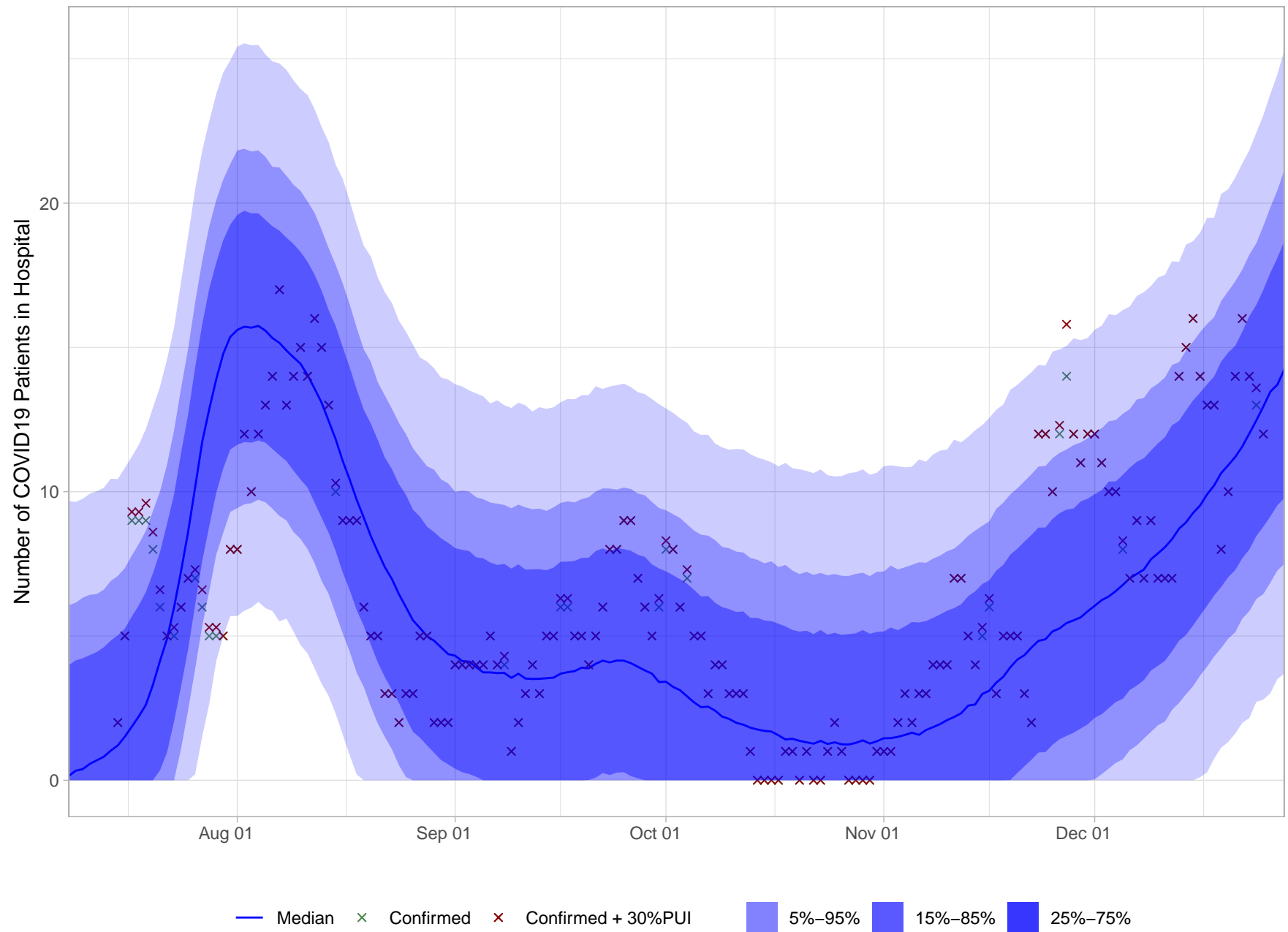
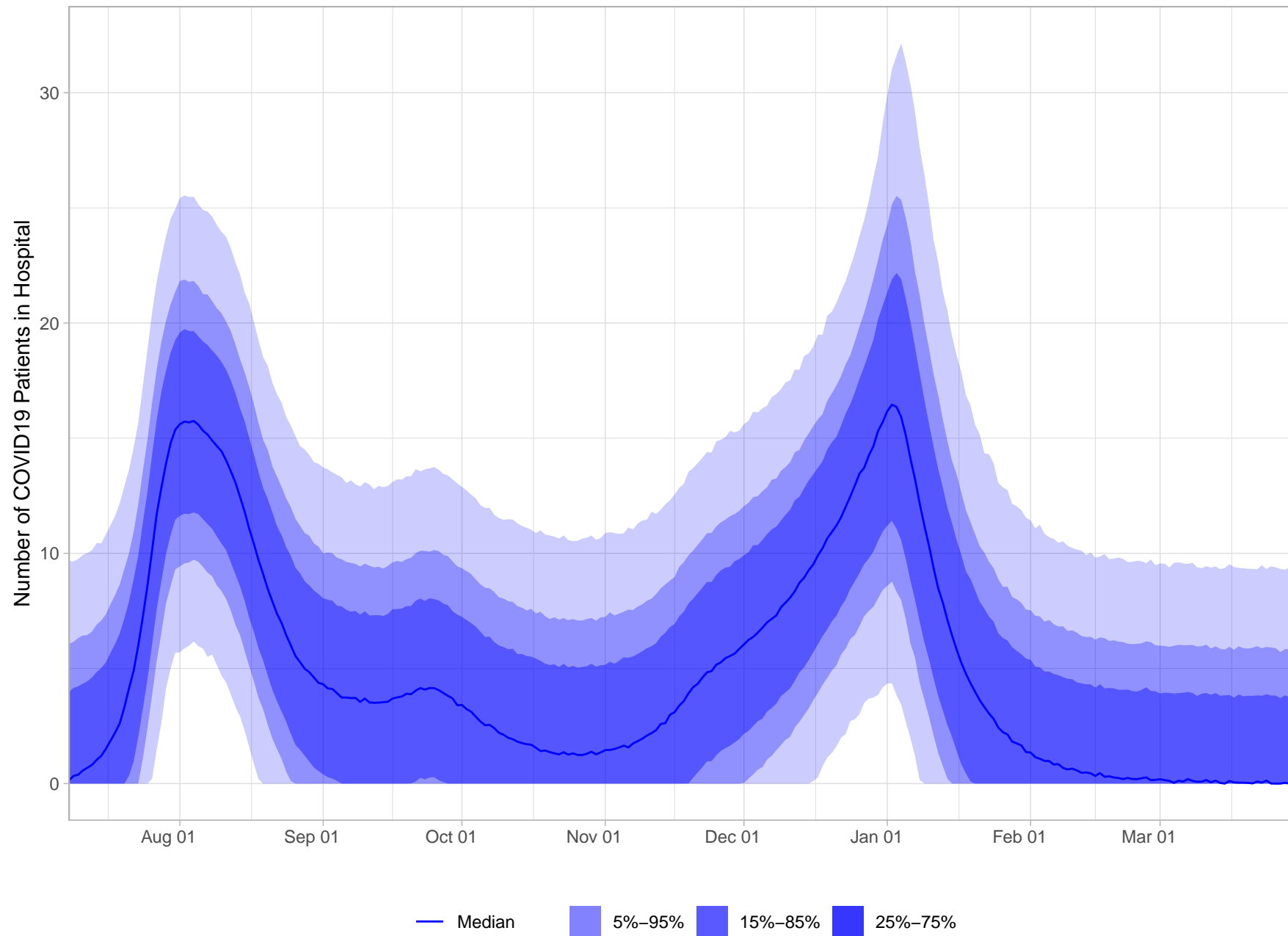


