

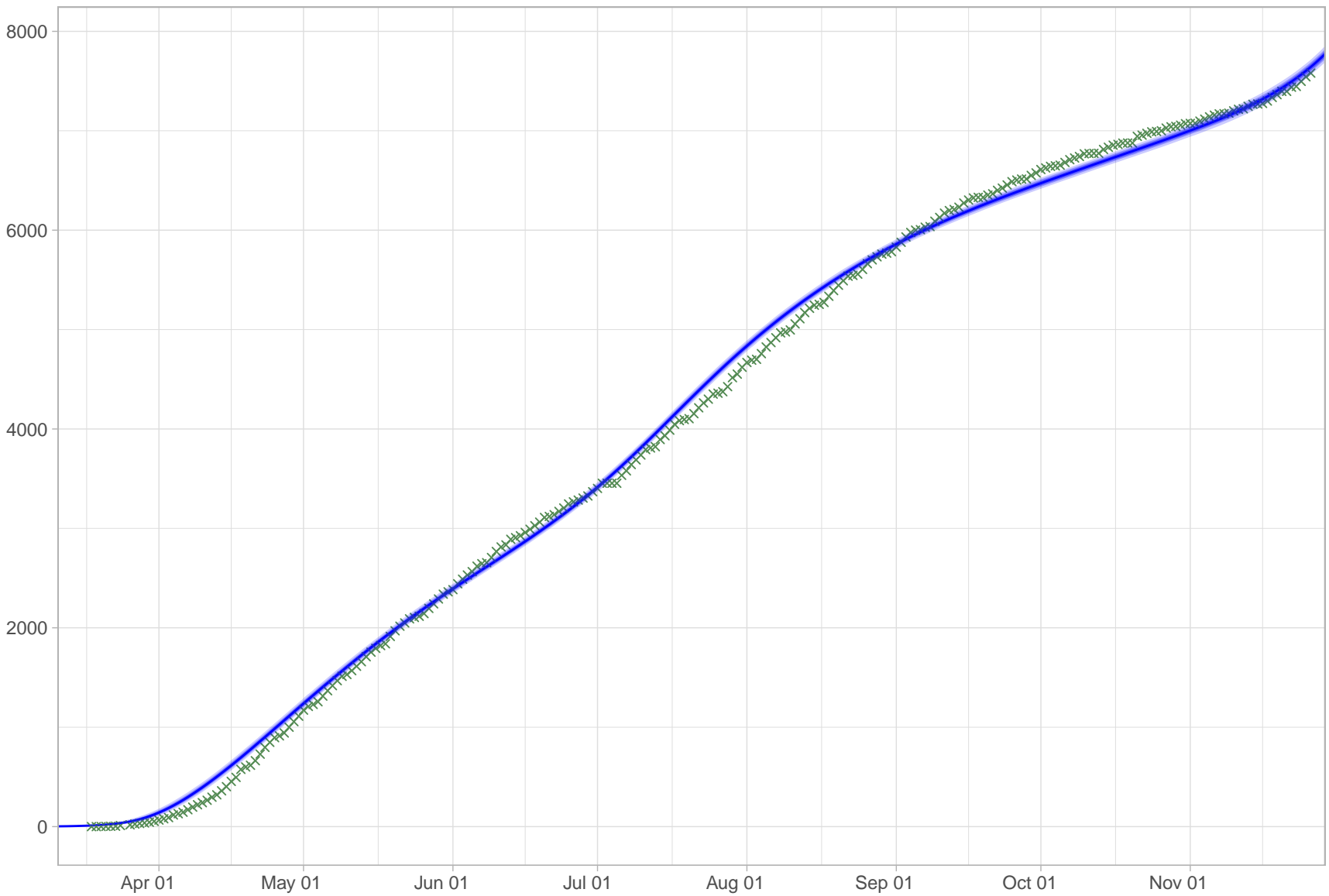


# Long Term ICU Projection



# Short Term Death Projection

Number of COVID19 Deaths



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

# Long Term Death Projection

Number of COVID19 Deaths

60000  
