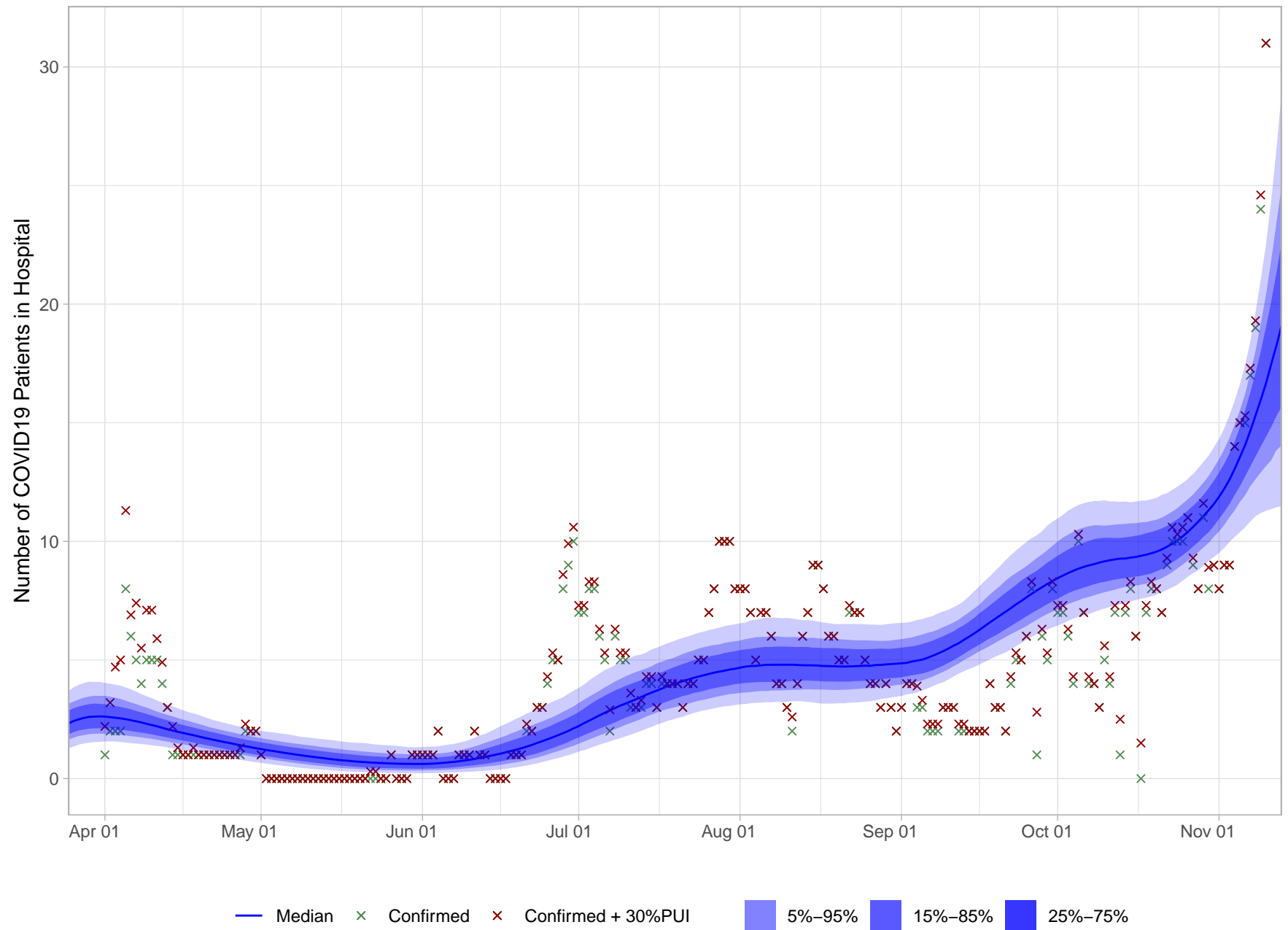
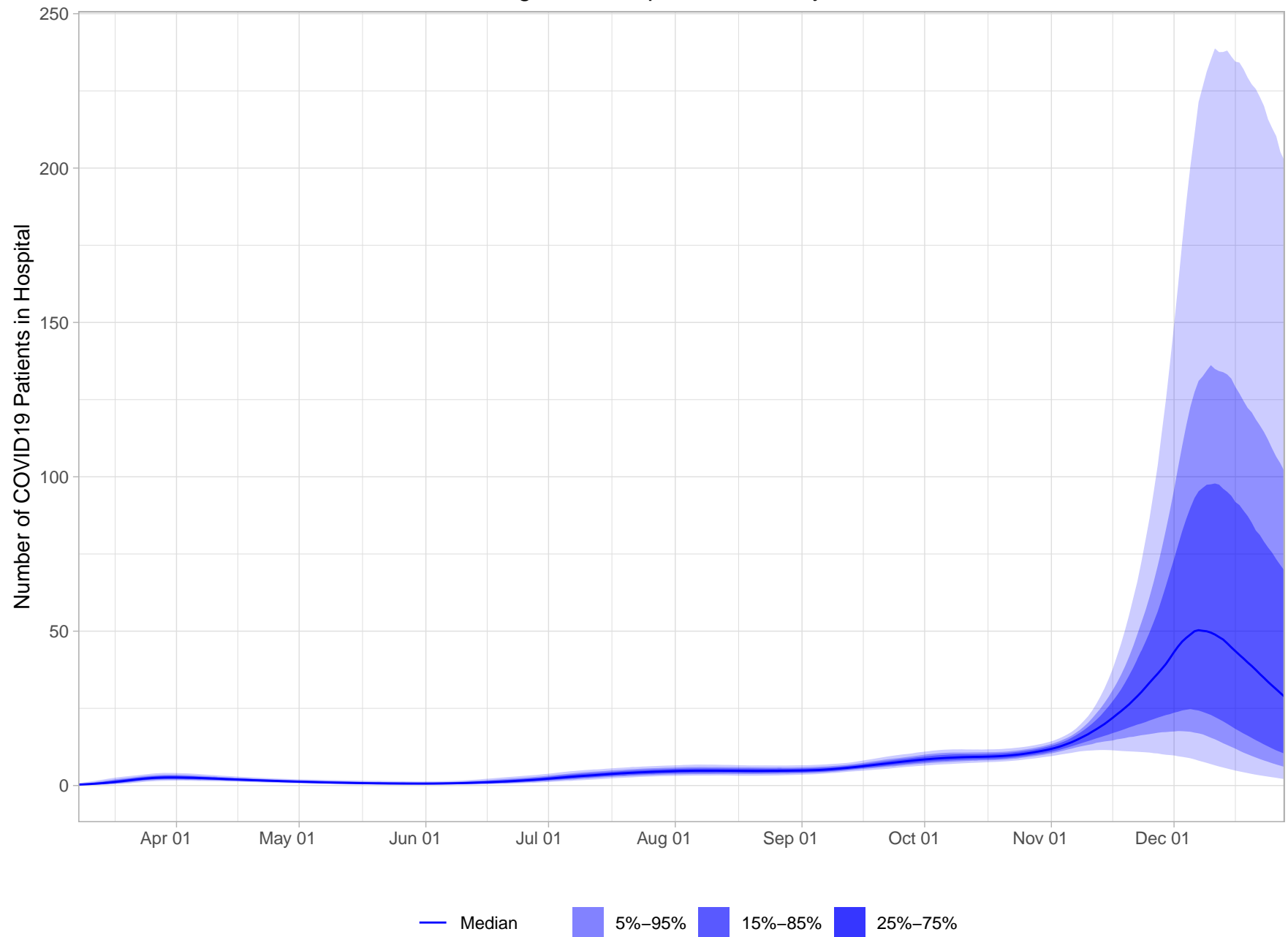