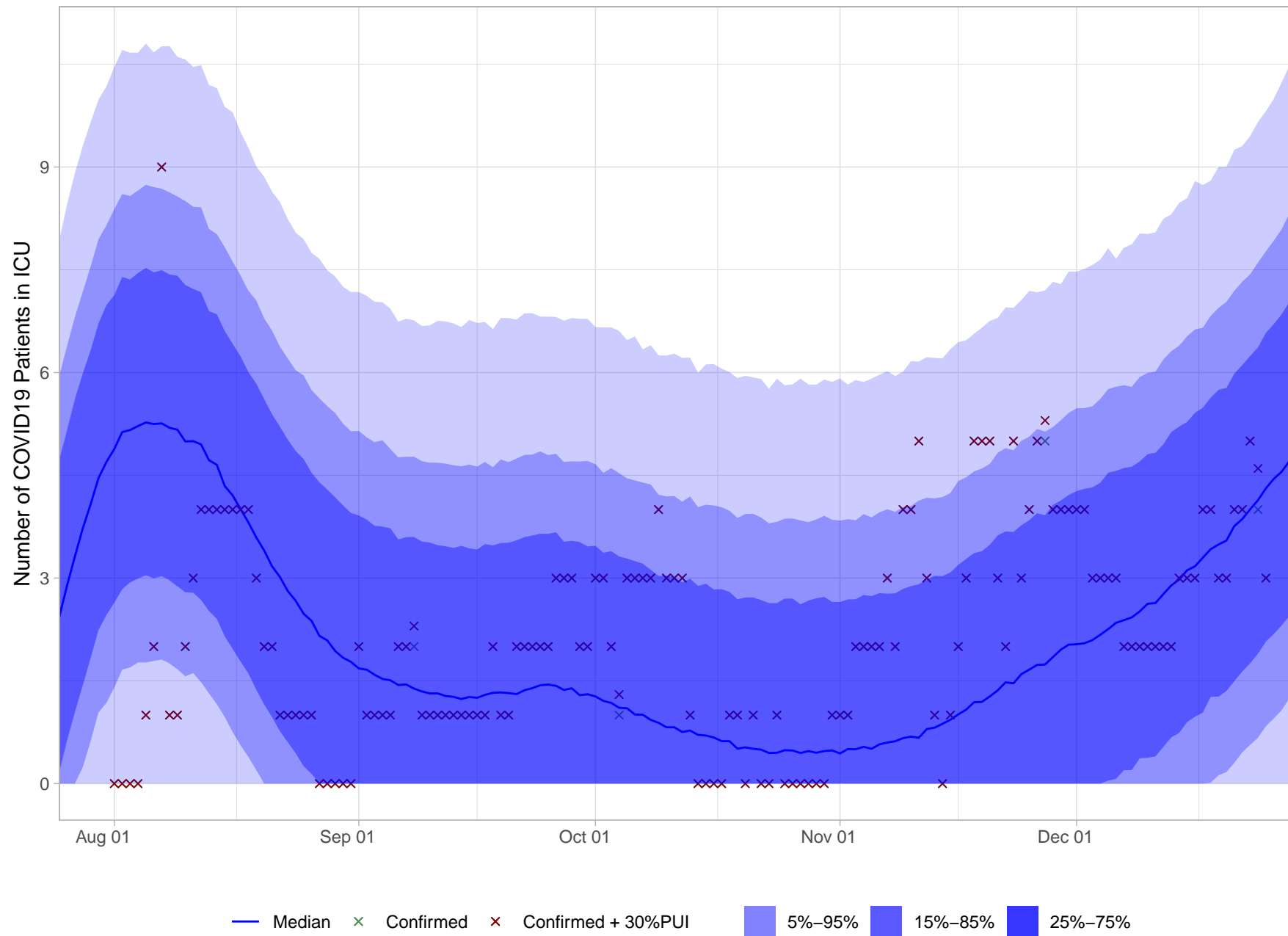
# Short Term Hospitalization Projection



# Long Term Hospitalization Projection



# Short Term ICU Projection



# Long Term ICU Projection

Number of COVID19 Patients in ICU

12.5  
10.0  
7.5  
5.0  
2.5  
0.0

Aug 01

Sep 01

Oct 01

Nov 01