40000  
20000  
0

Apr 01

May 01

Jun 01

Jul 01

Aug 01

Sep 01

Oct 01

Nov 01

Dec 01

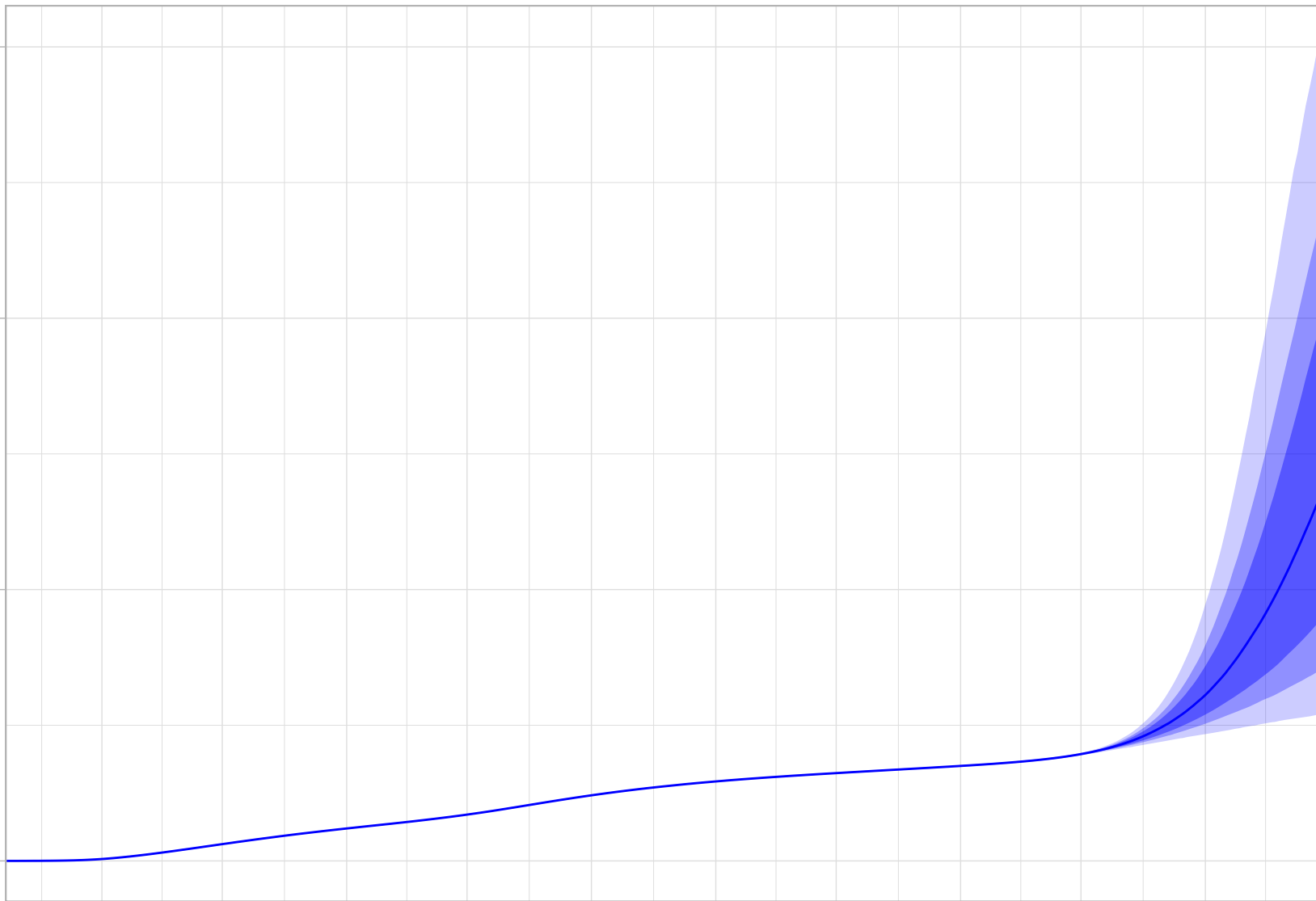
Jan 01

— Median

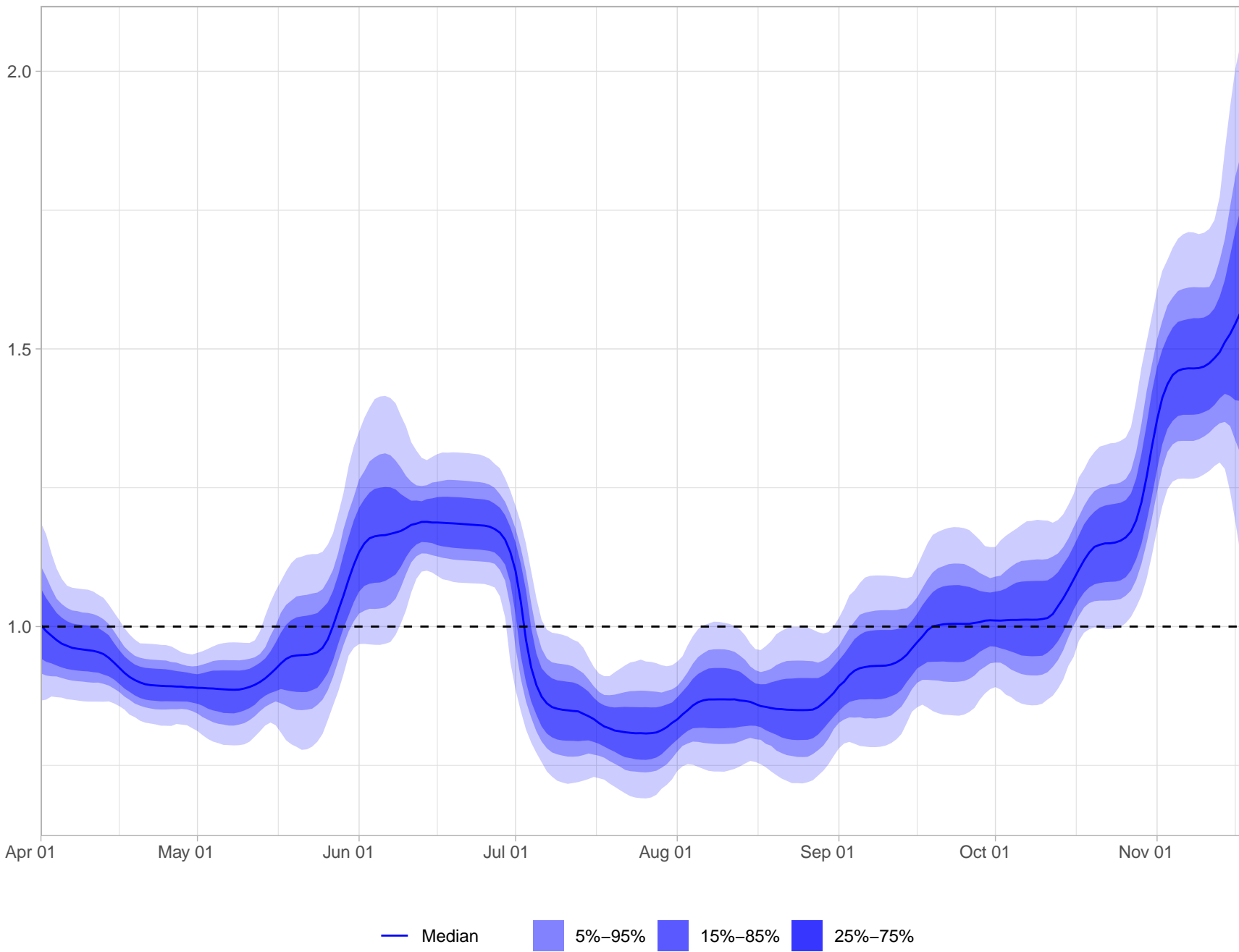
5%–95%

15%–85%

25%–75%

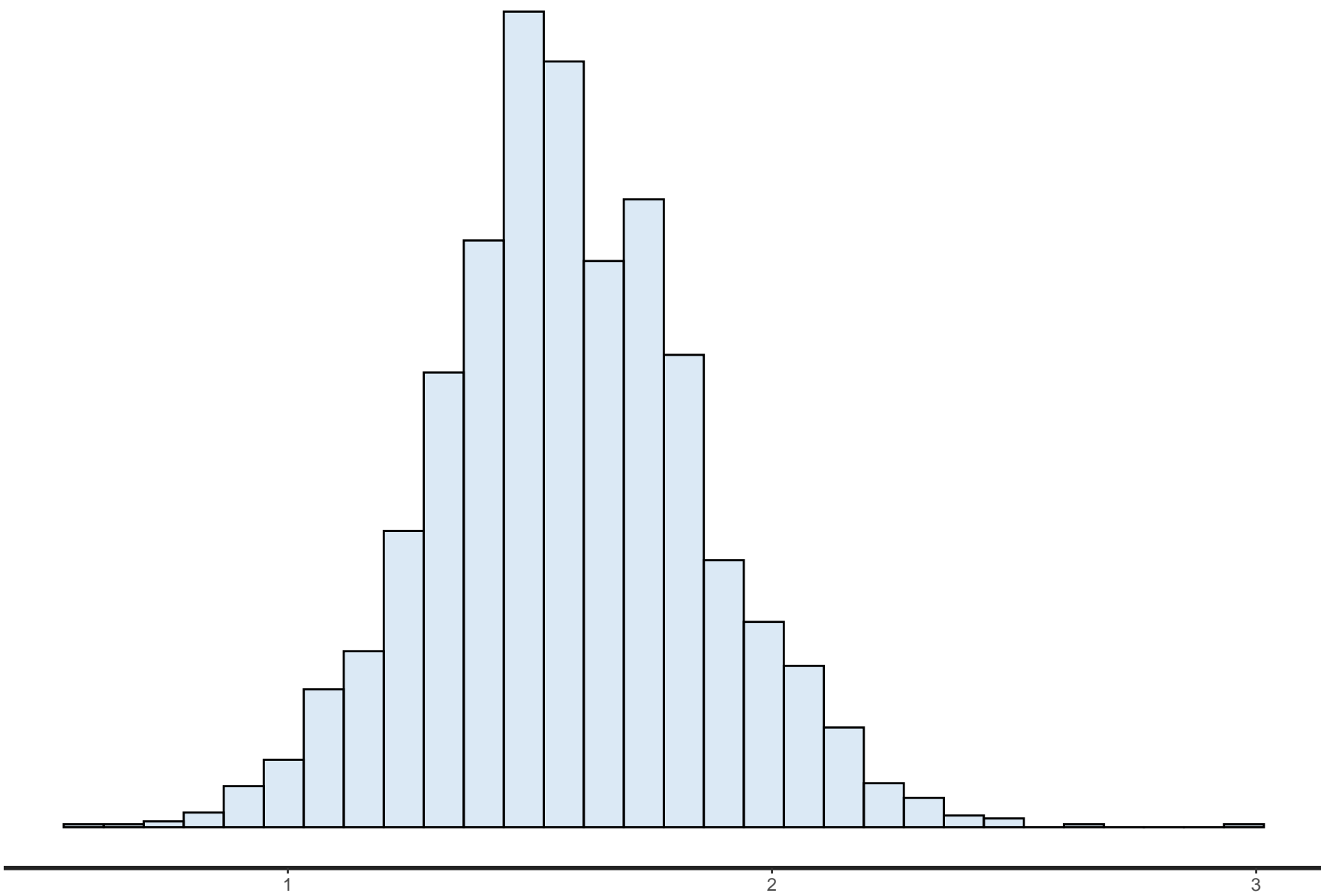