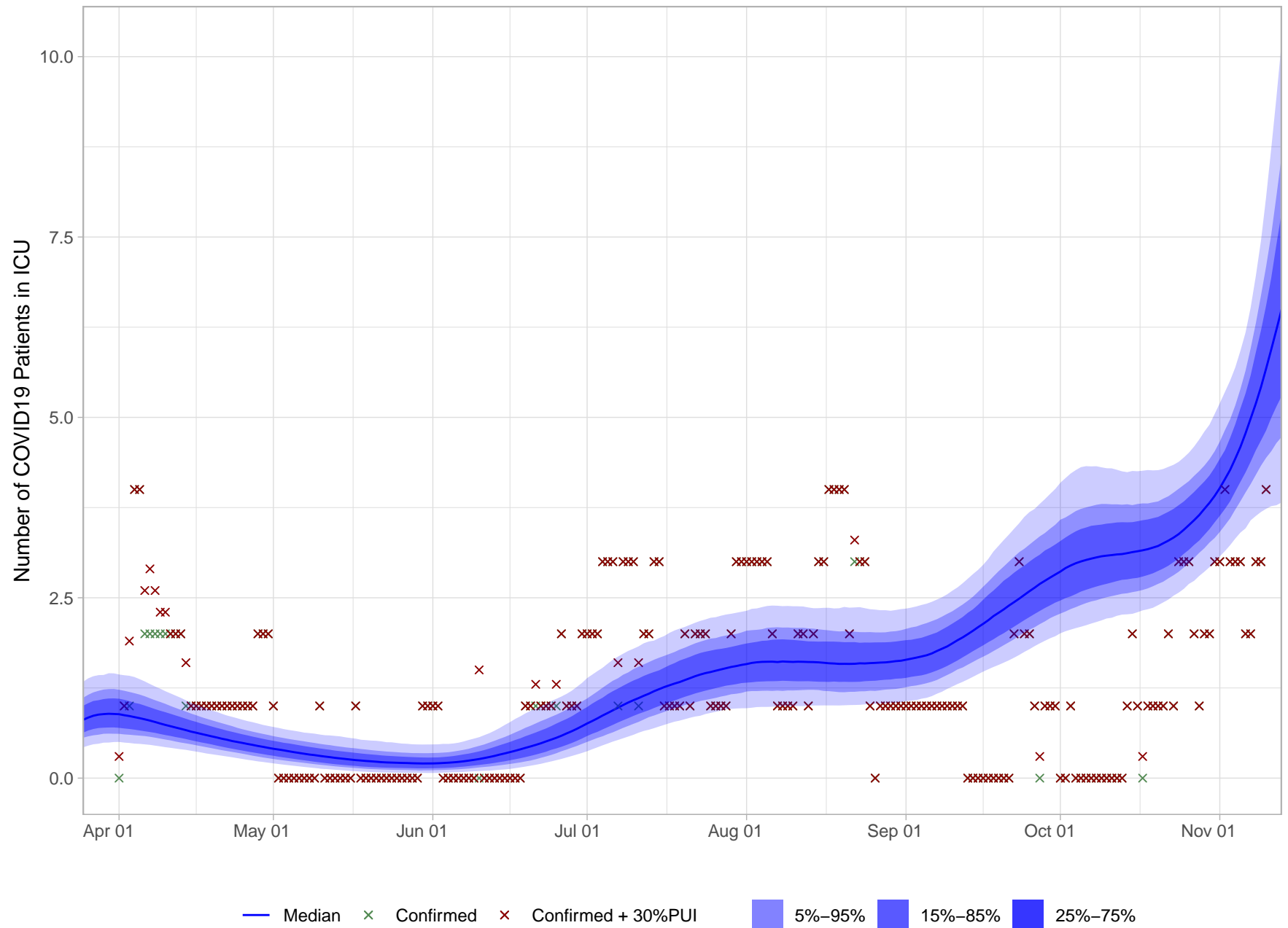
# Short Term Hospitalization Projection



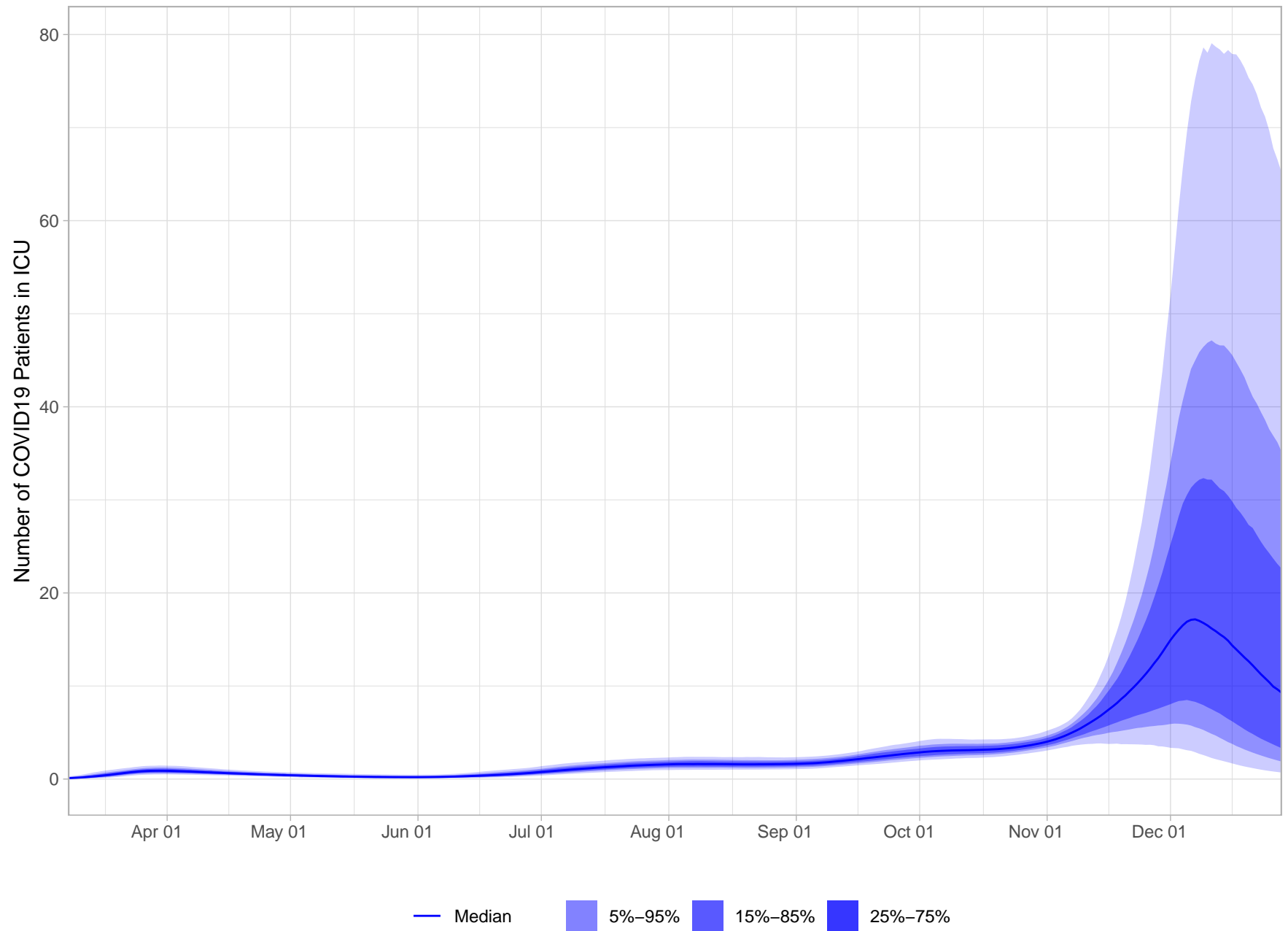
# Long Term Hospitalization Projection



# Short Term ICU Projection