Dec 01

Jan 01

Feb 01

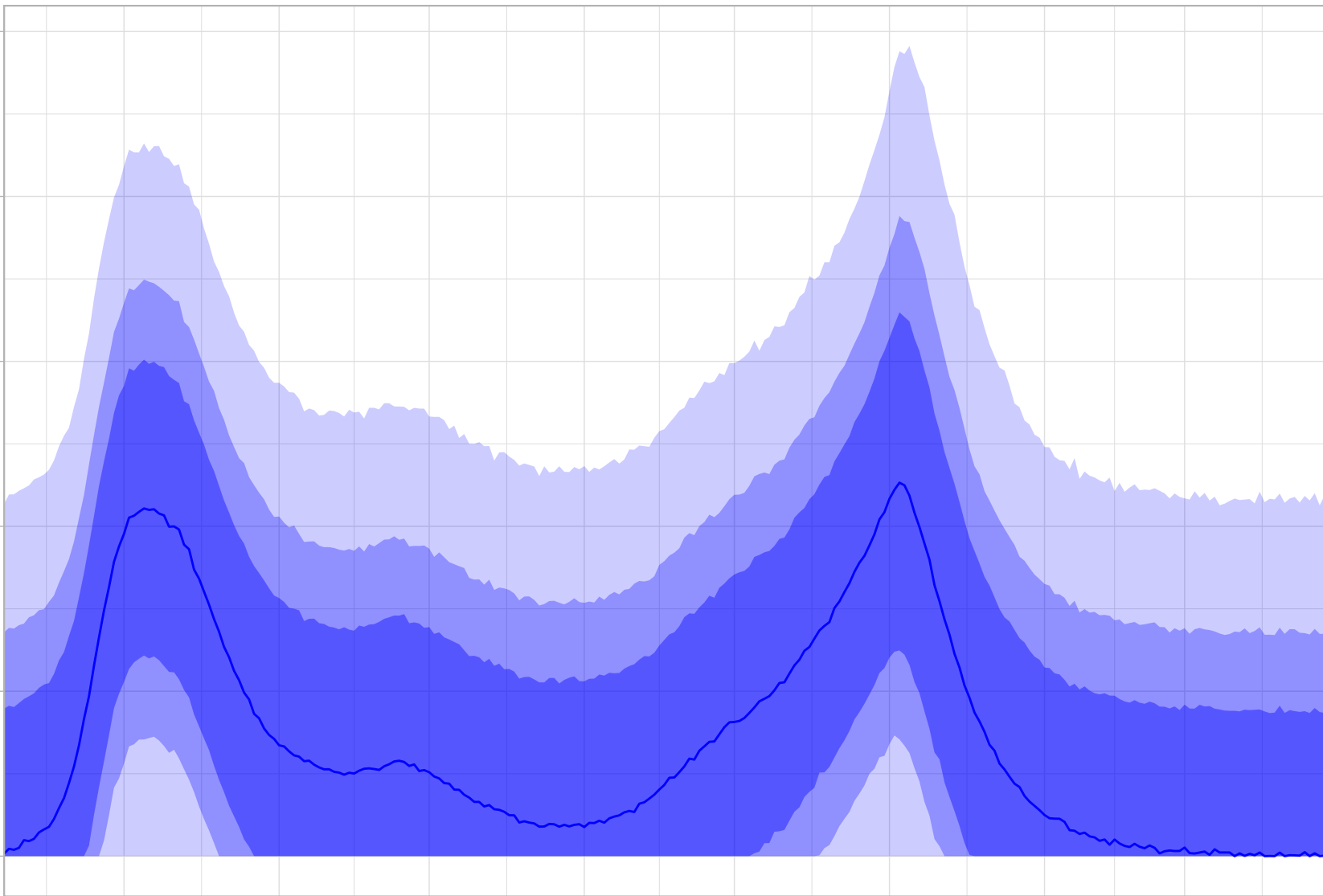
Mar 01

— Median

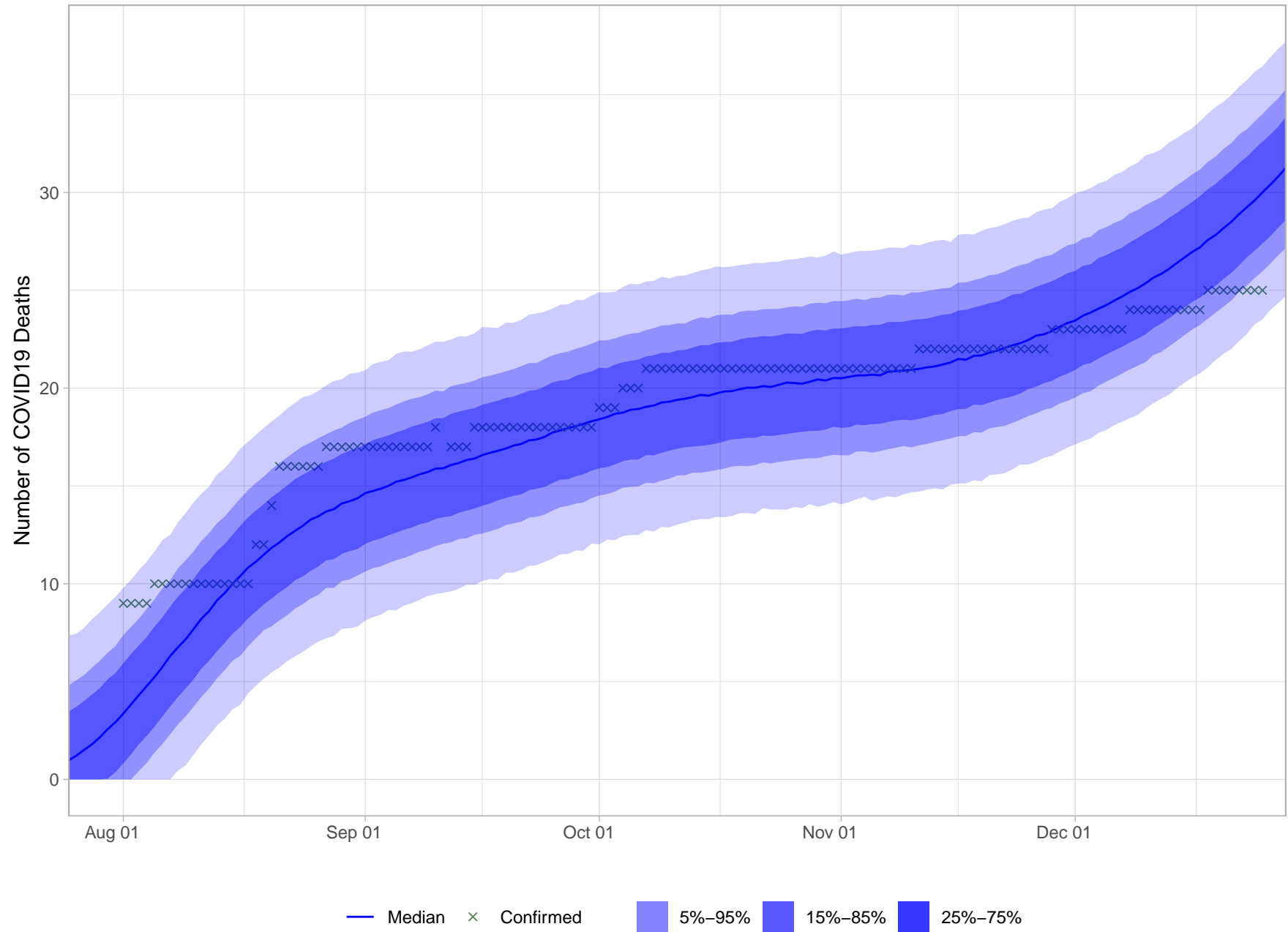
5%–95%

15%–85%

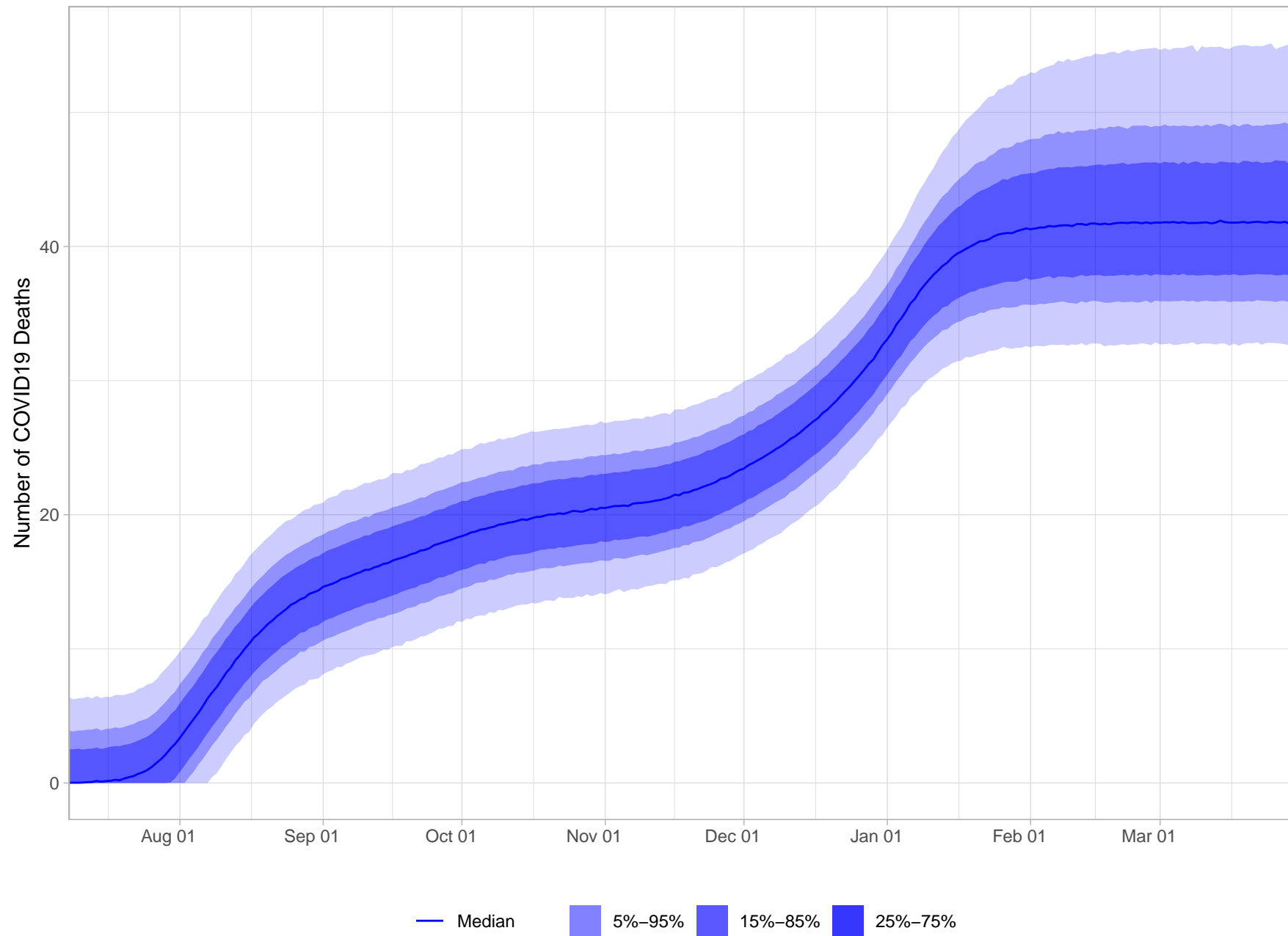
25%–75%



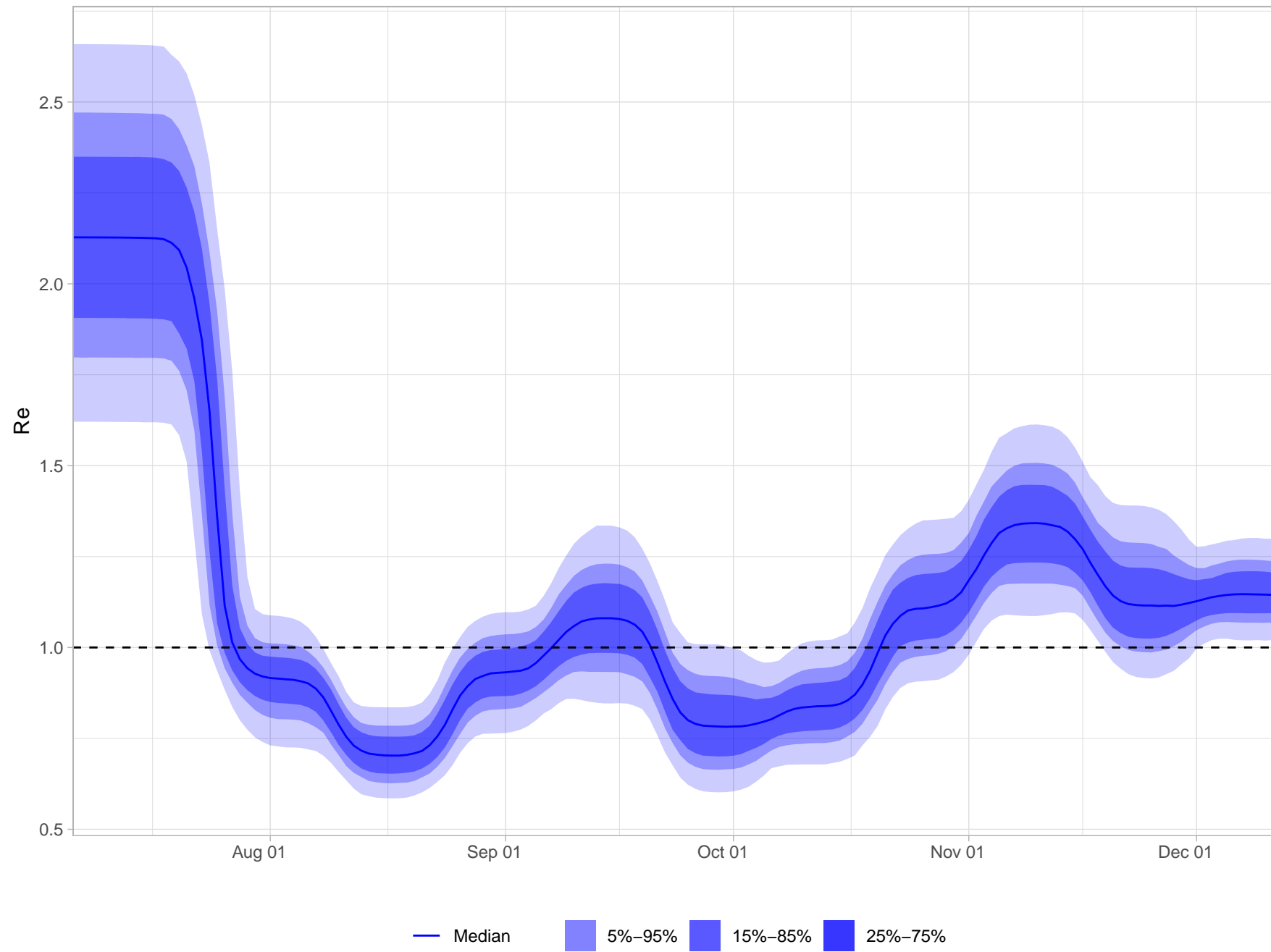
# Short Term Death Projection



# Long Term Death Projection