Effective Reproduction Number

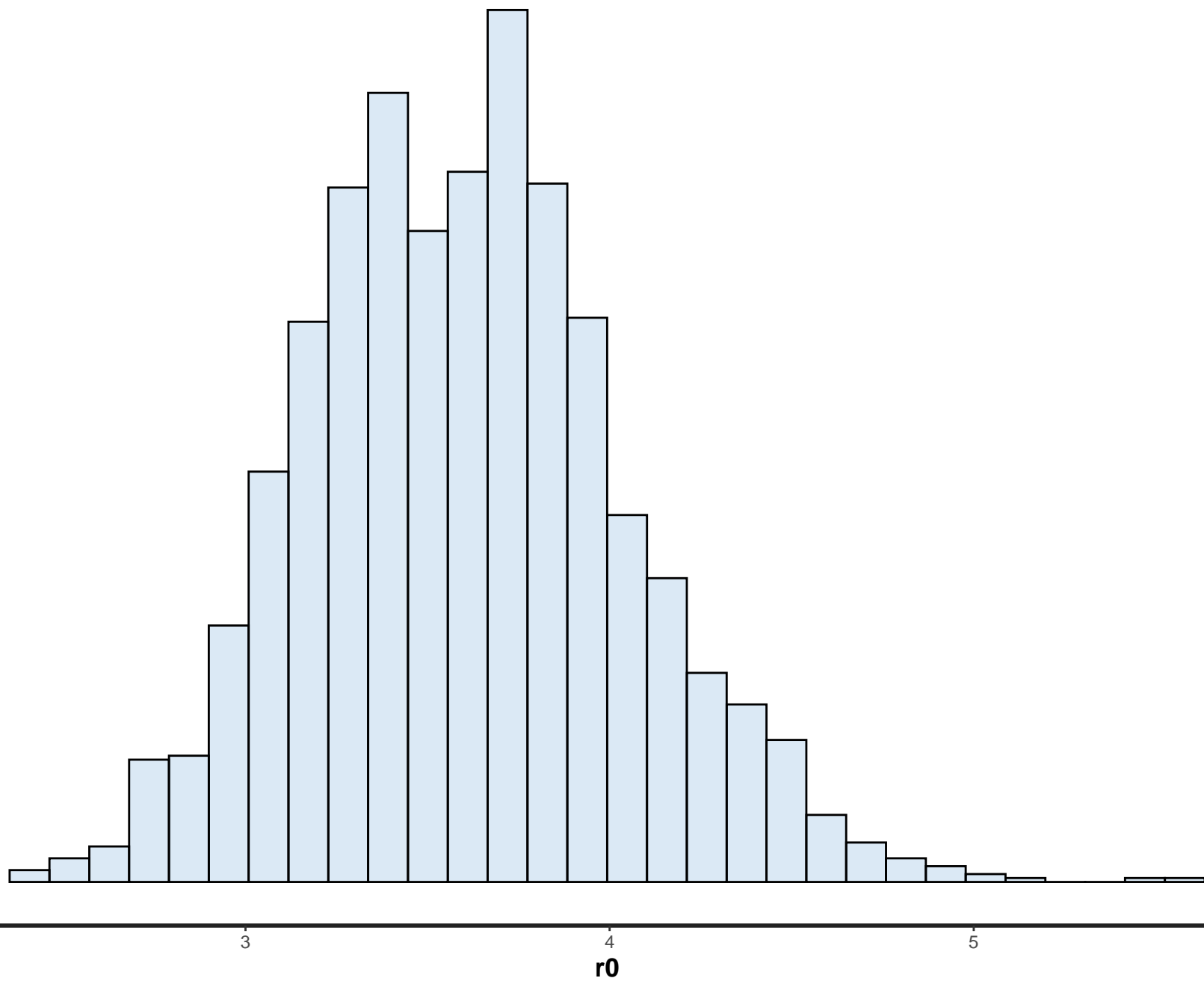


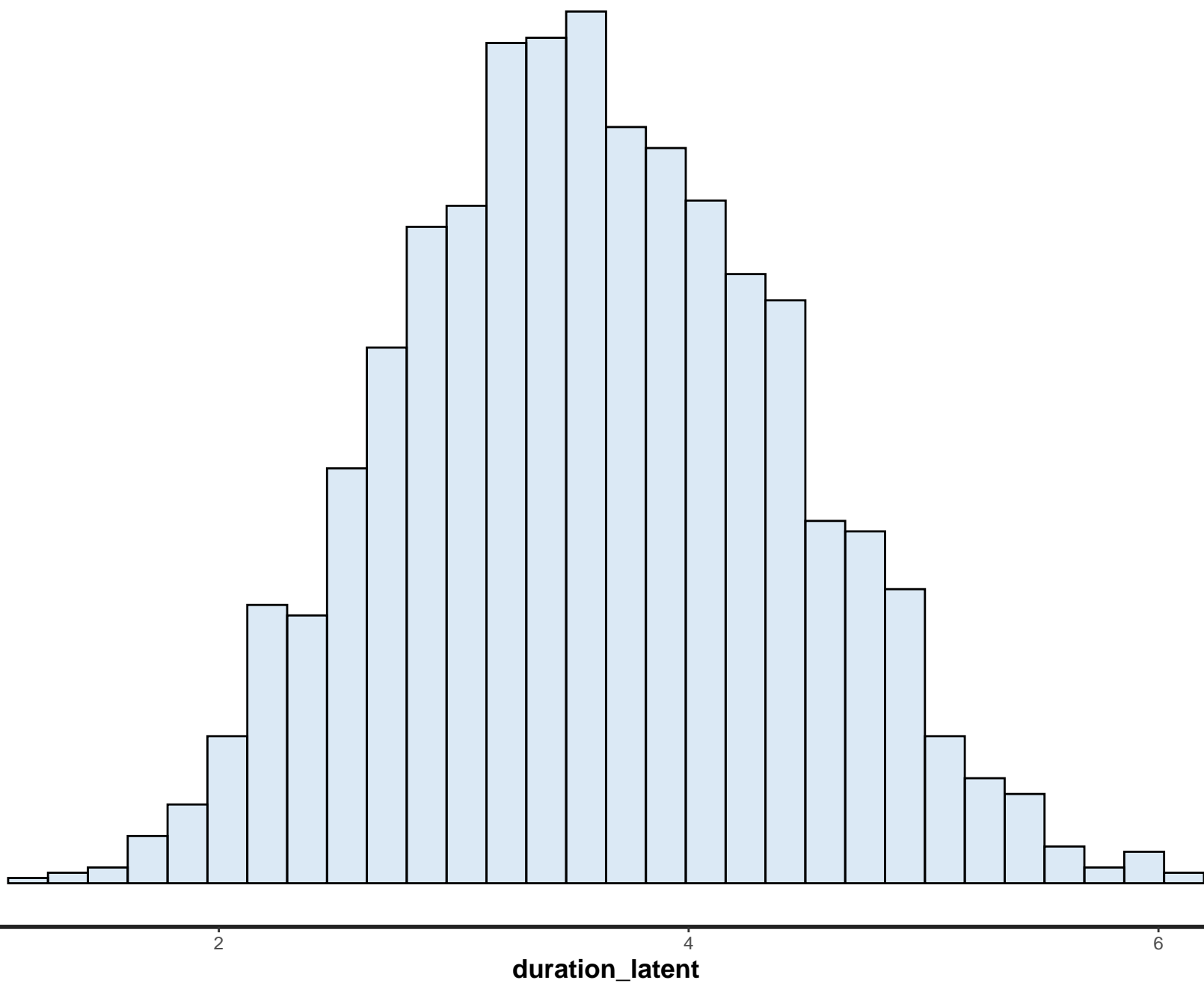
# Rt as of 2020-11-17

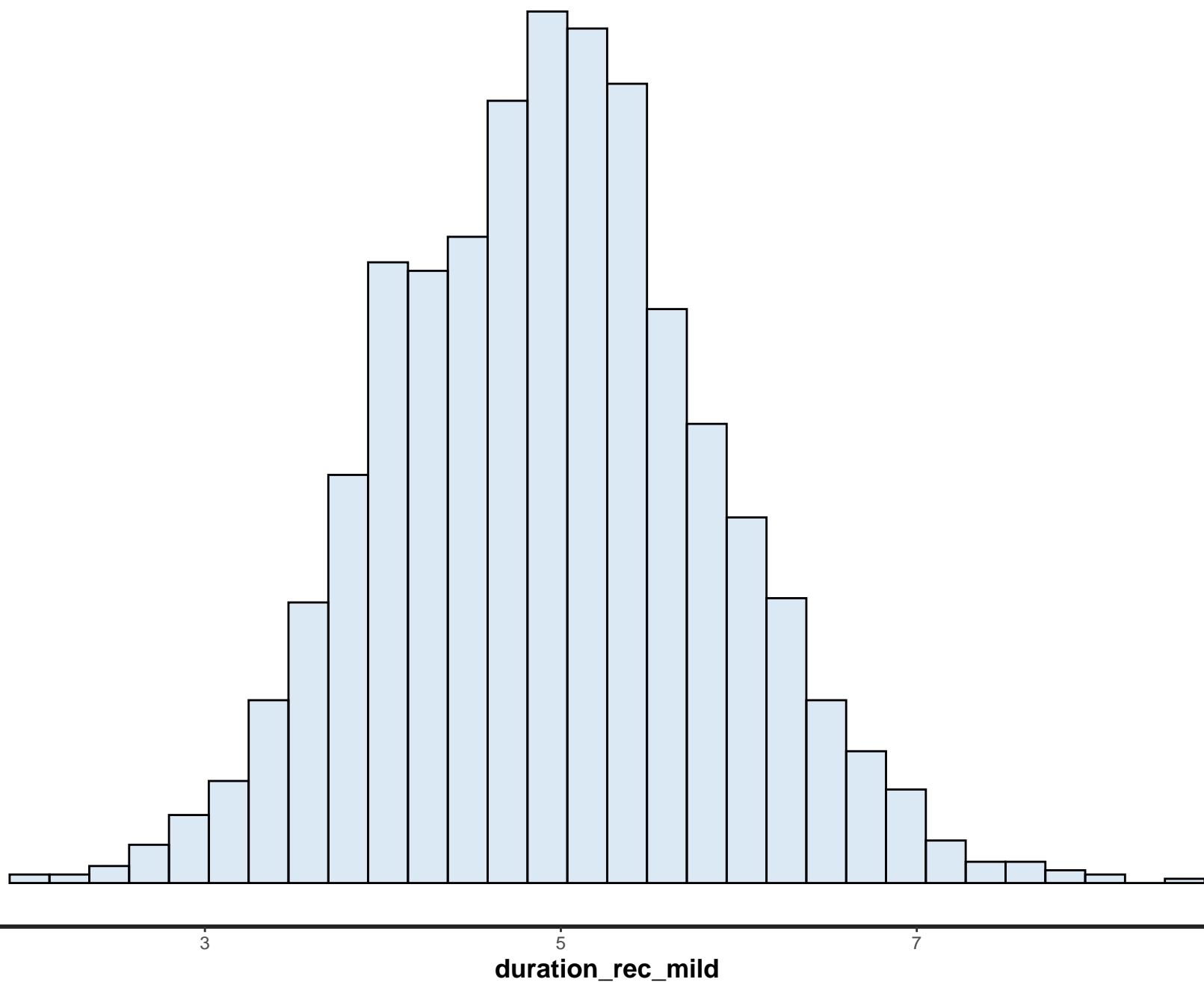
5%	10%	25%	50%	75%	90%	95%
1.13	1.24	1.41	1.57	1.75	1.93	2.05