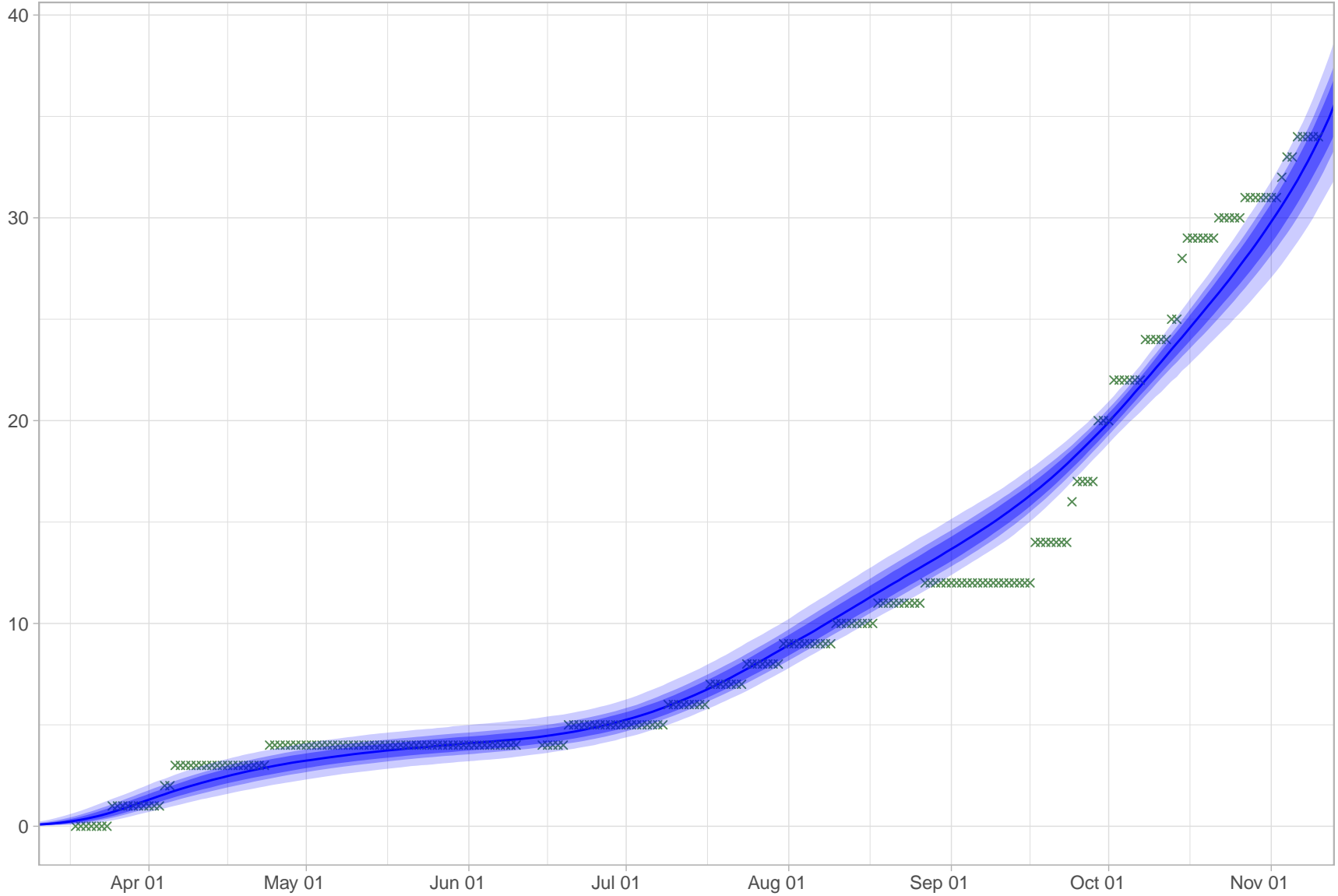


# Long Term ICU Projection



# 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

200

100

0

Apr 01

May 01

Jun 01

Jul 01

Aug 01

Sep 01

Oct 01

Nov 01