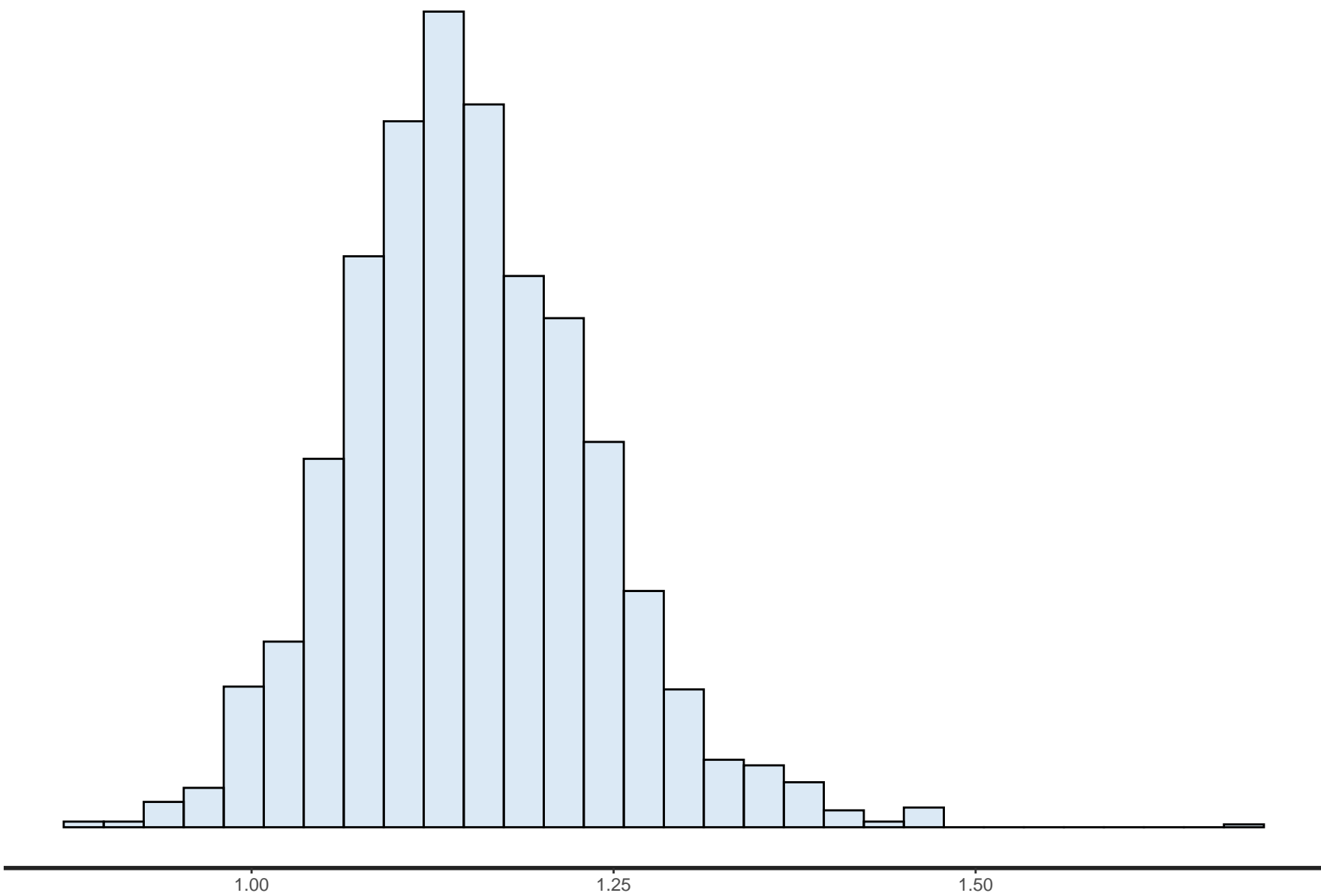


Effective Reproduction Number

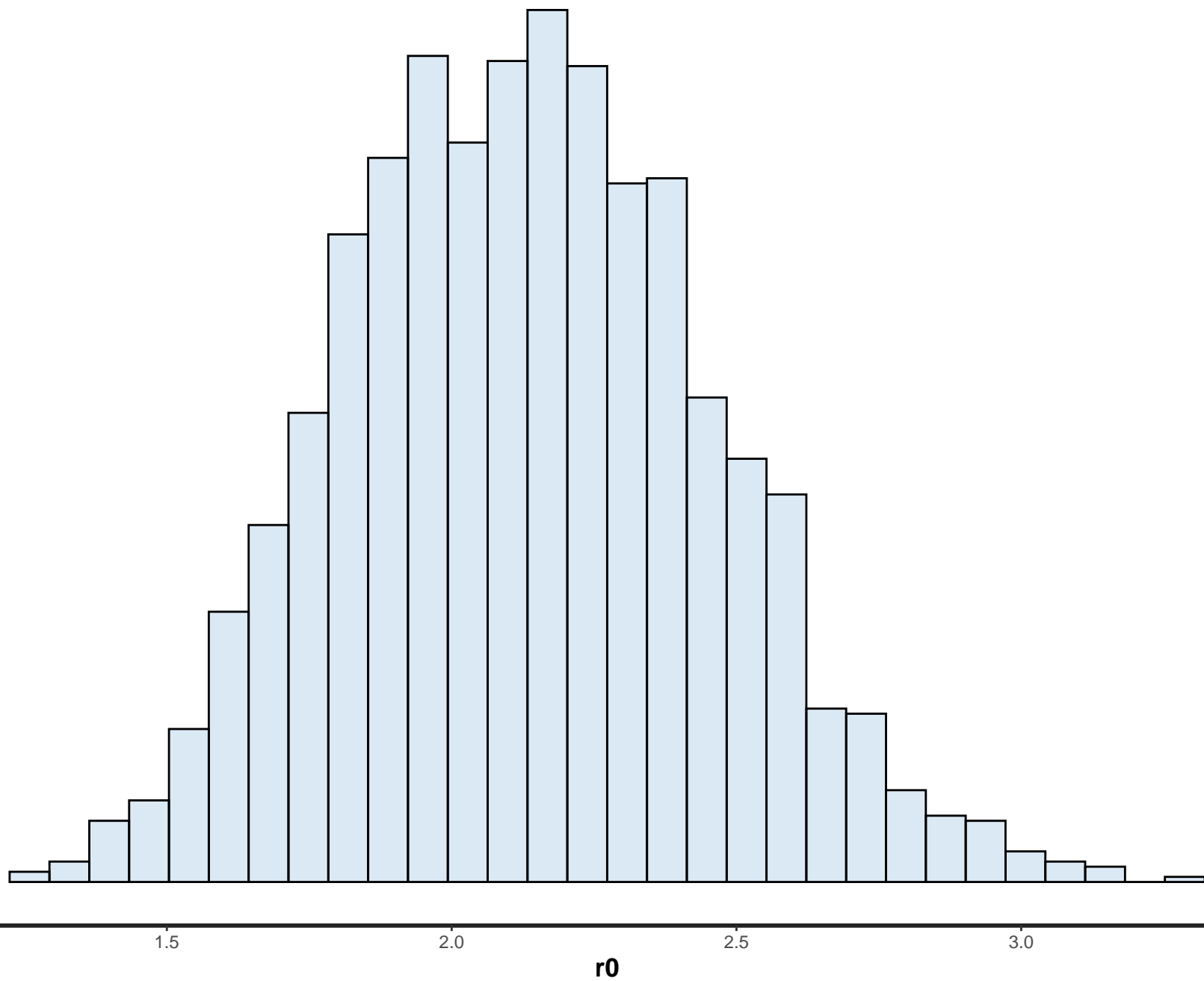


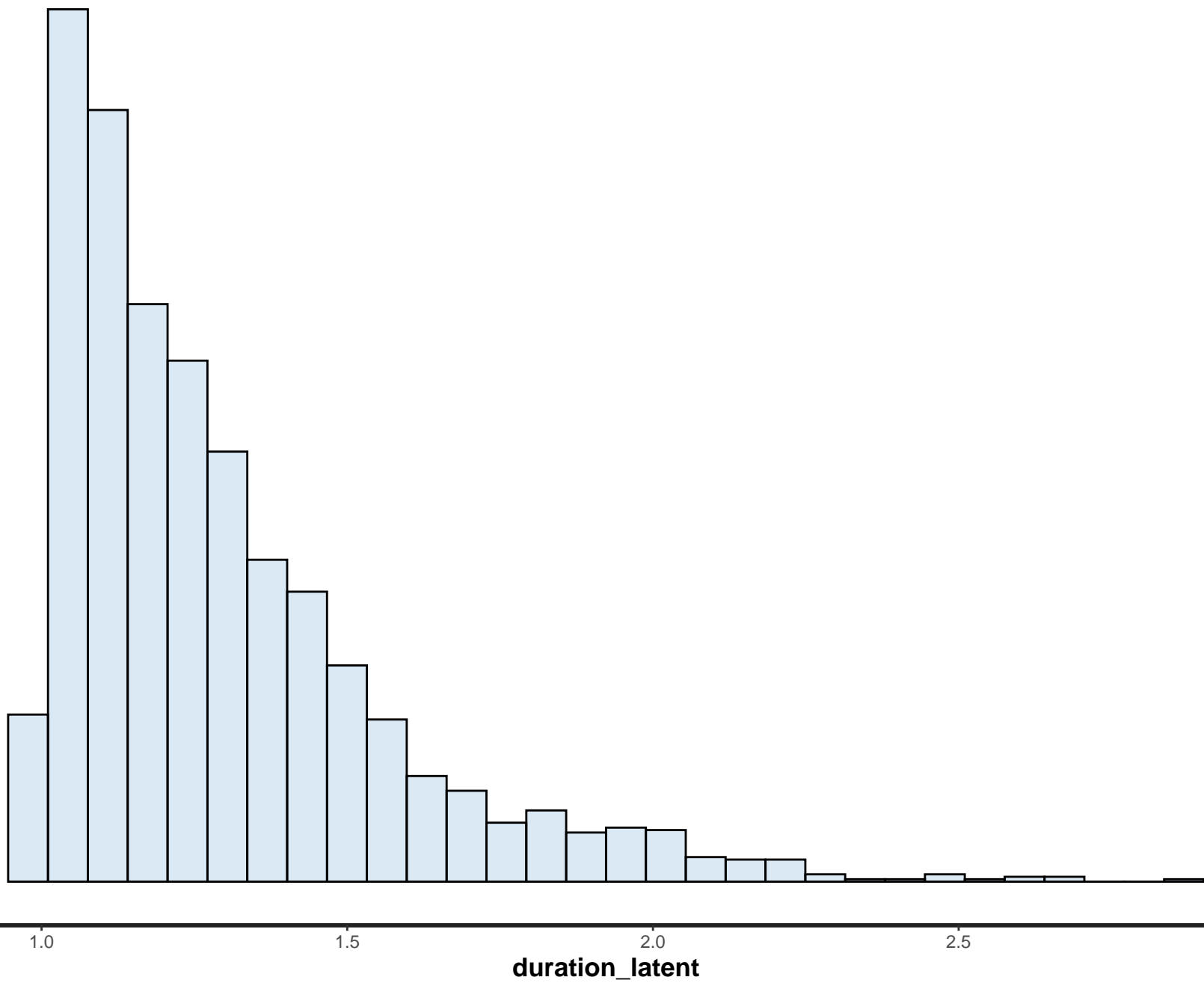
# Rt as of 2020-12-11

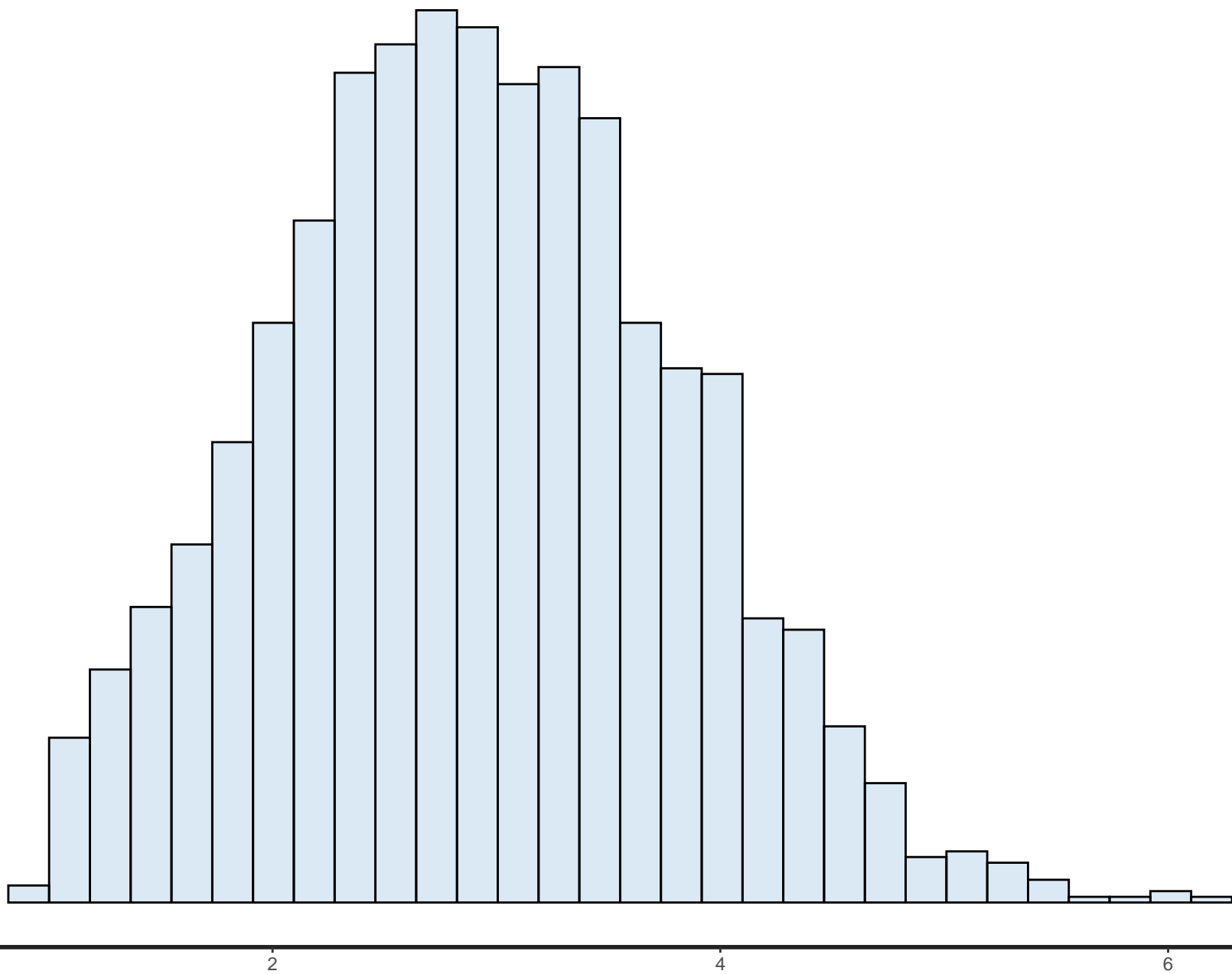
5% 10% 25% 50% 75% 90% 95%  
1.02 1.05 1.09 1.14 1.21 1.26 1.30