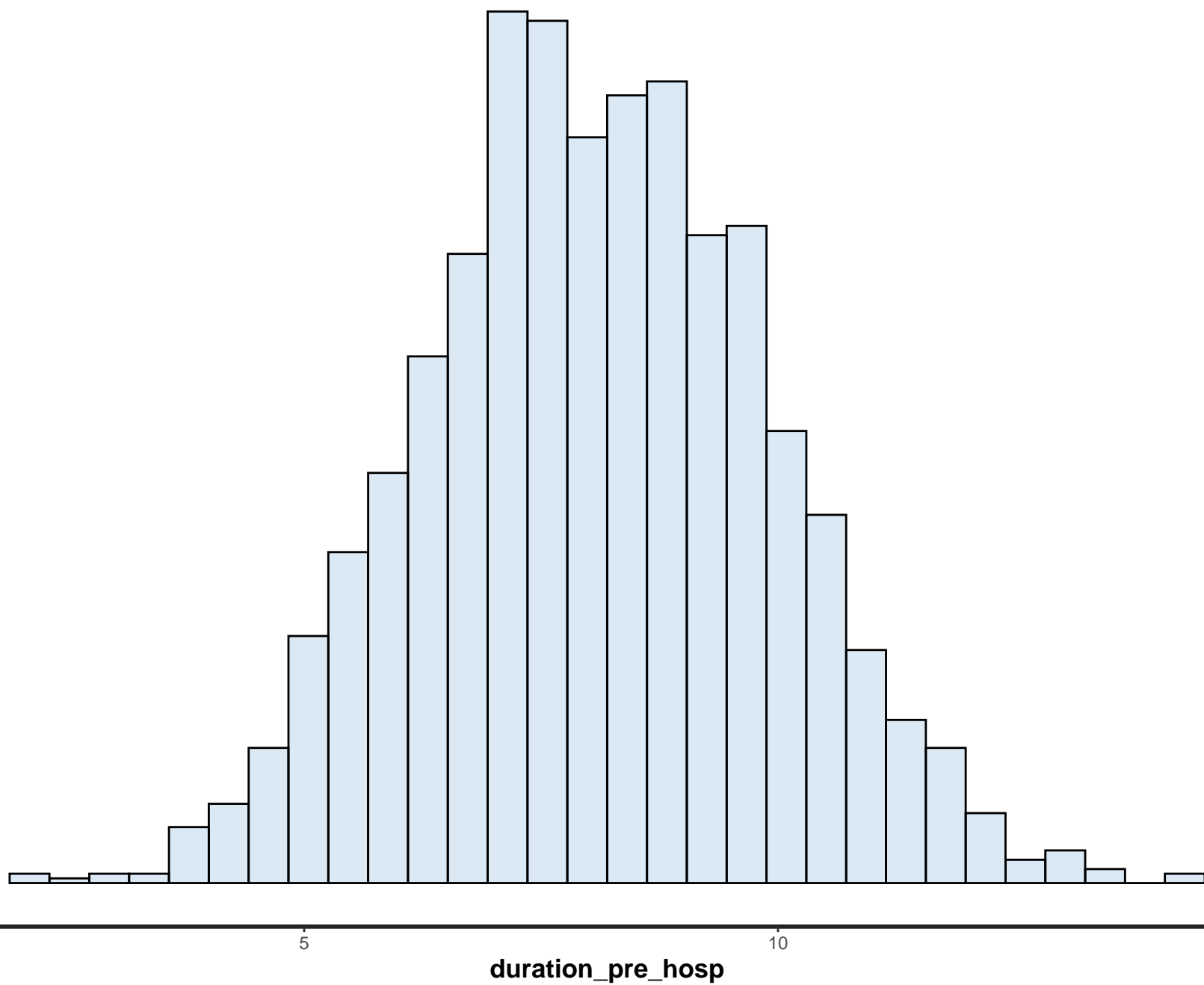


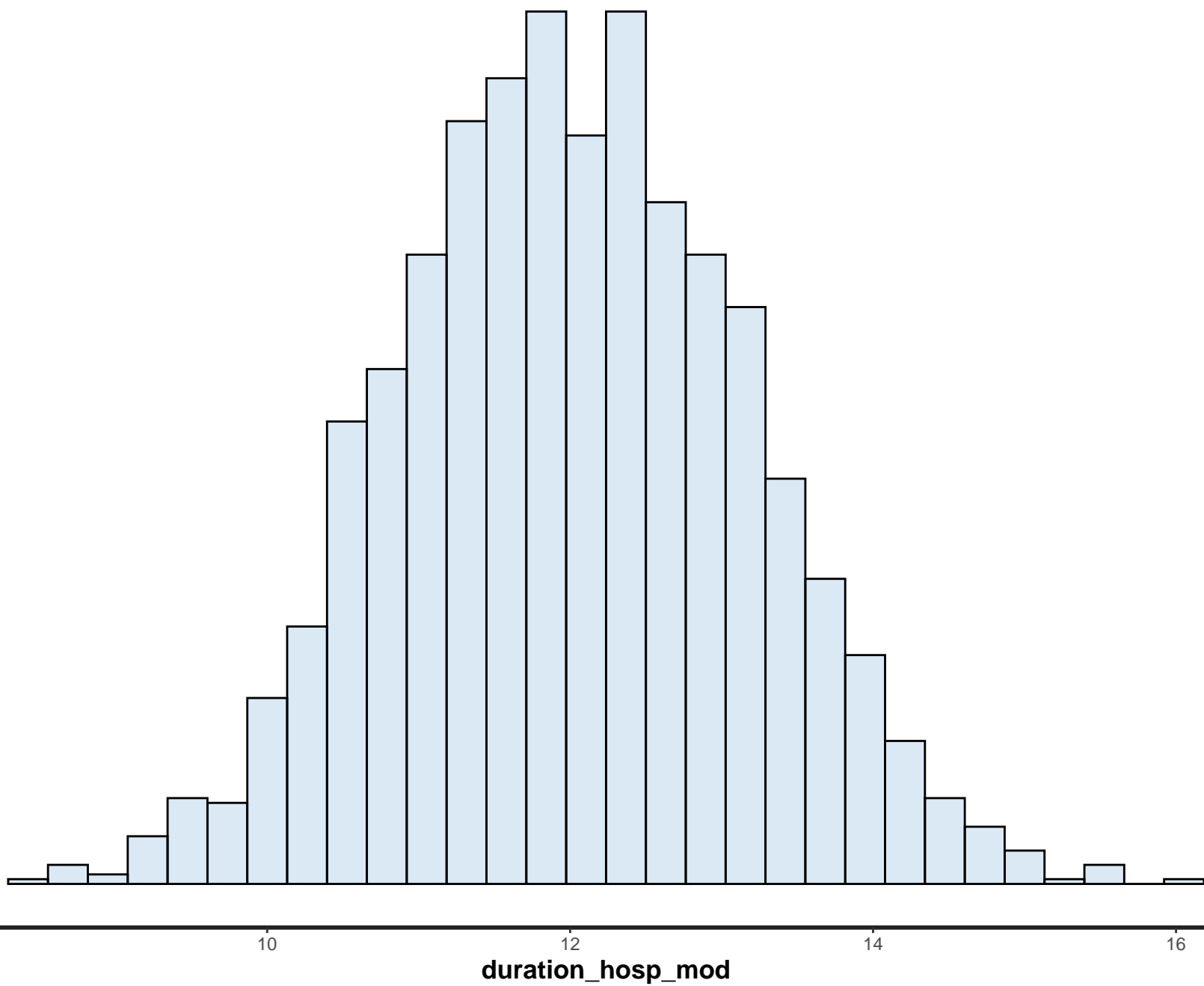


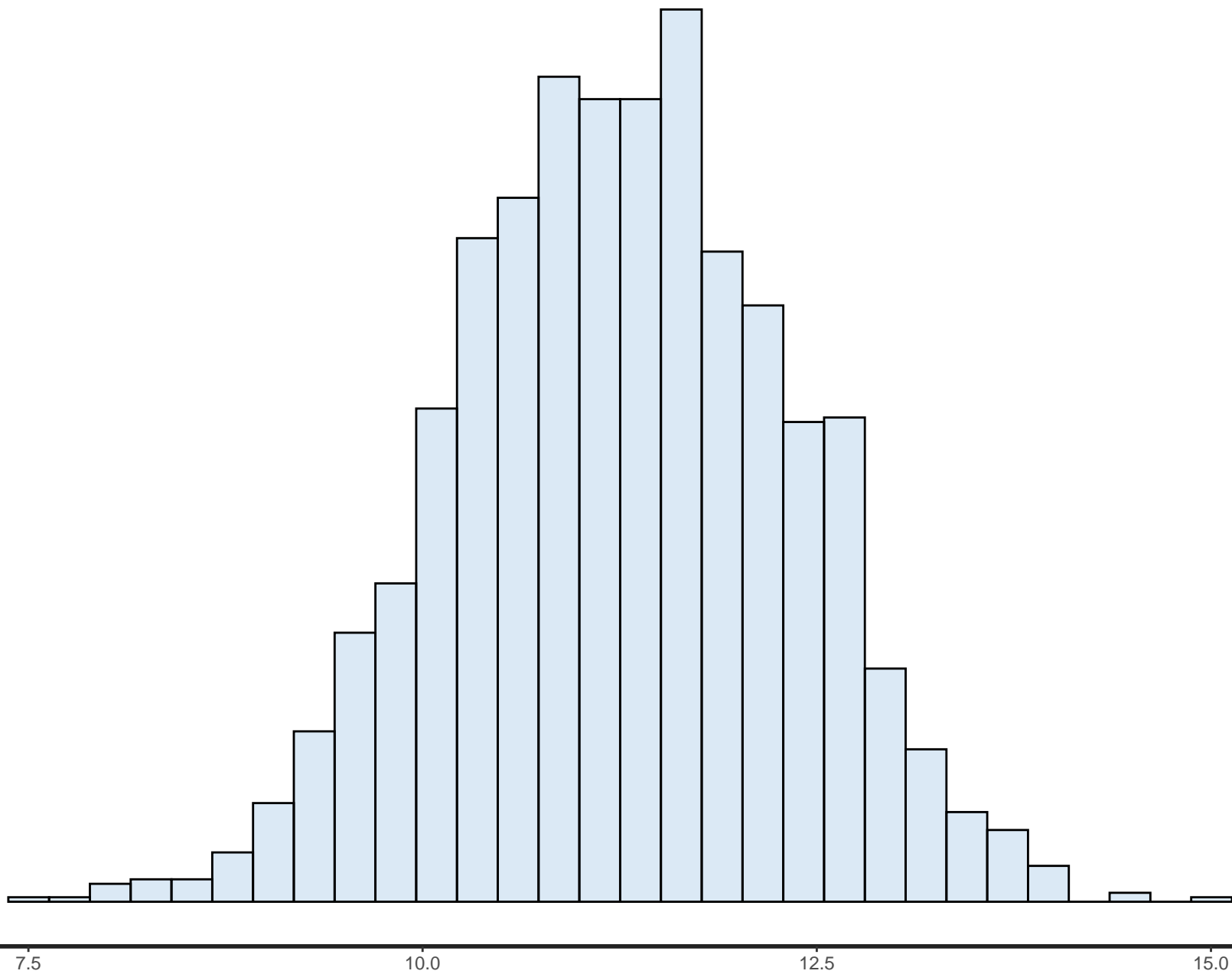


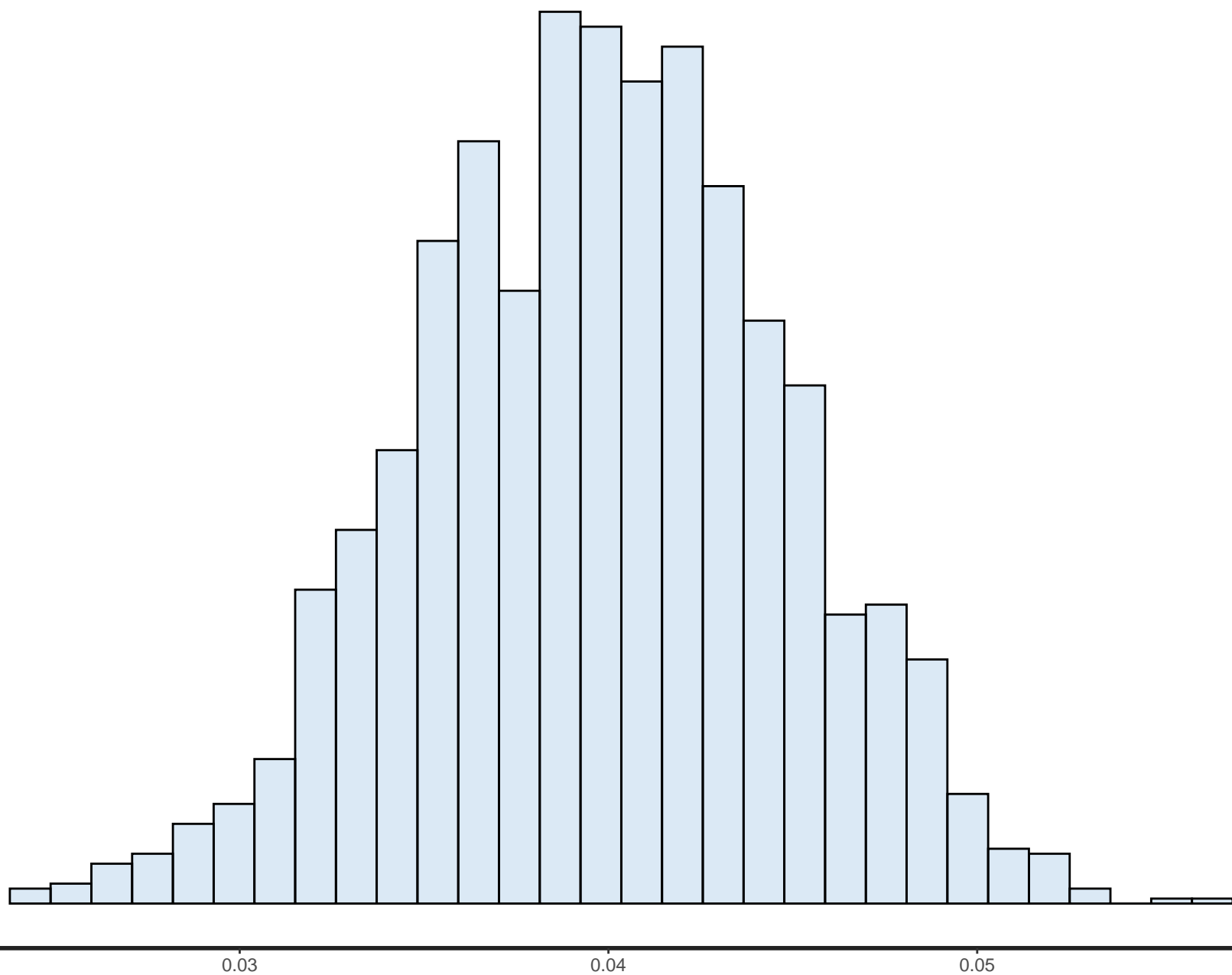