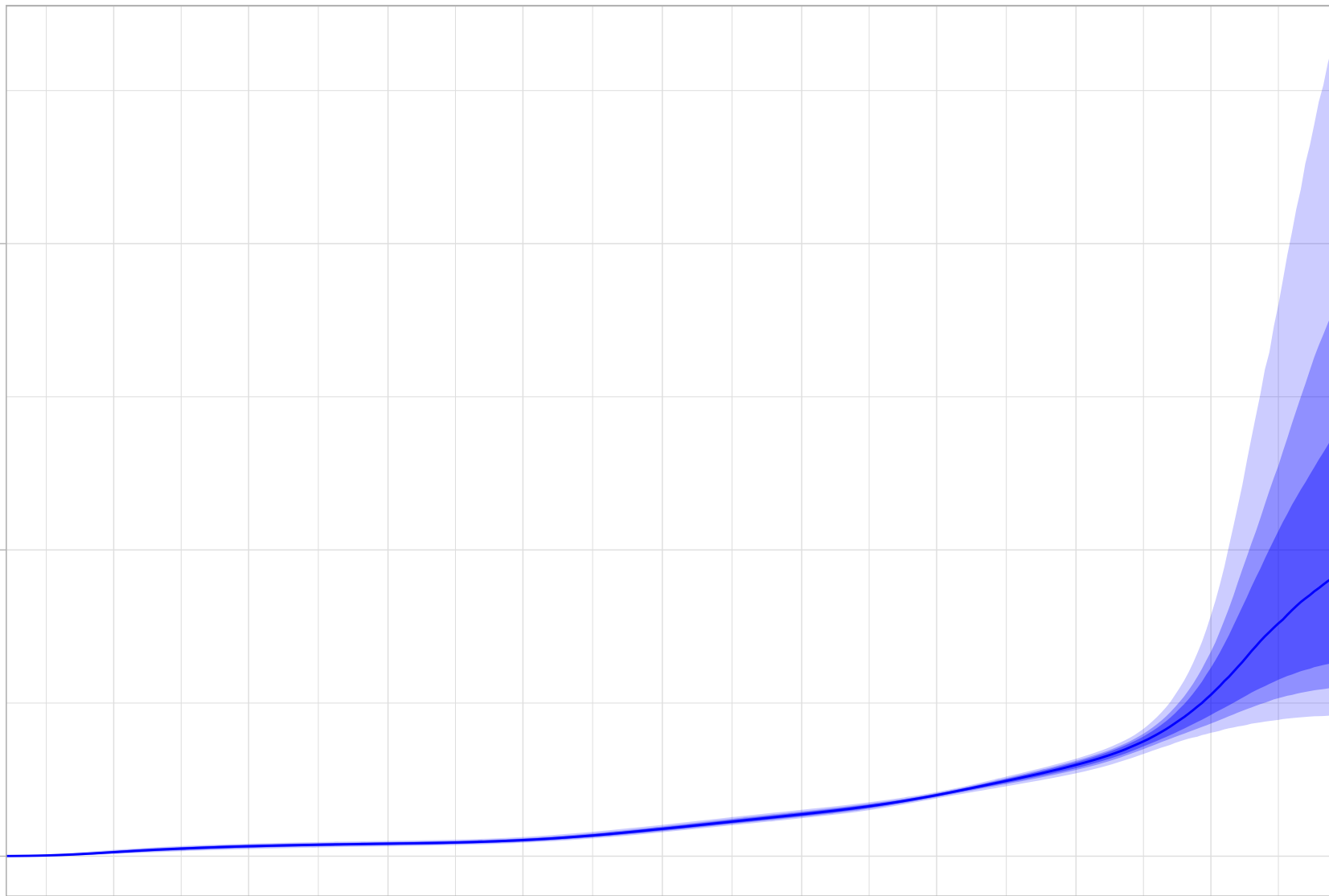
Dec 01

— Median

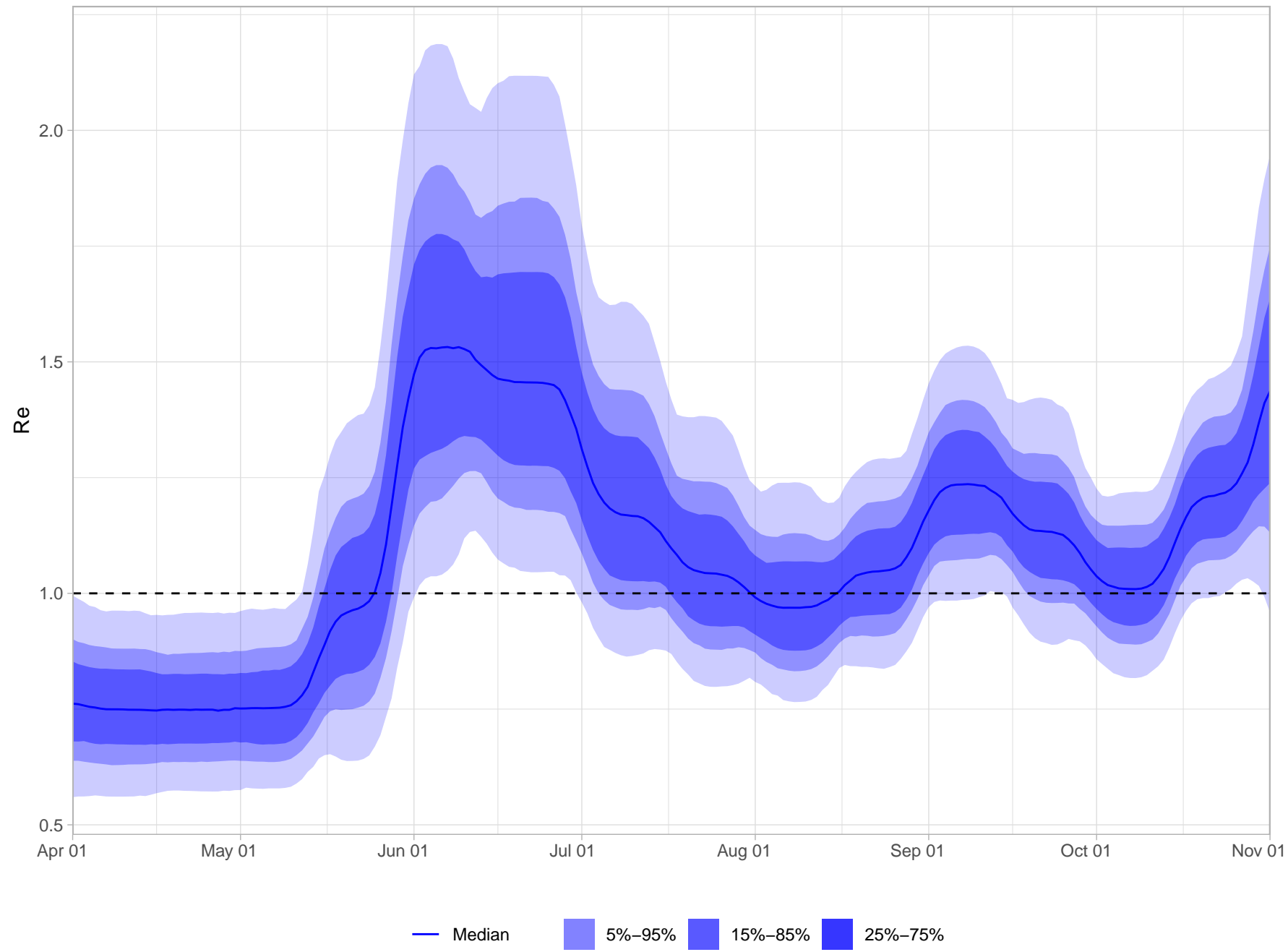
5%–95%

15%–85%

25%–75%

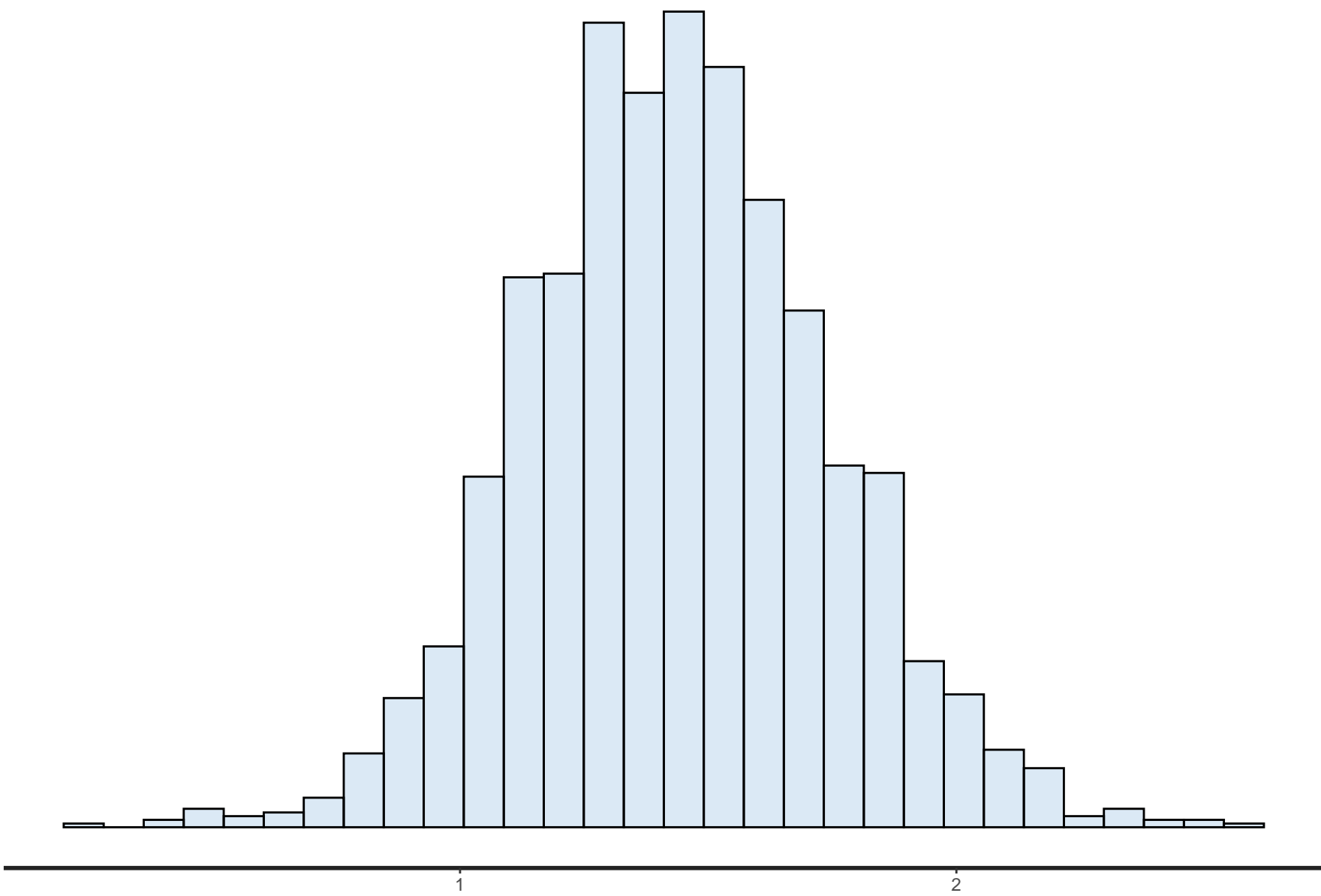


Effective Reproduction Number