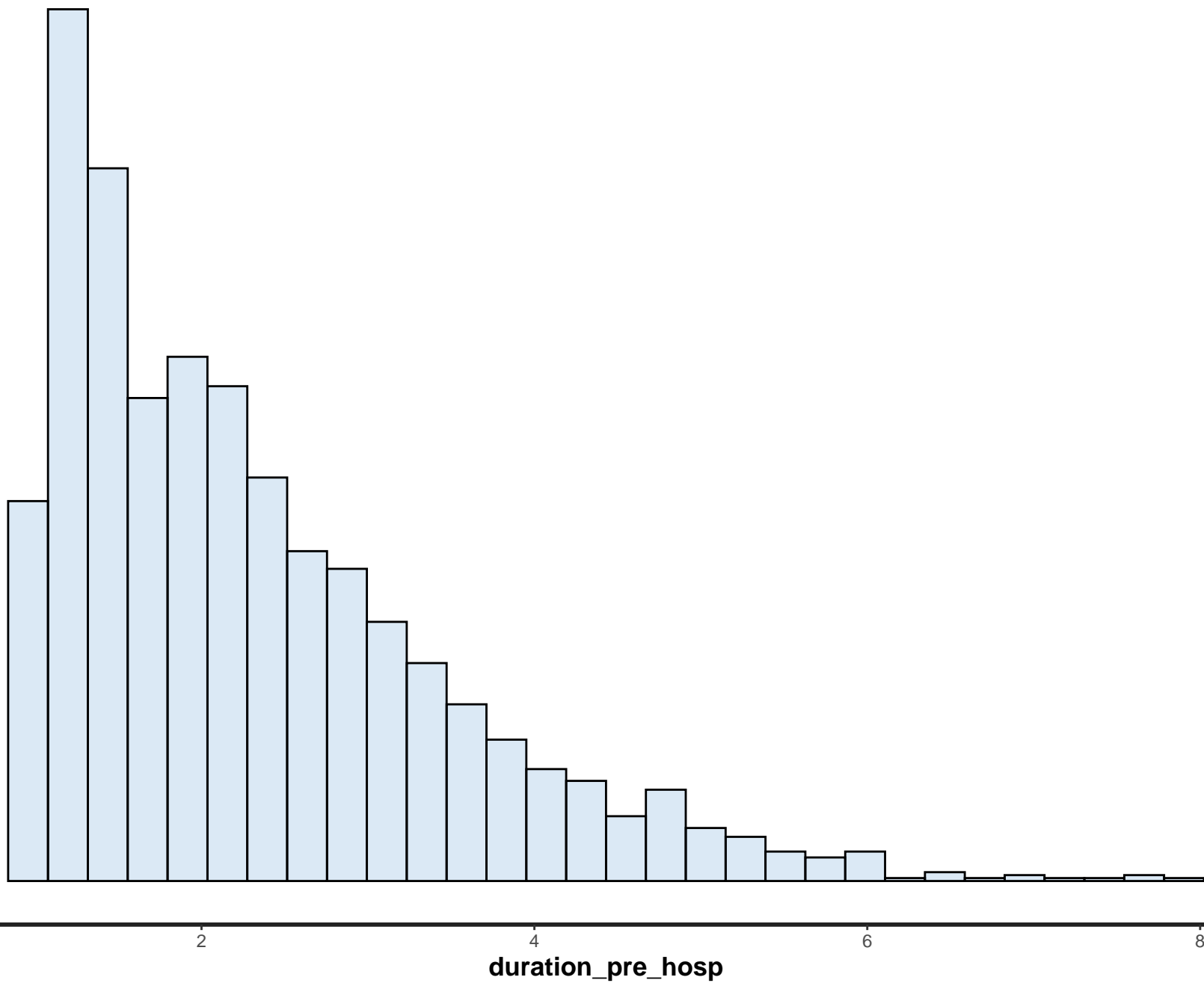


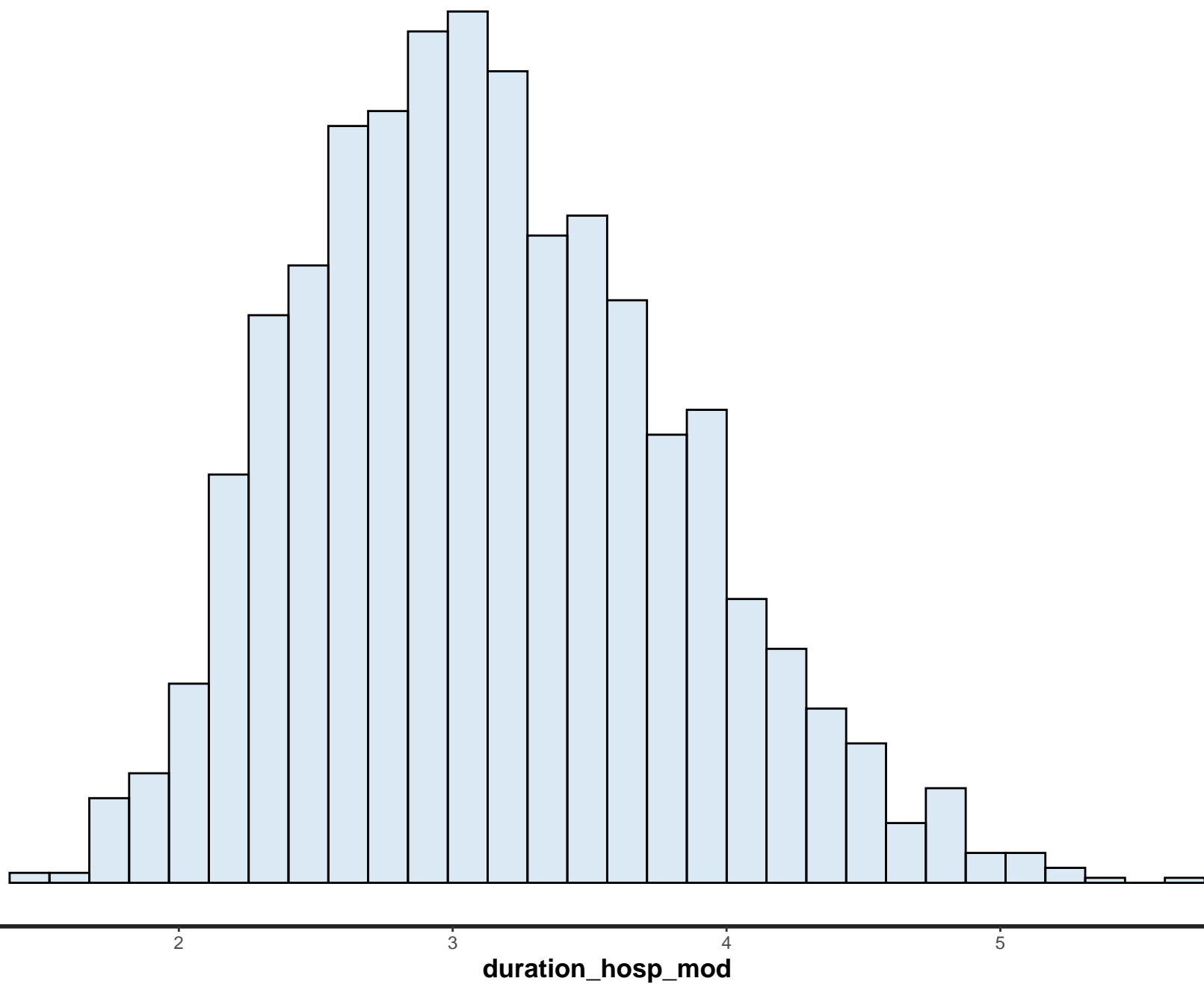


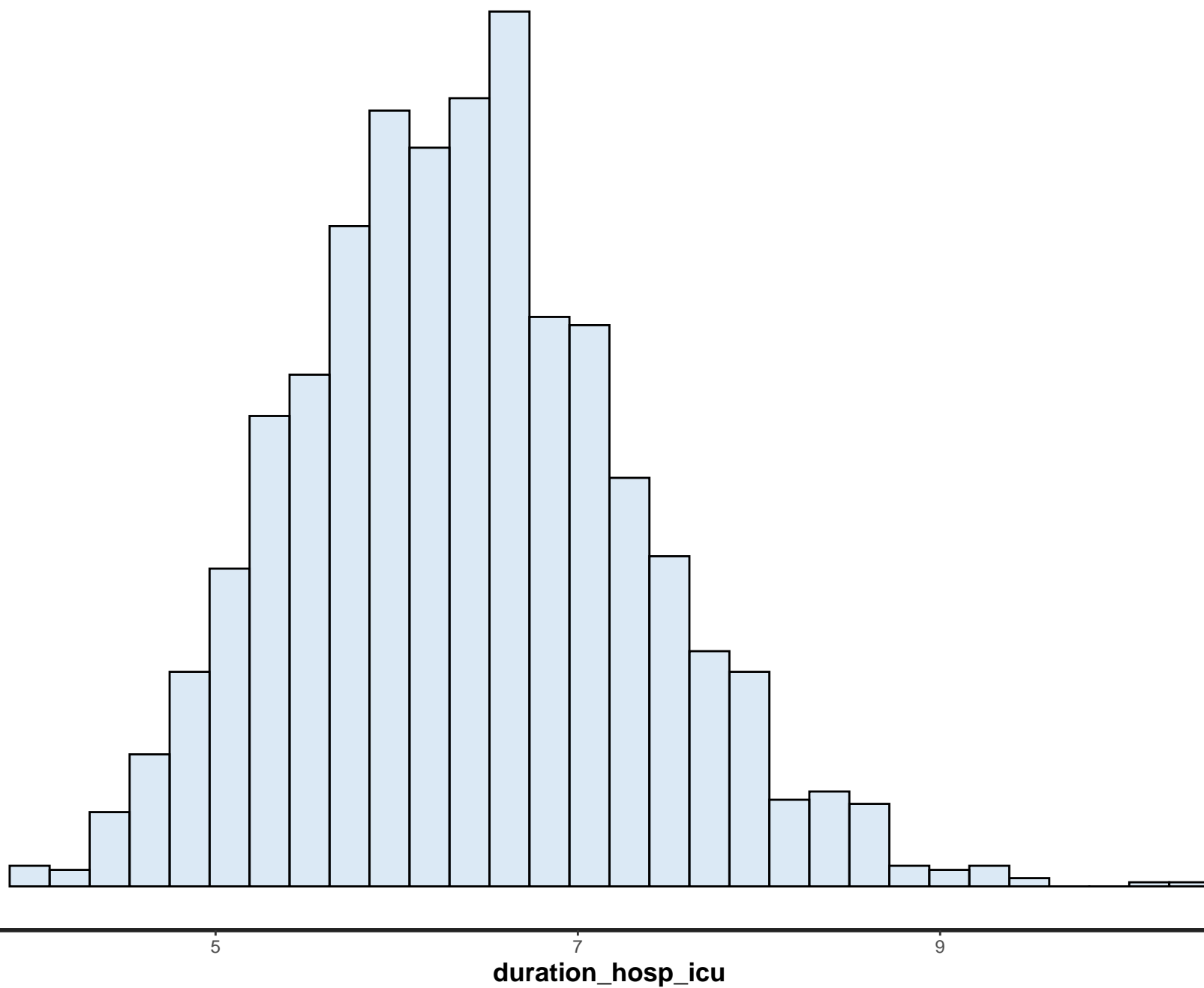


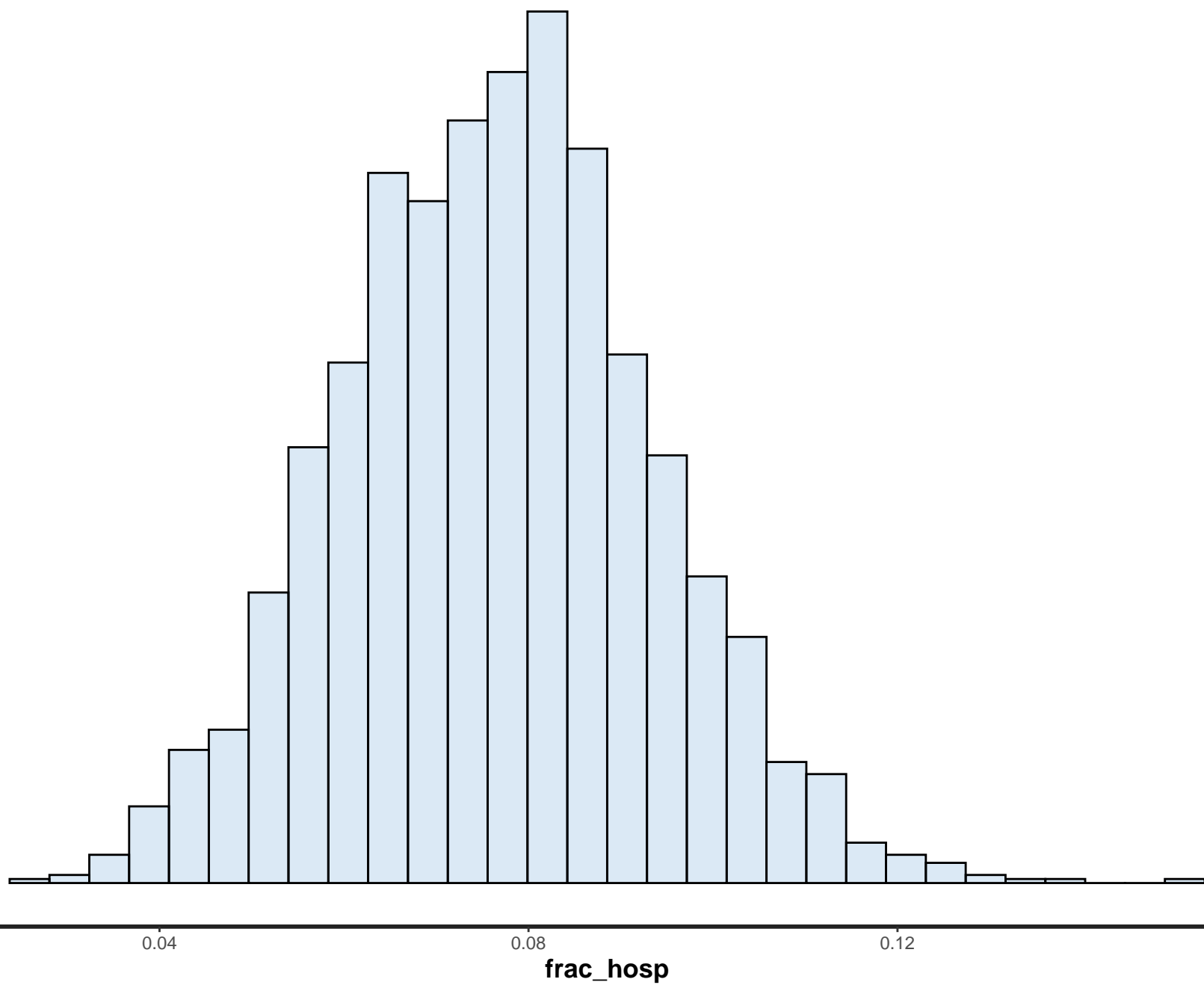


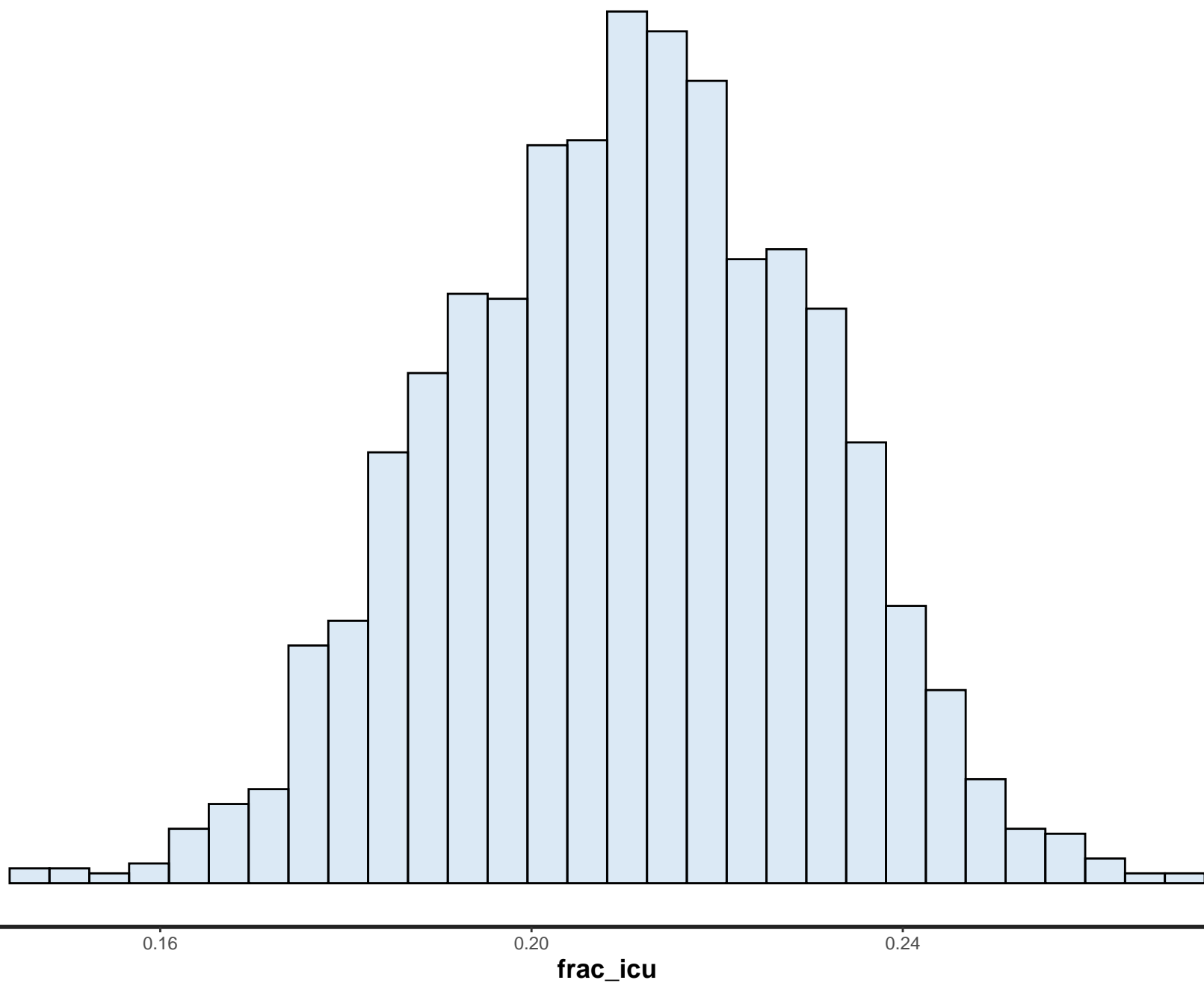




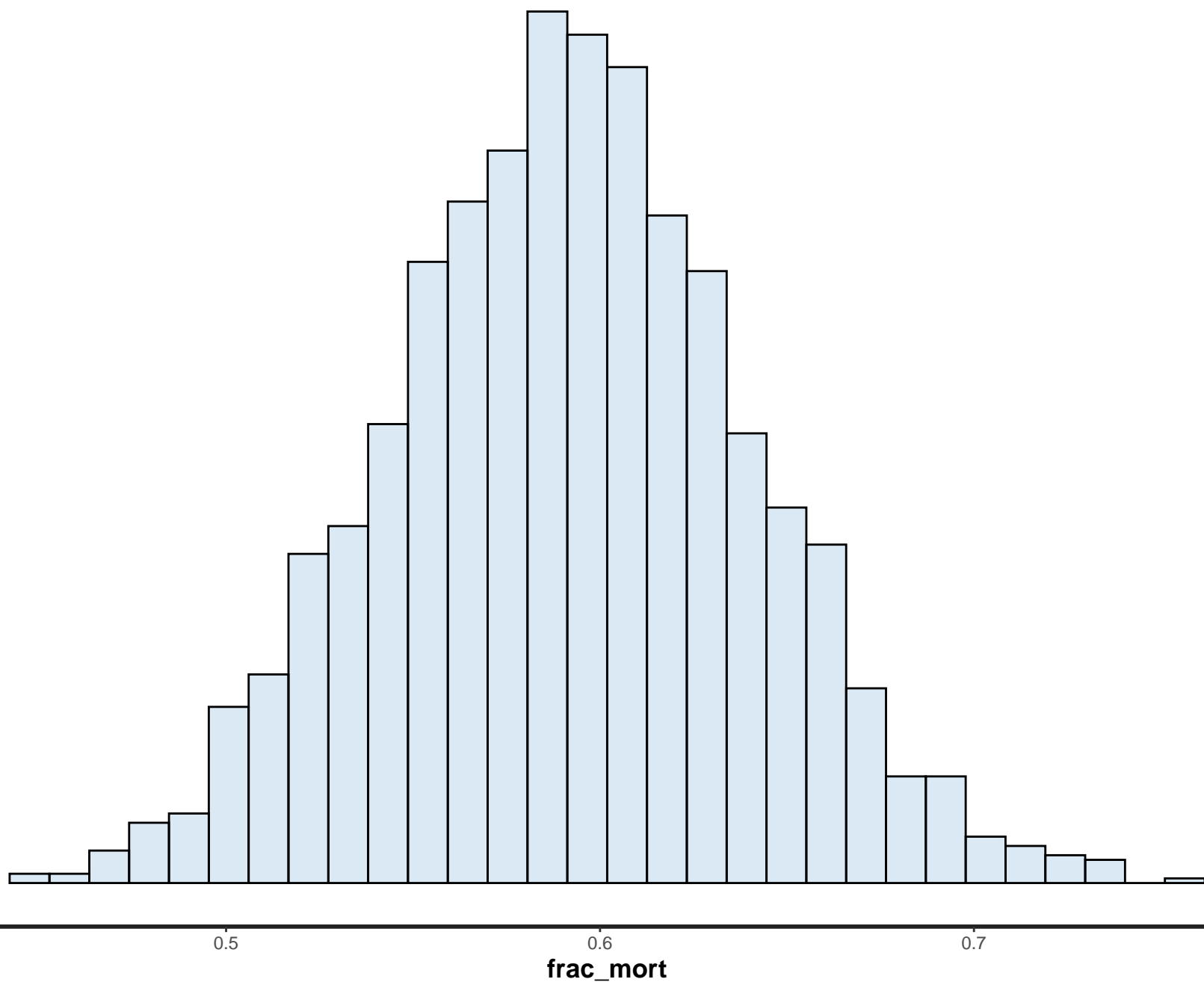




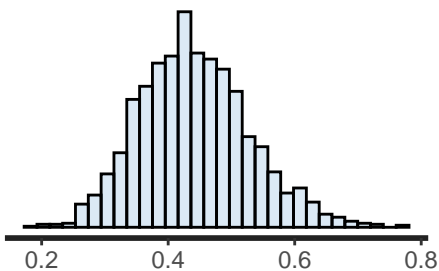




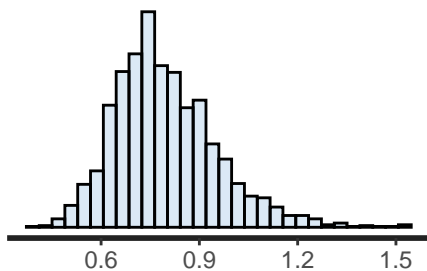




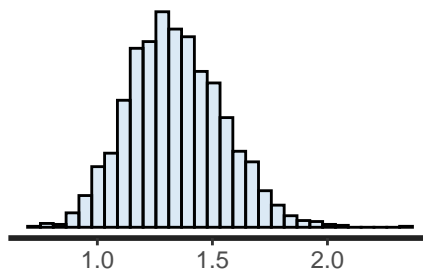
**beta\_multiplier[1]**



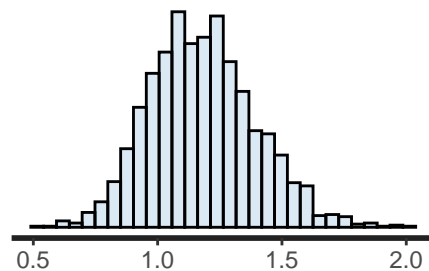
**beta\_multiplier[2]**



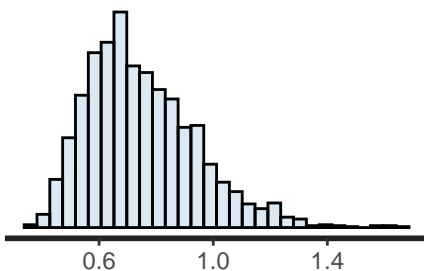