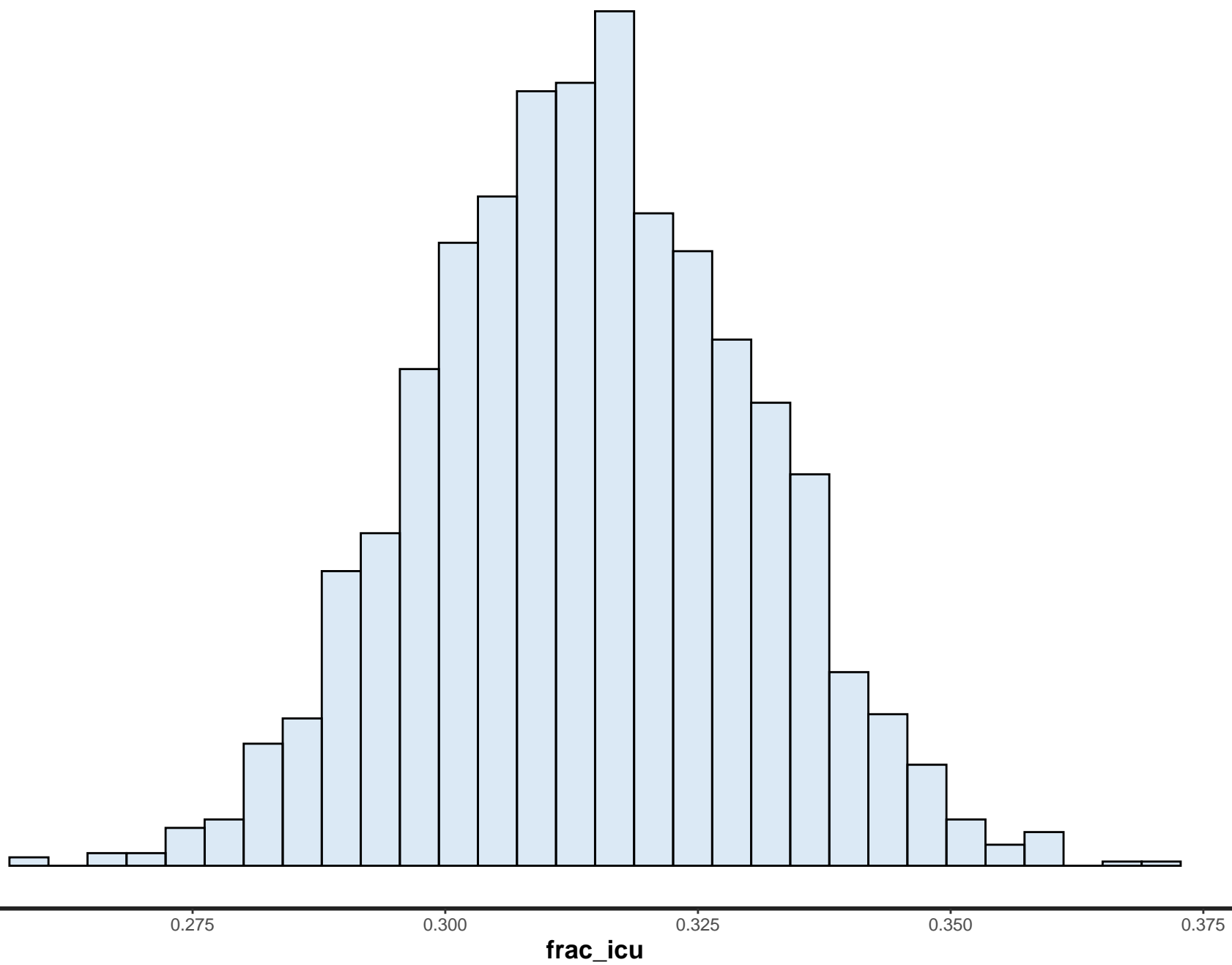




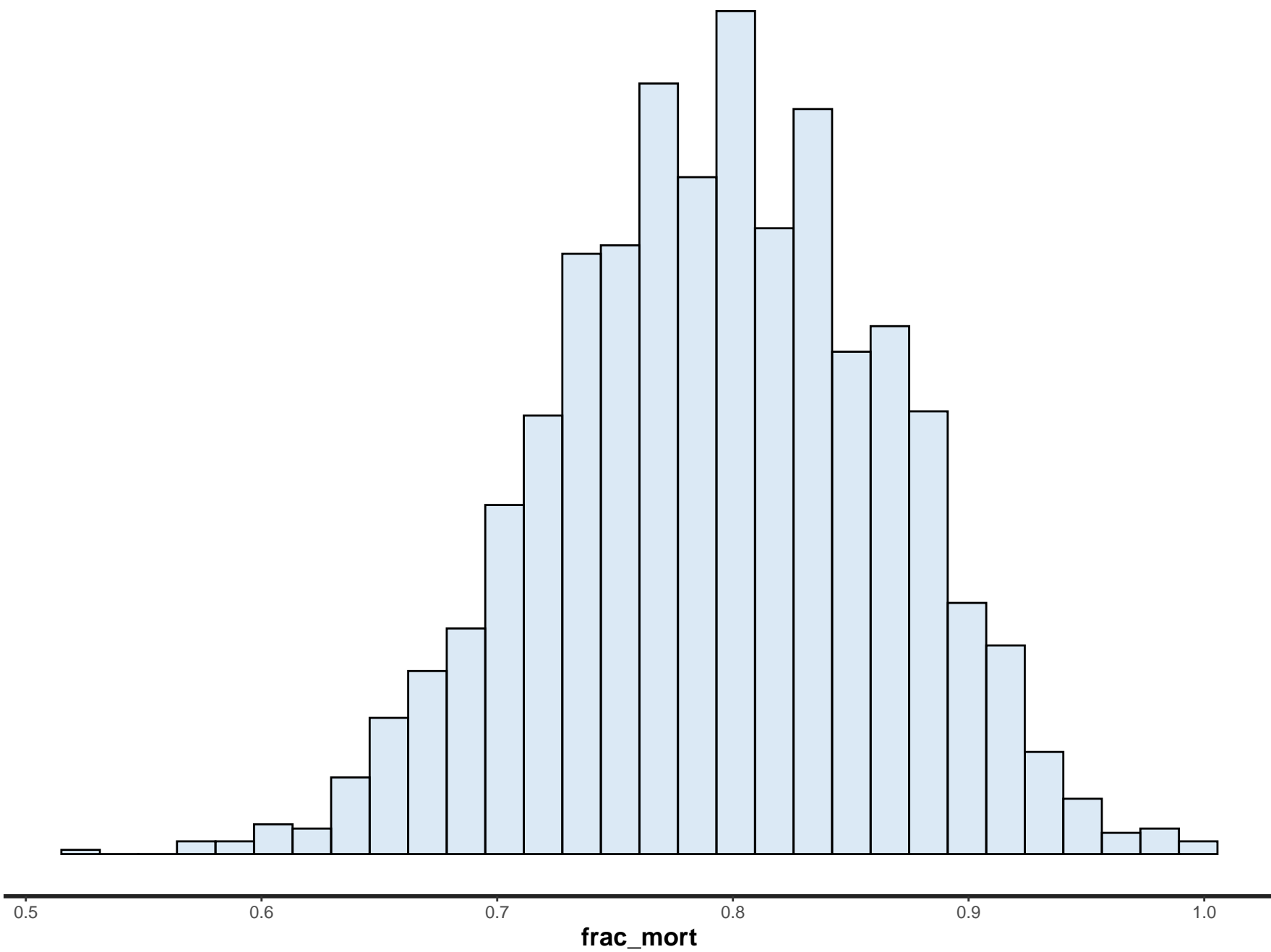


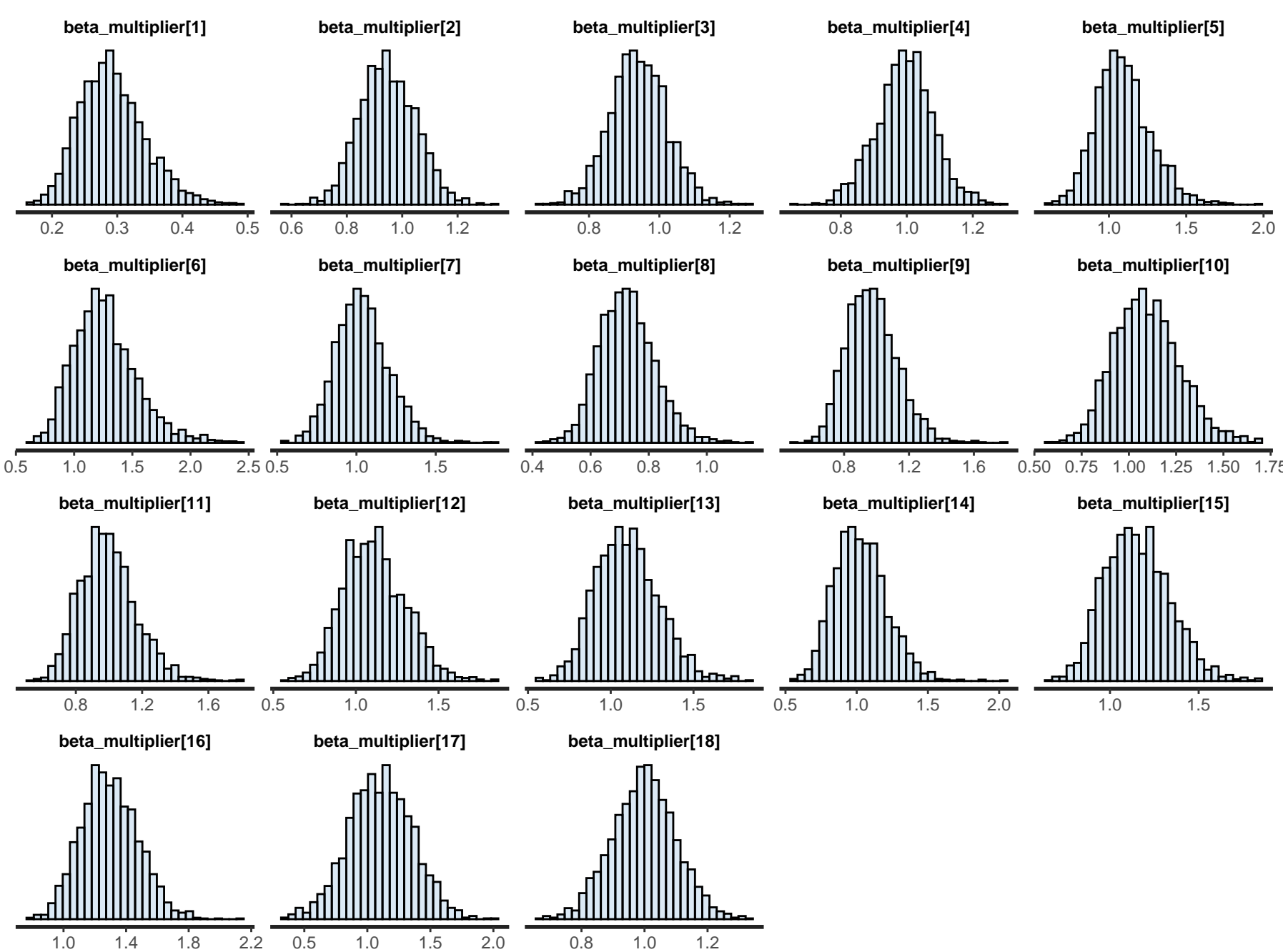


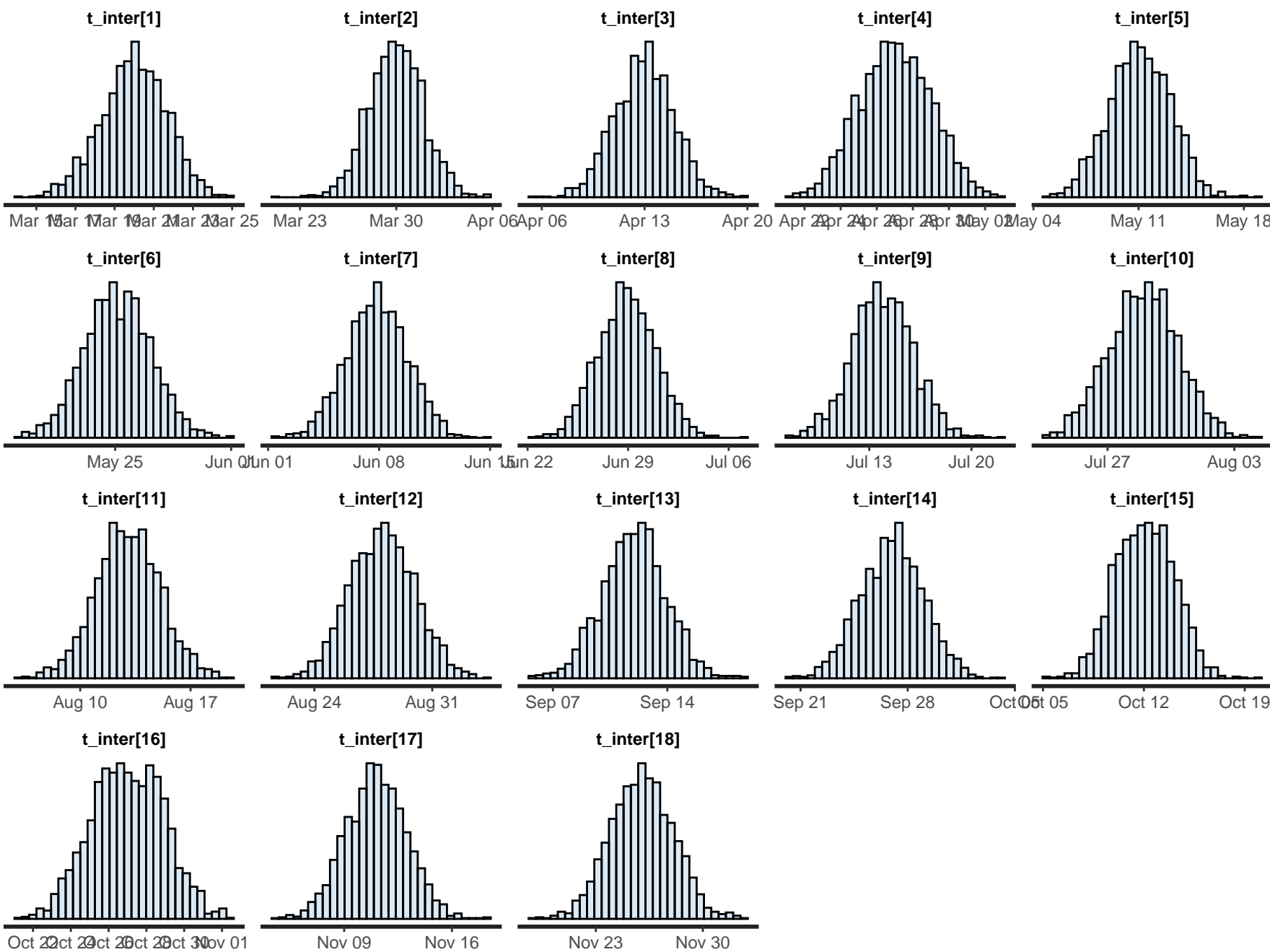