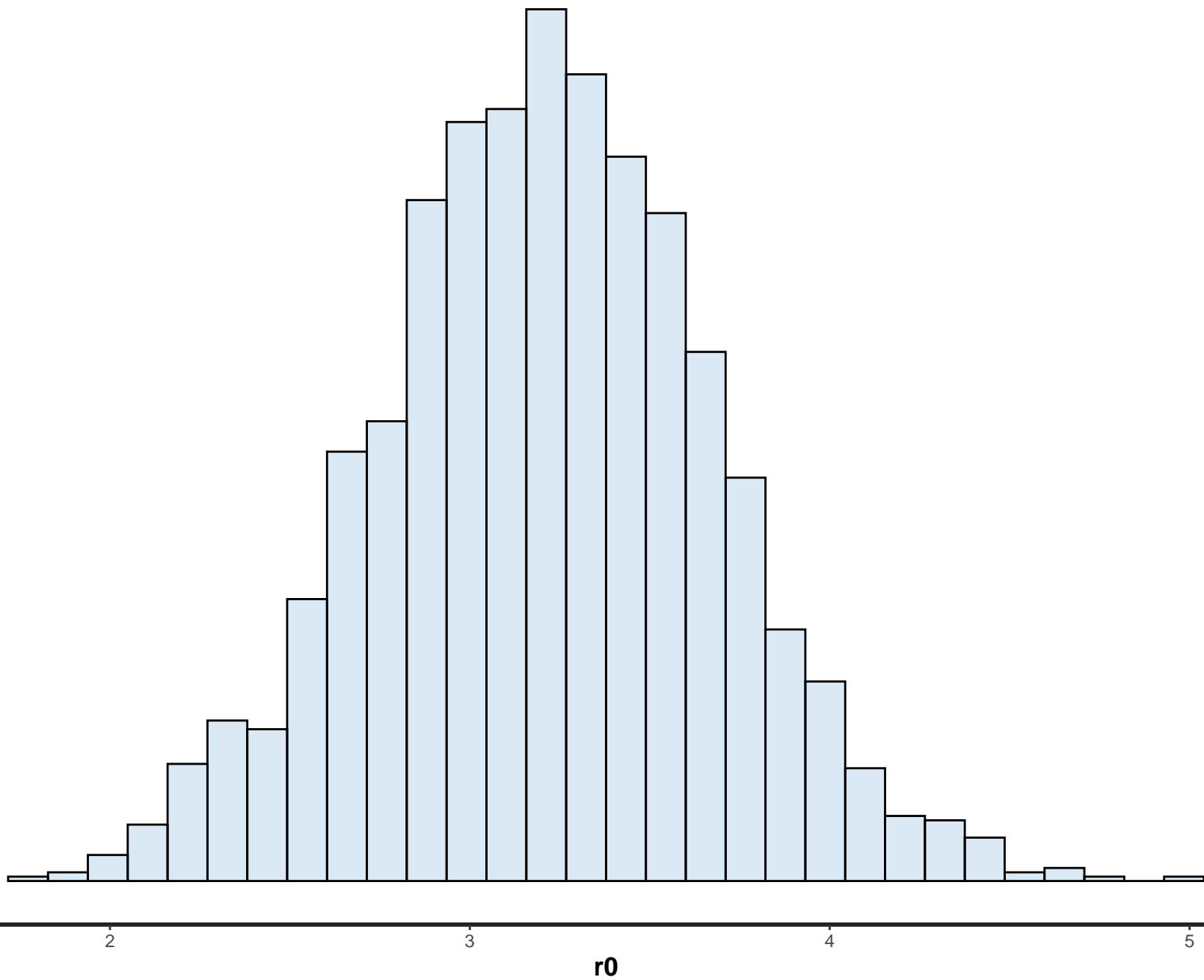


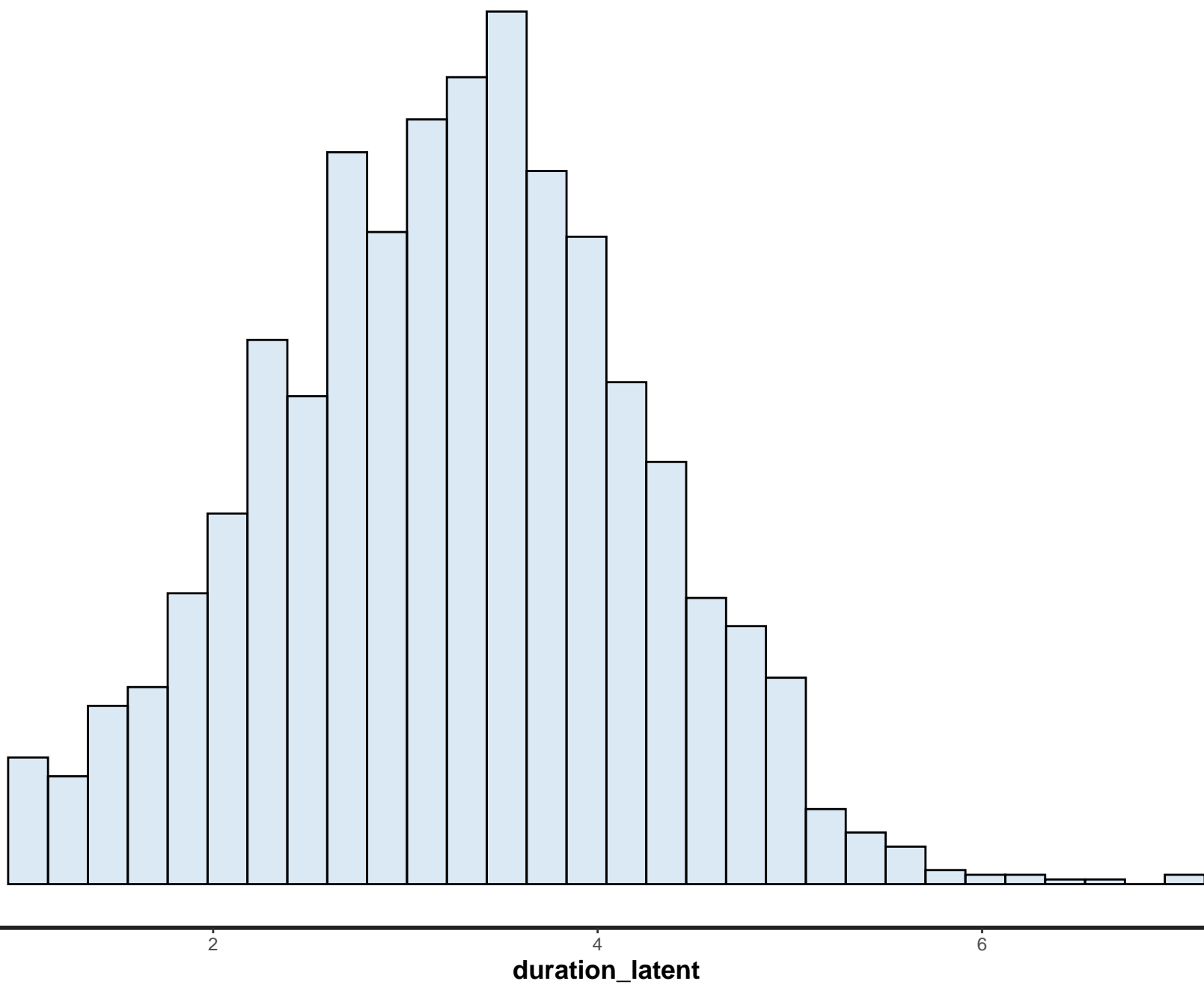
# Rt as of 2020-11-01

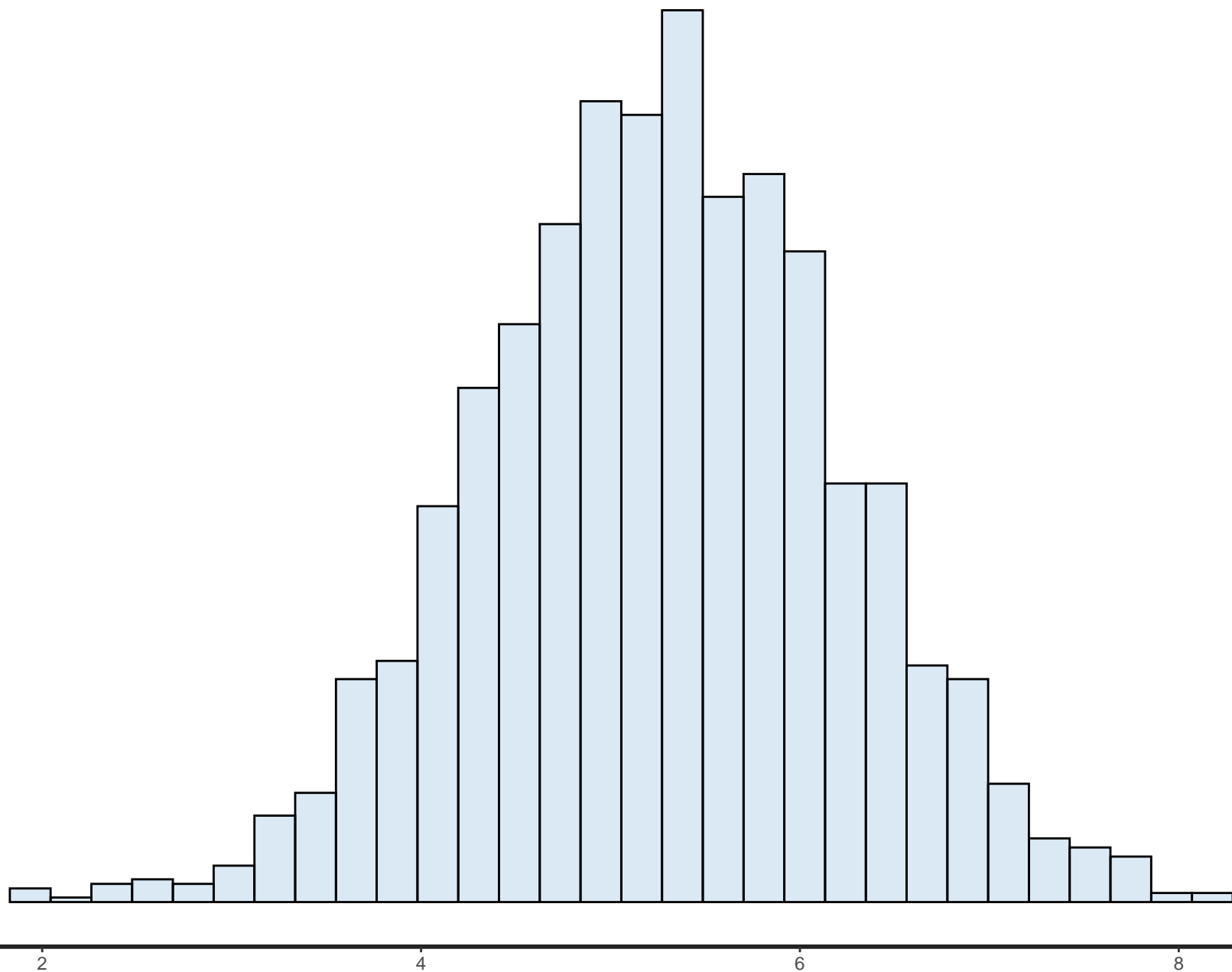
5% 10% 25% 50% 75% 90% 95%  
0.96 1.07 1.24 1.44 1.64 1.83 1.95