**beta\_multiplier[3]**



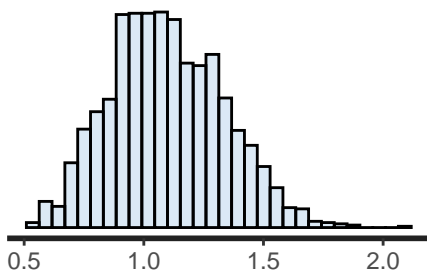
**beta\_multiplier[4]**



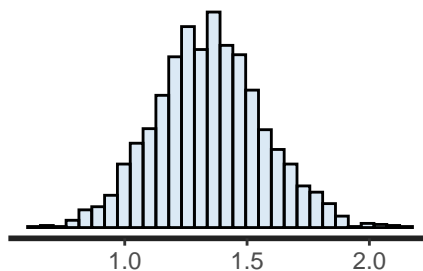
**beta\_multiplier[5]**



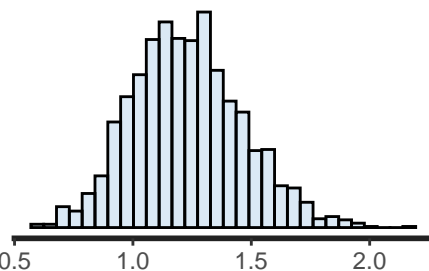
**beta\_multiplier[6]**



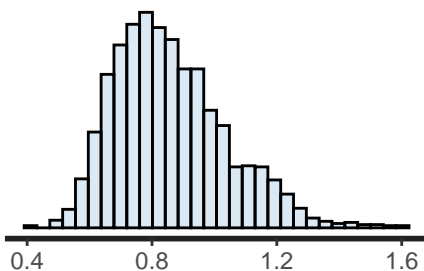
**beta\_multiplier[7]**



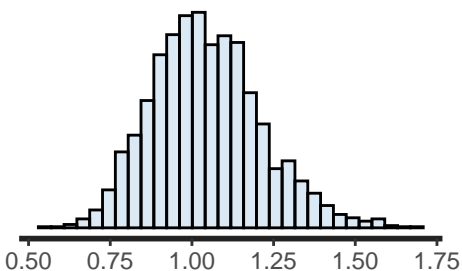
**beta\_multiplier[8]**



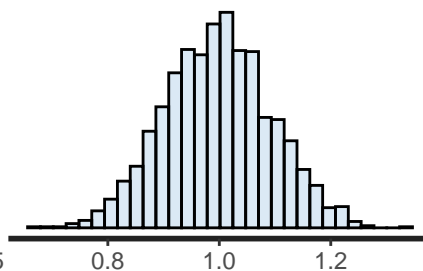
**beta\_multiplier[9]**



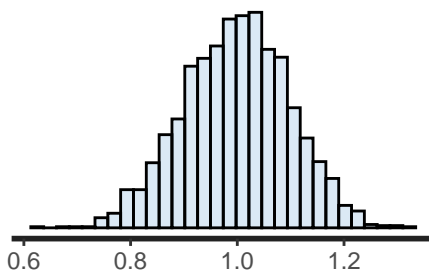
**beta\_multiplier[10]**



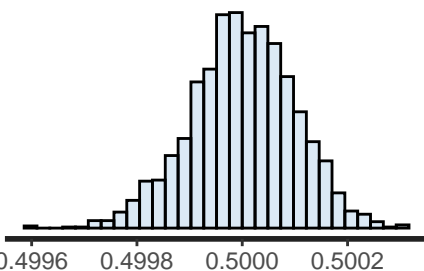