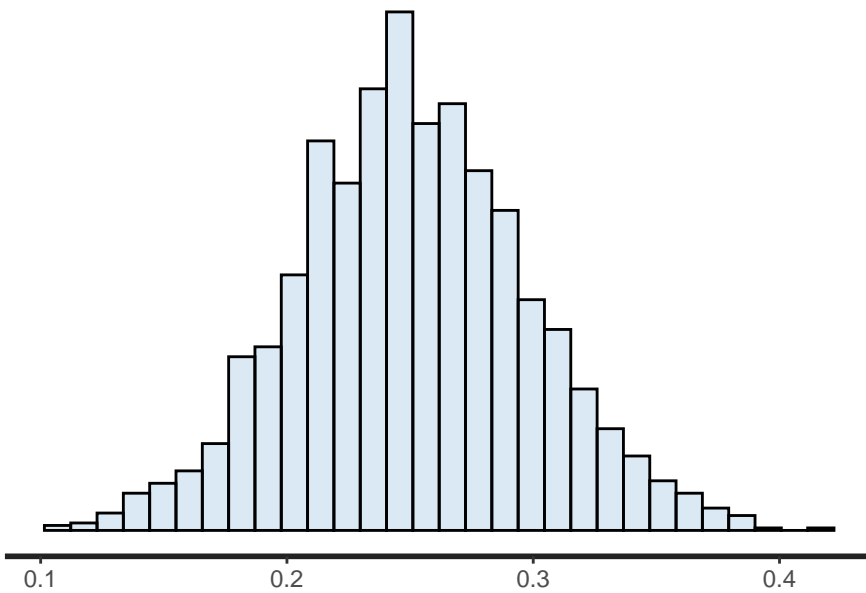




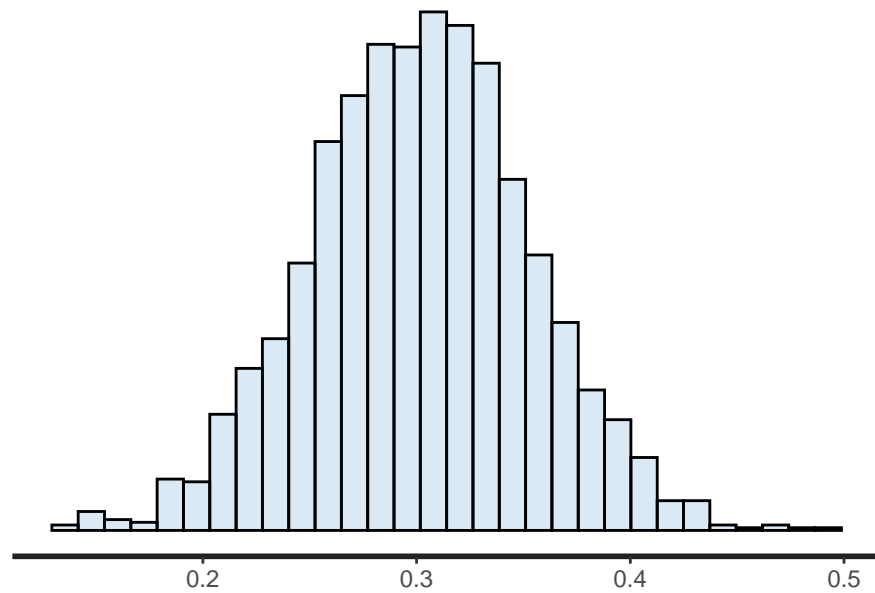




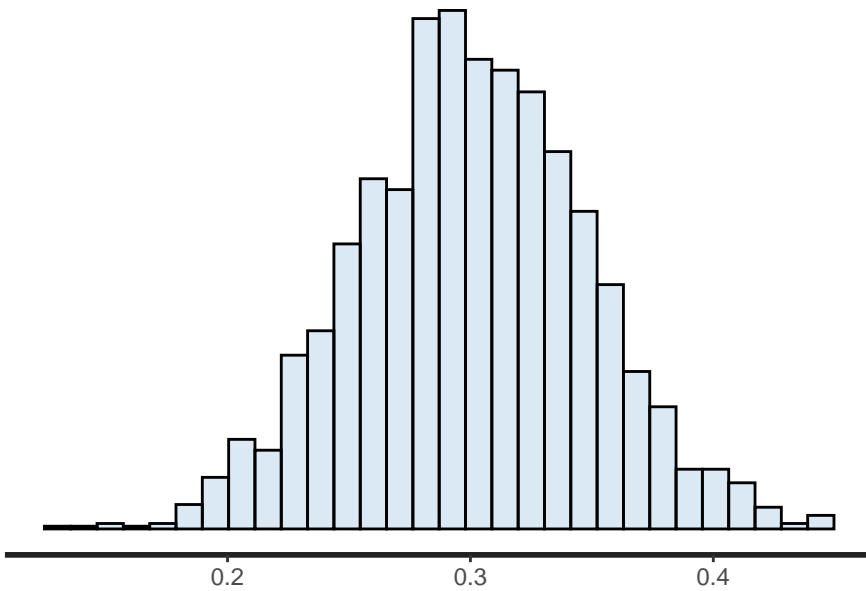