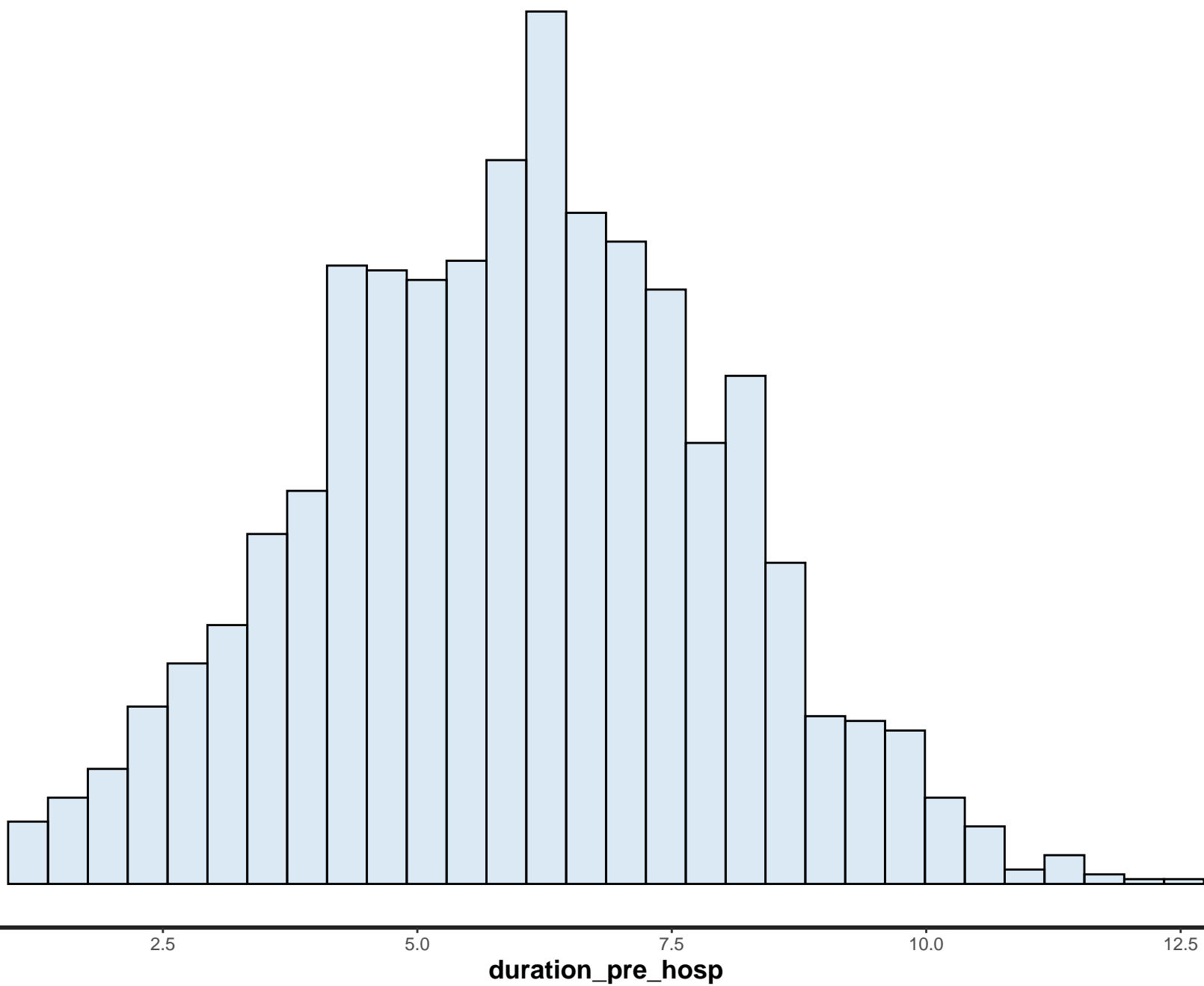


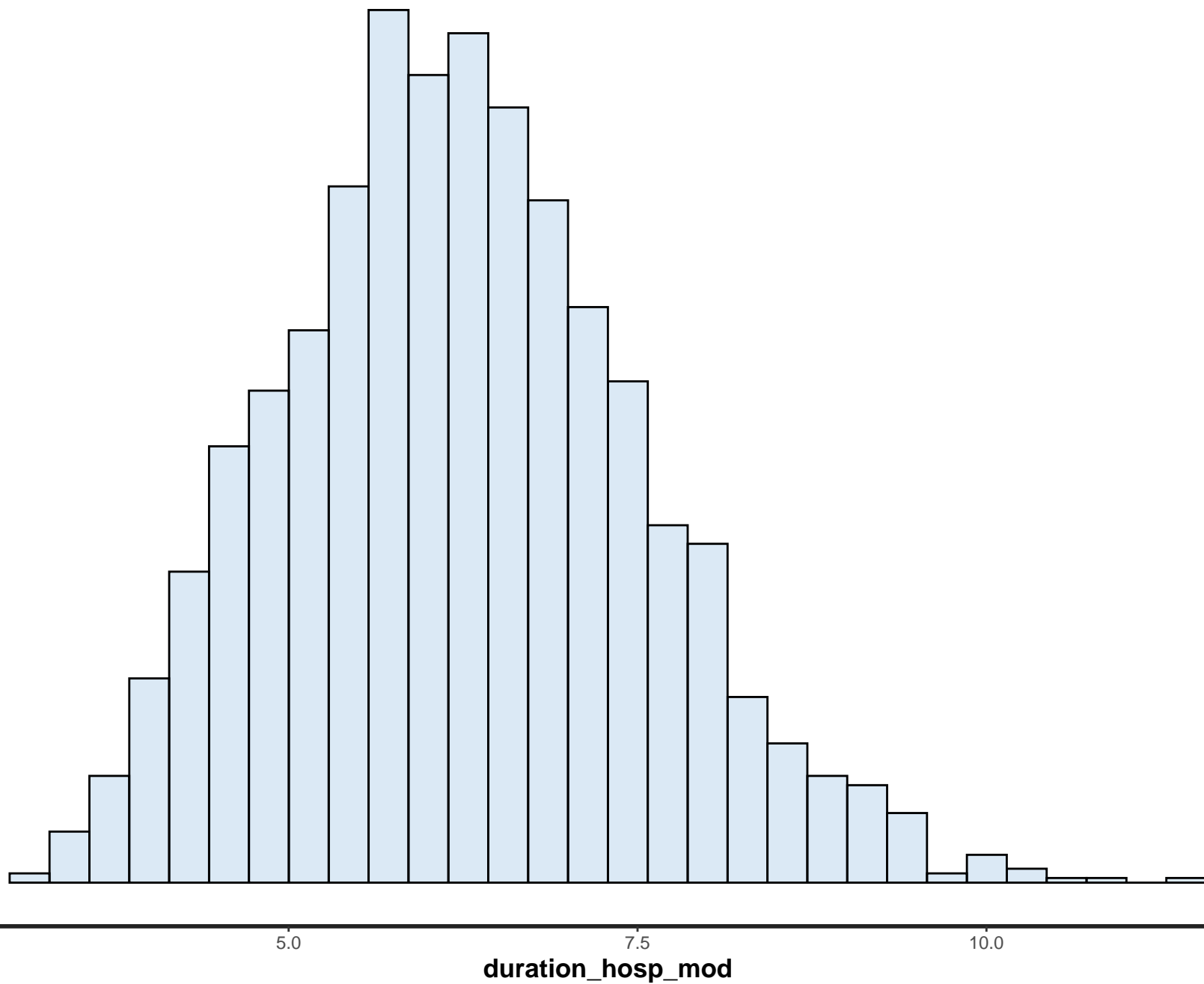


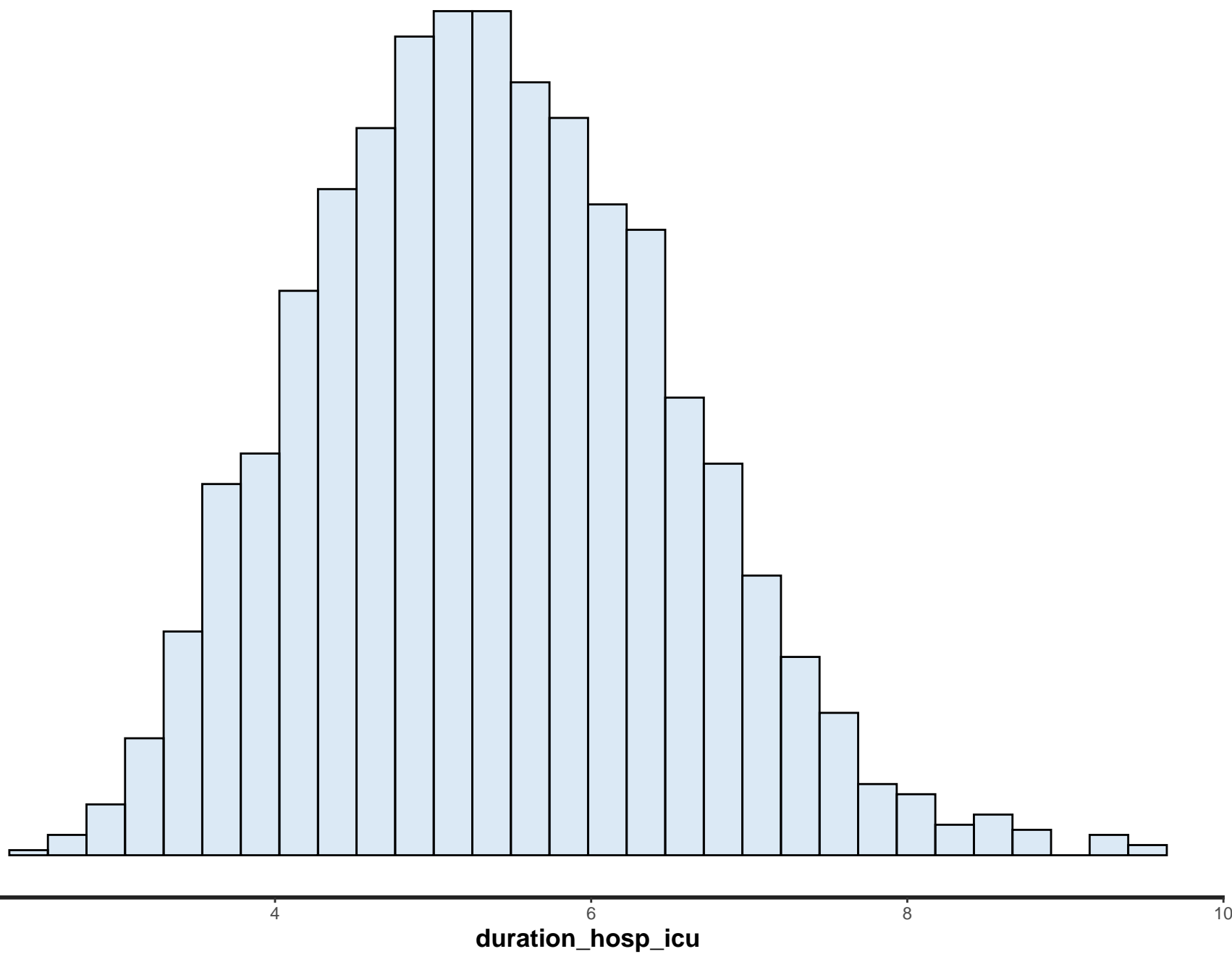


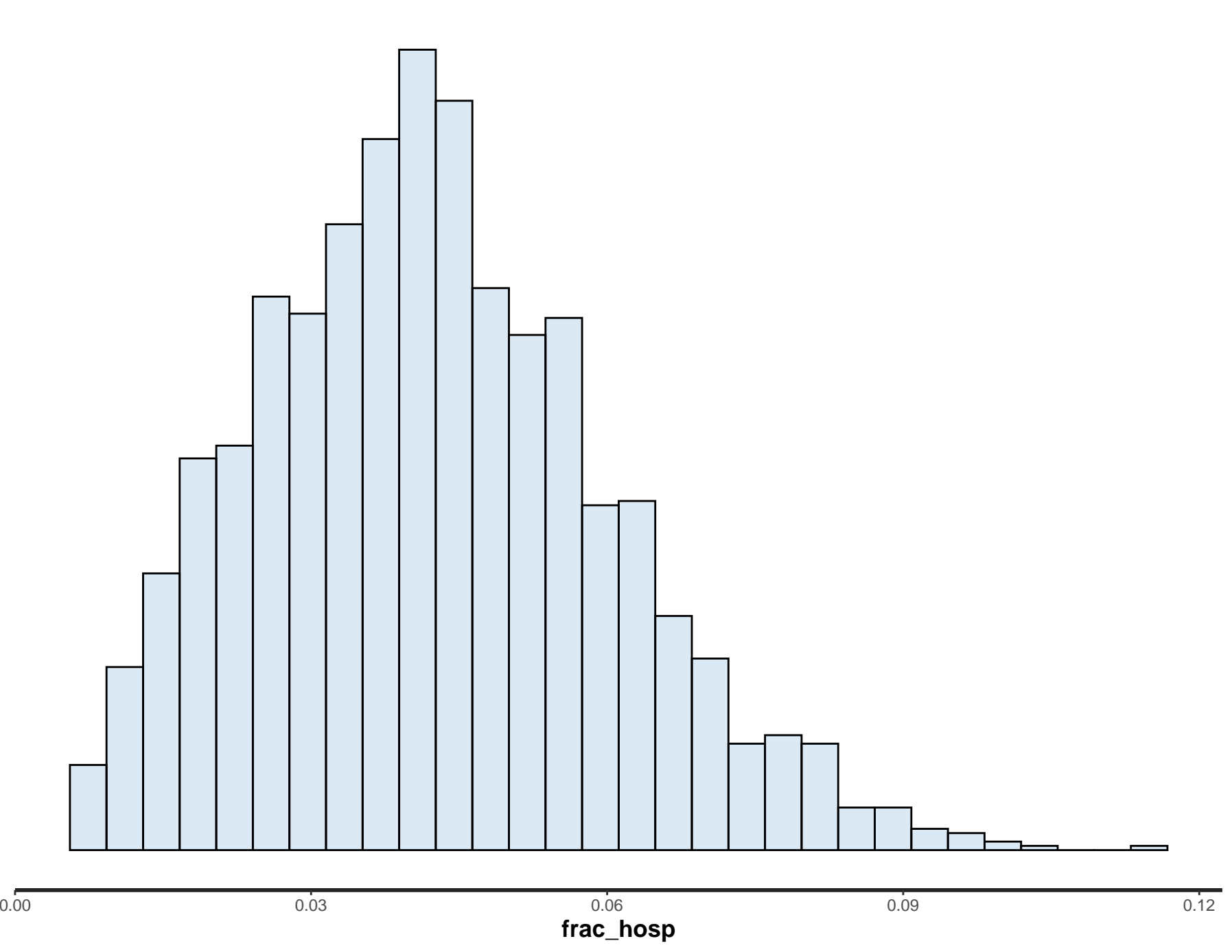


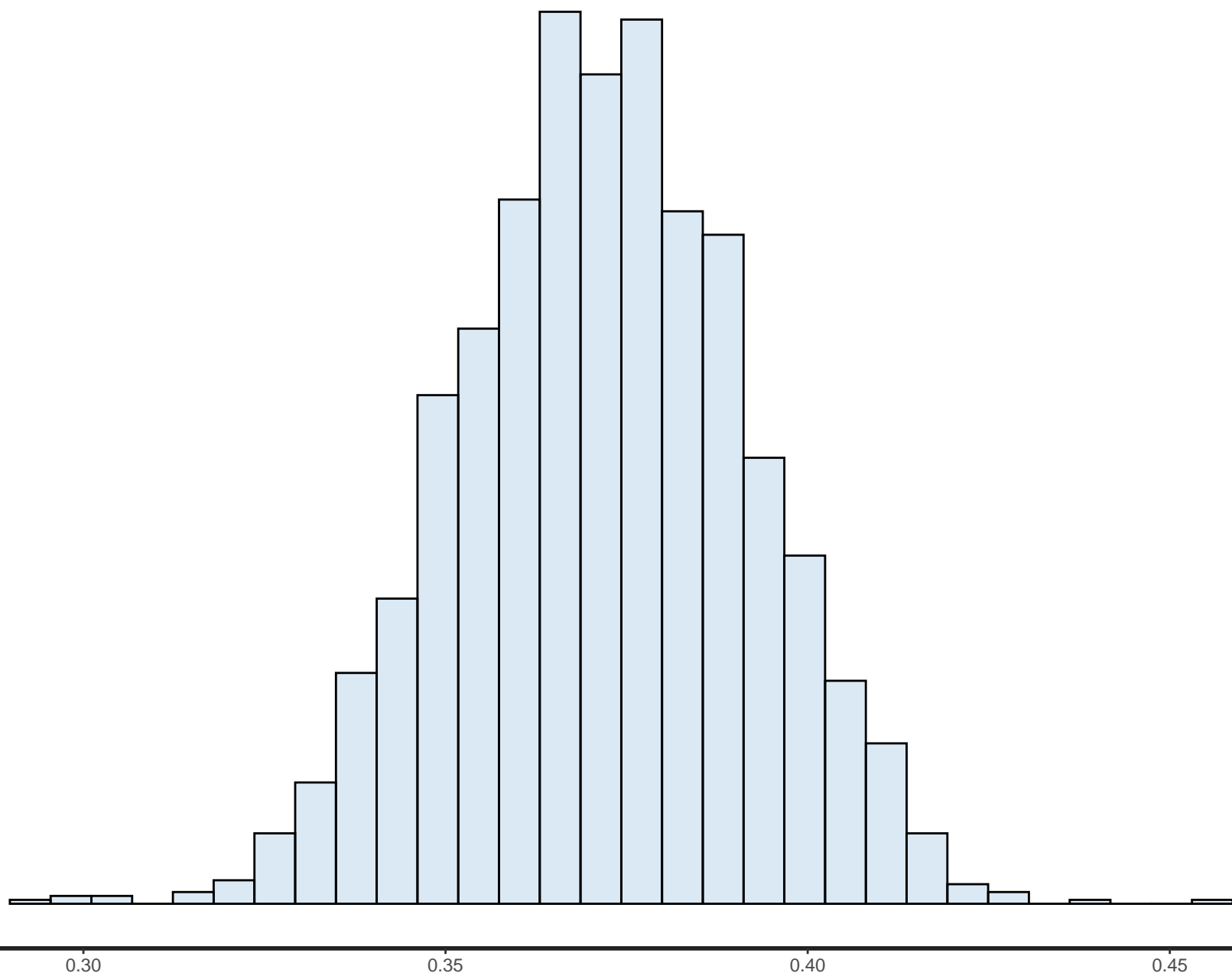




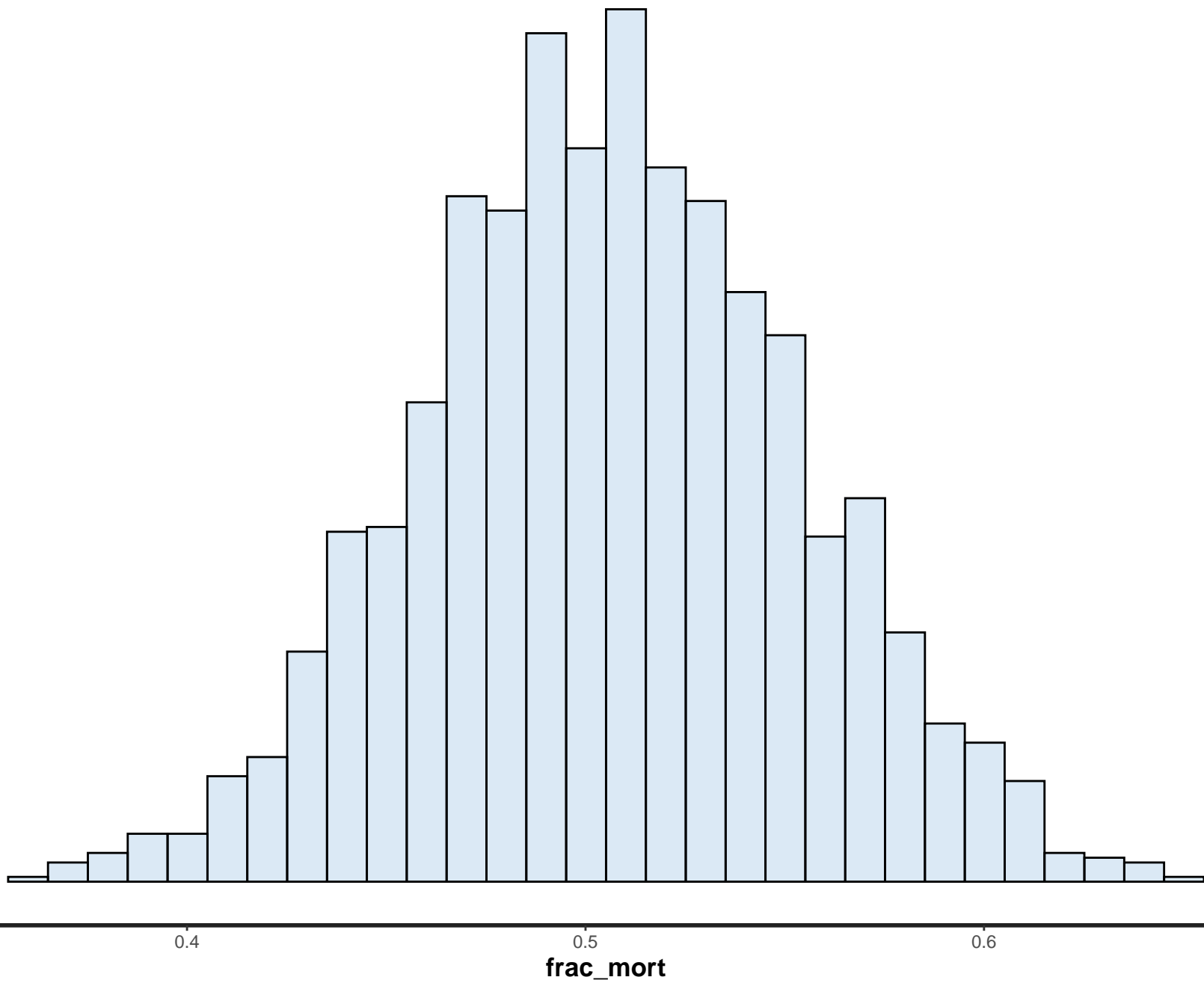




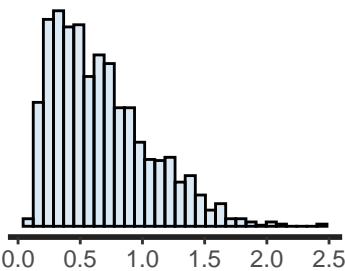




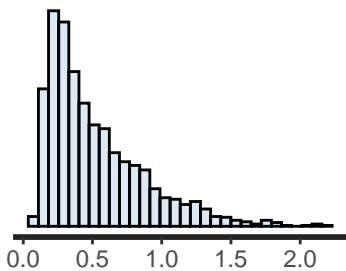




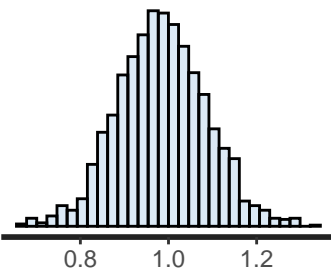
beta\_multiplier[1]



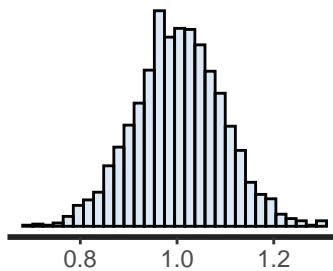
beta\_multiplier[2]



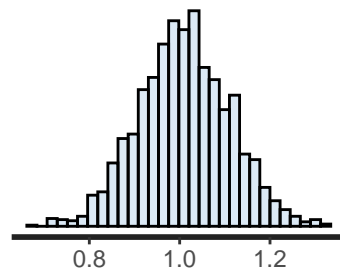
beta\_multiplier[3]