**beta\_multiplier[11]**

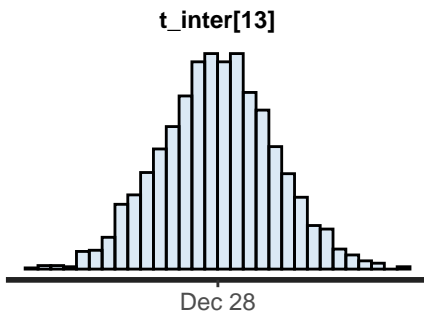
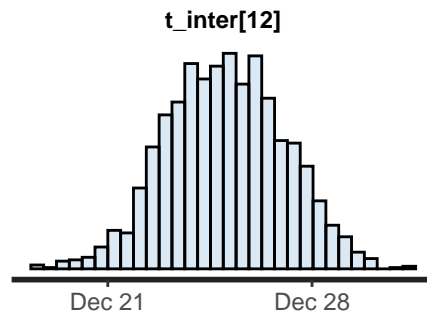
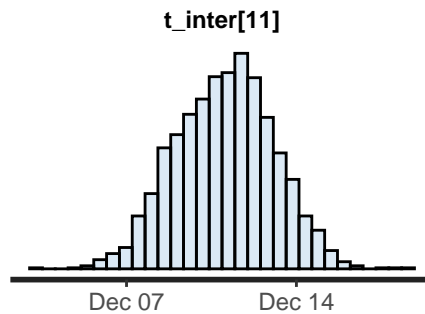
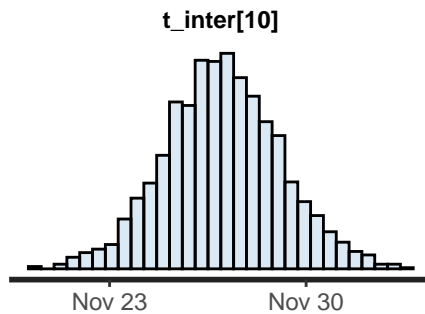
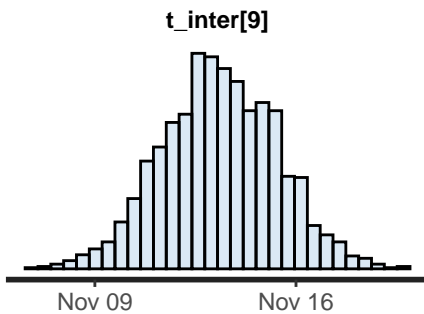
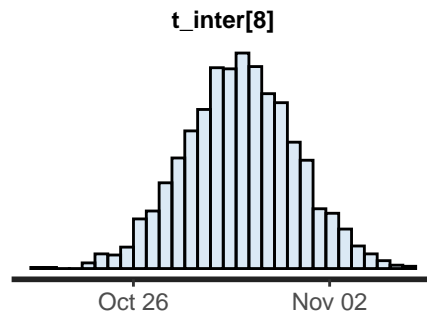
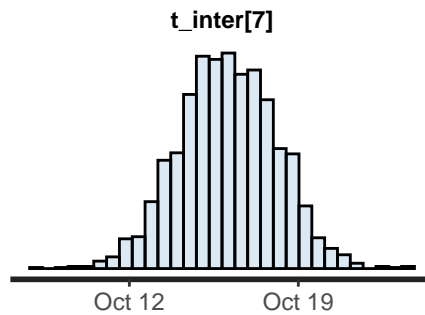
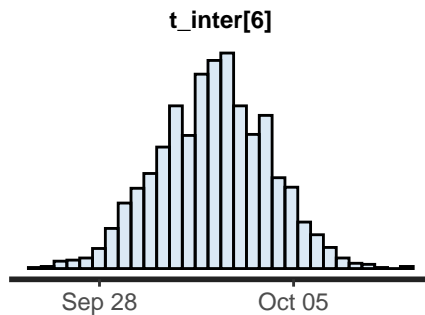
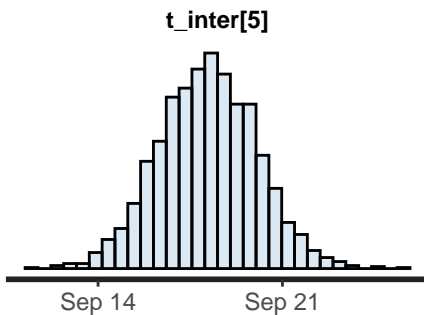
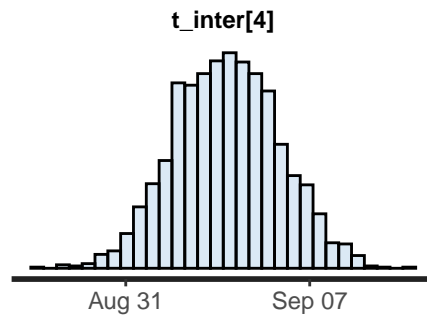
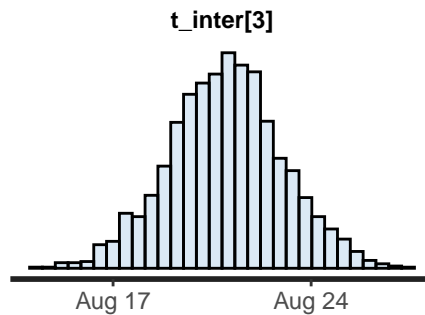
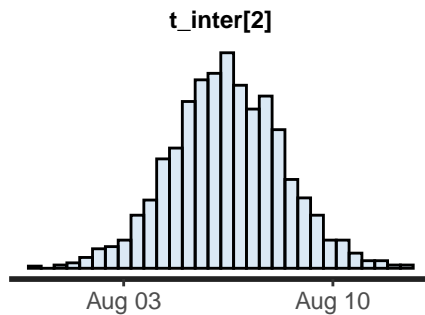
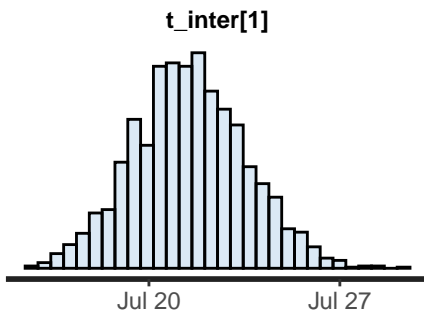