**frac\_PUI[1]**



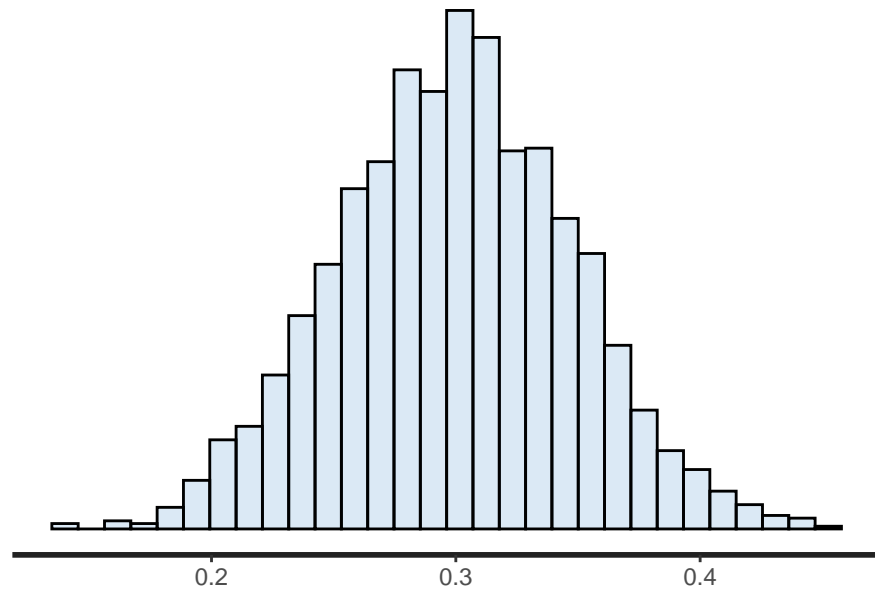
**frac\_PUI[2]**

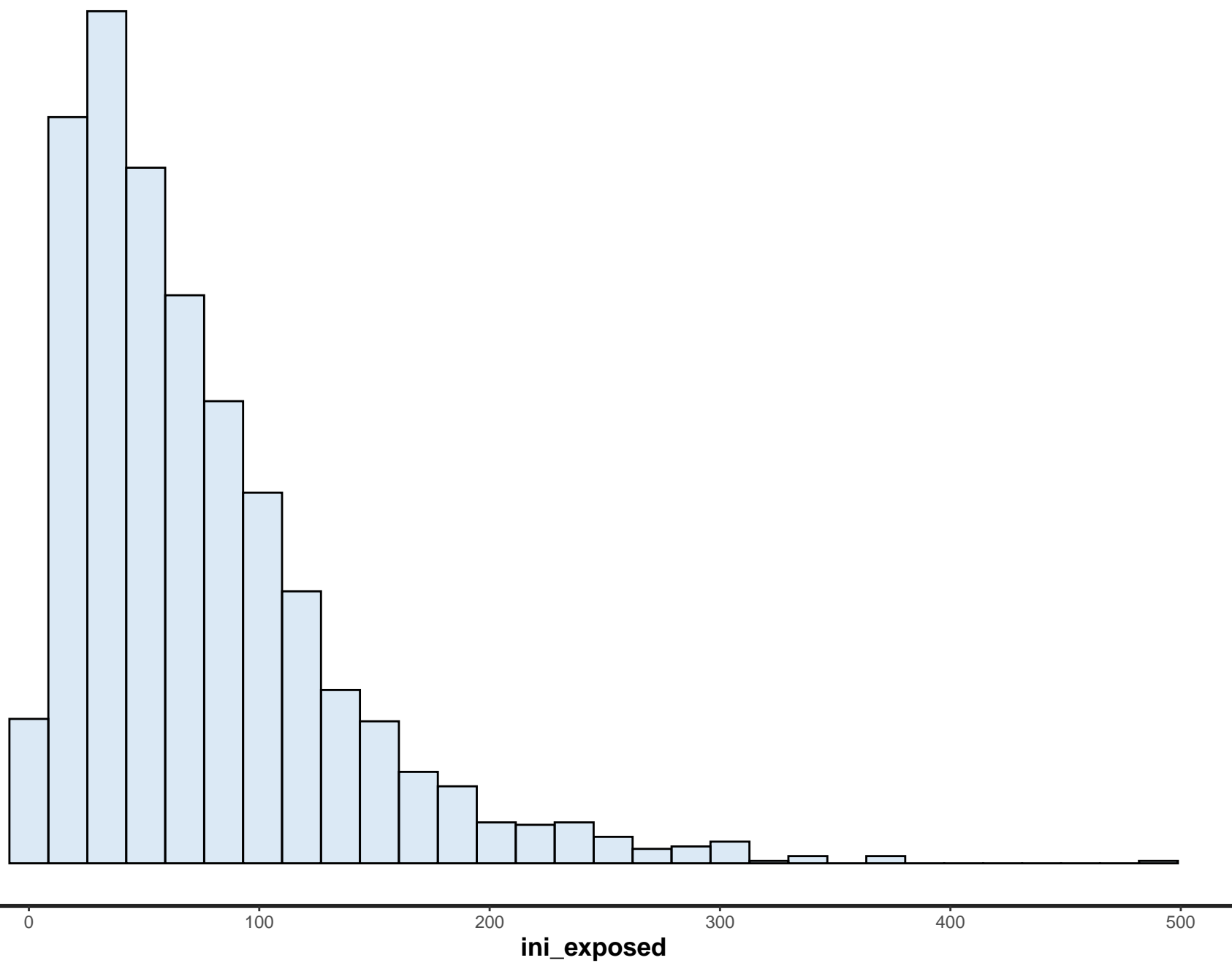


**frac\_PUI[3]**

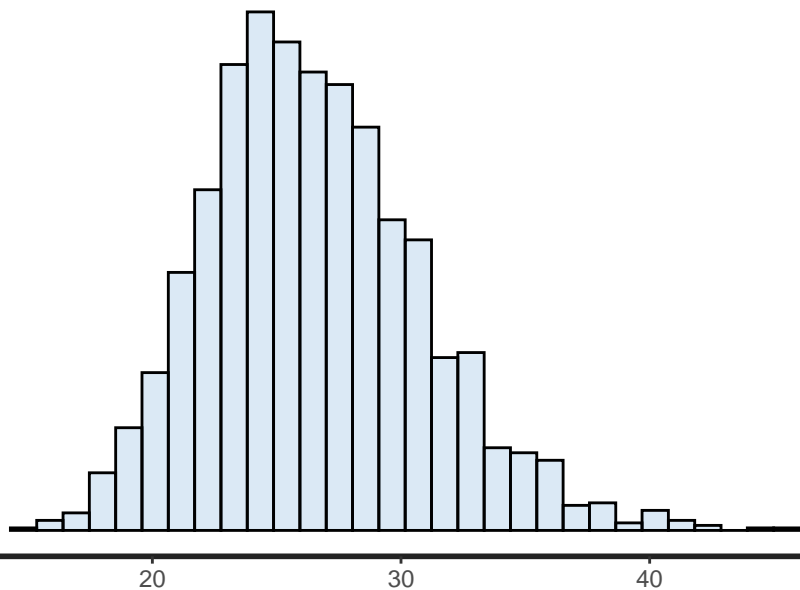