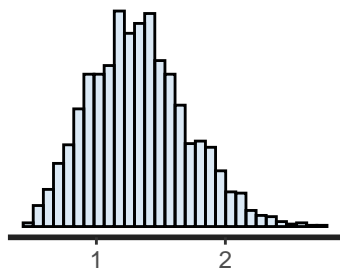
beta\_multiplier[4]



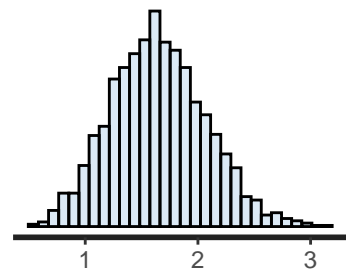
beta\_multiplier[5]



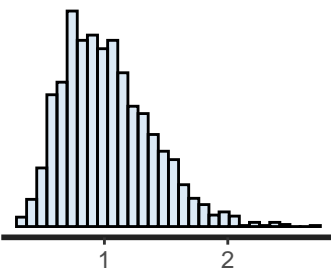
beta\_multiplier[6]



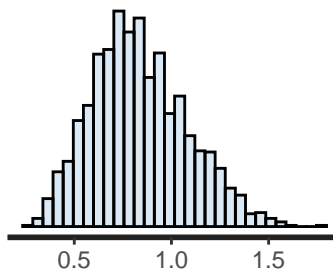
beta\_multiplier[7]



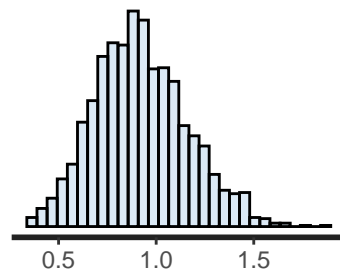
beta\_multiplier[8]



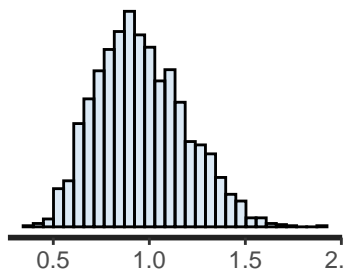
beta\_multiplier[9]



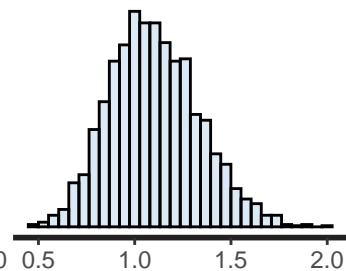
beta\_multiplier[10]



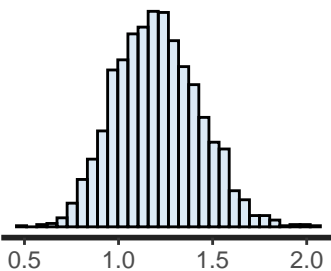
beta\_multiplier[11]



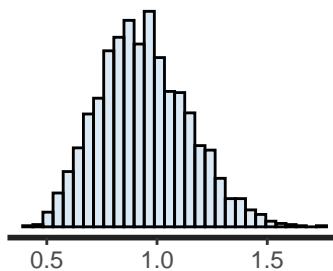
beta\_multiplier[12]