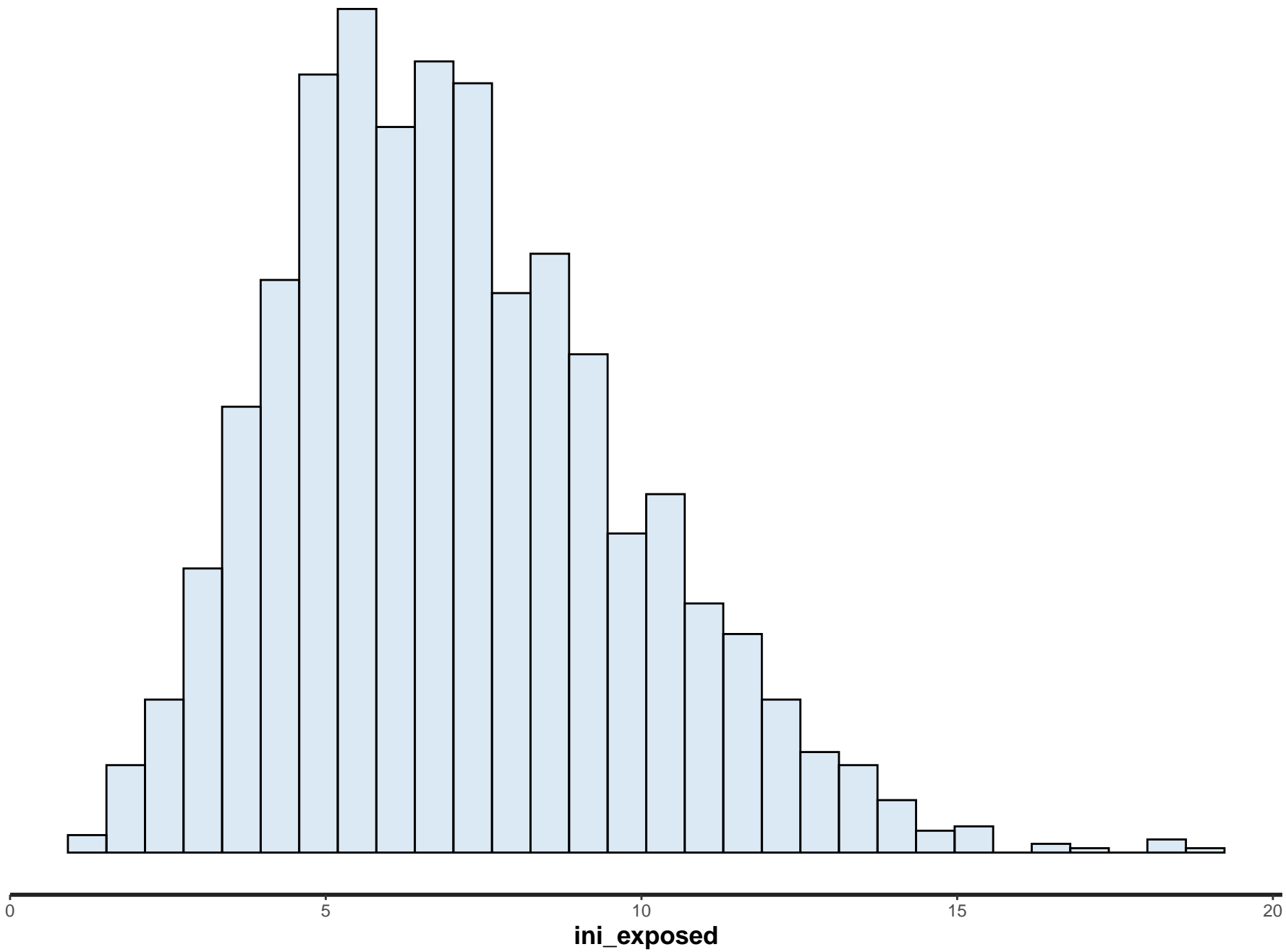
**beta\_multiplier[12]**



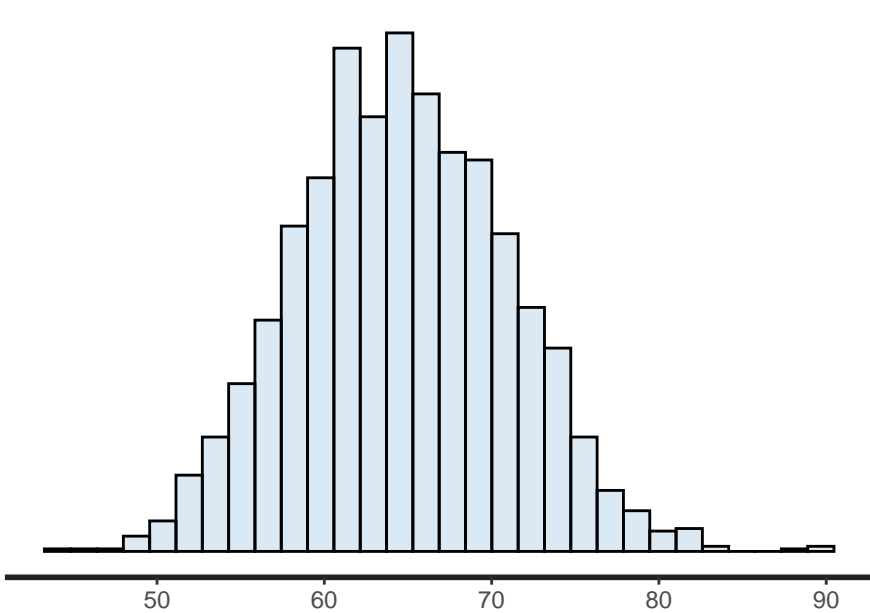
**beta\_multiplier[13]**



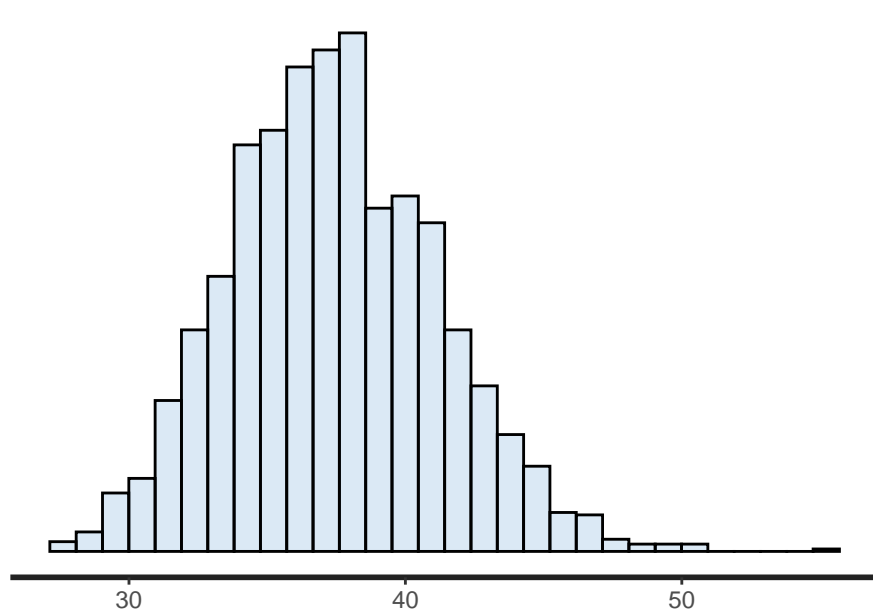




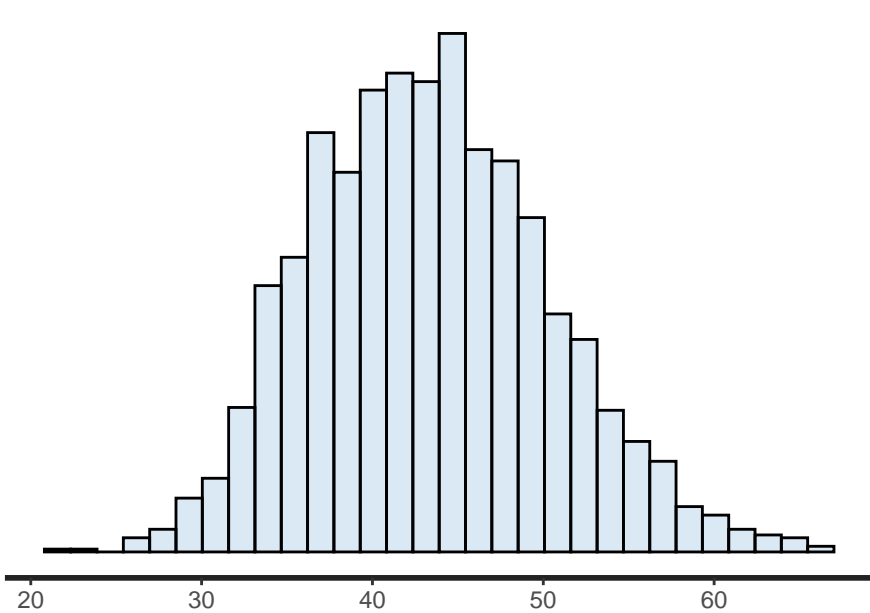
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