**frac\_PUI[4]**

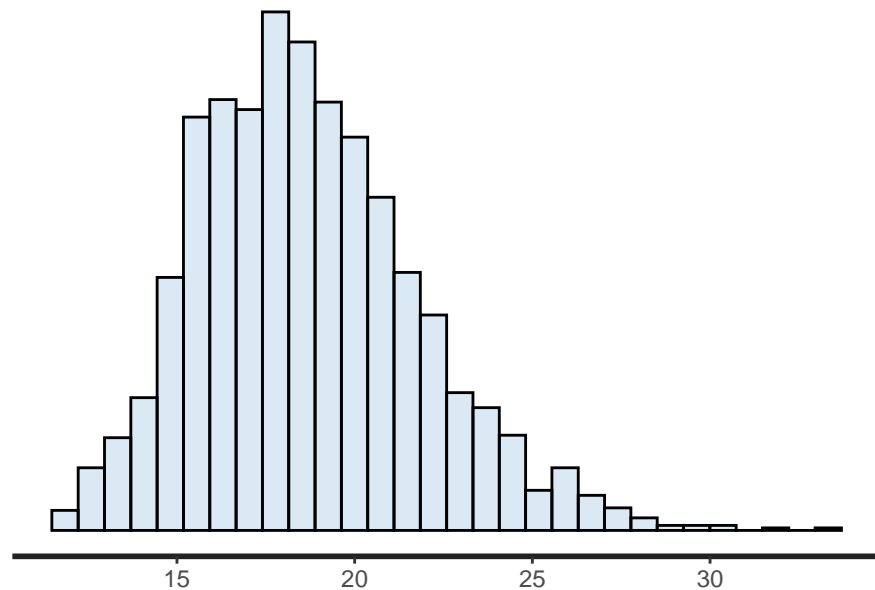




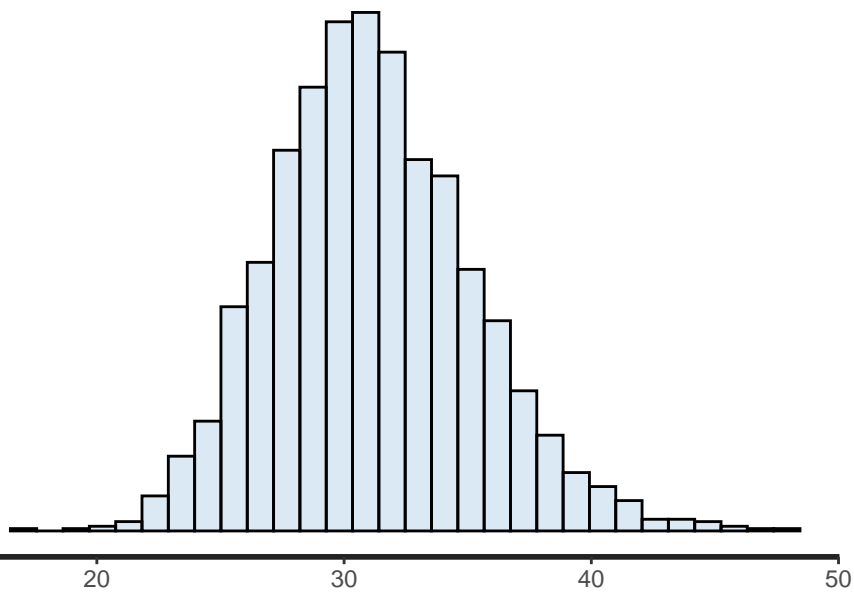
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