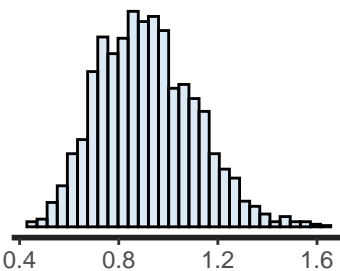
beta\_multiplier[13]



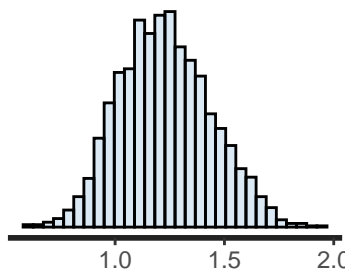
beta\_multiplier[14]



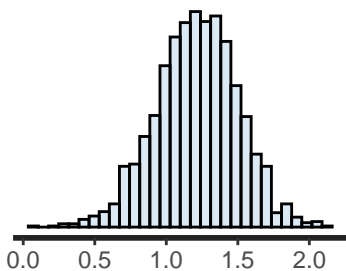
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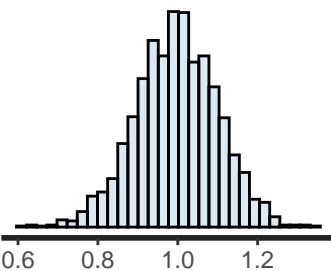
beta\_multiplier[16]



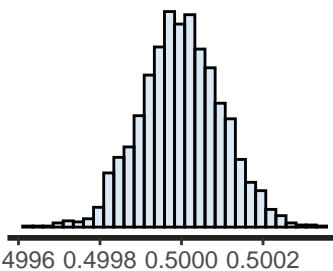
beta\_multiplier[17]

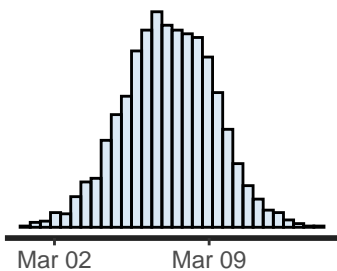
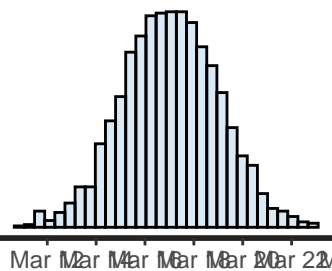
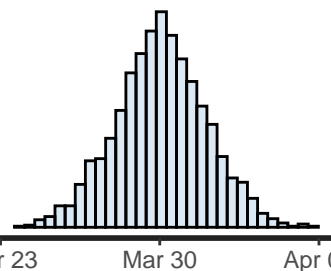
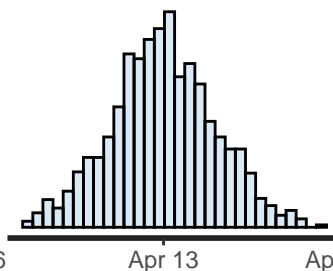
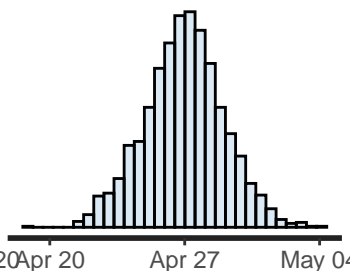
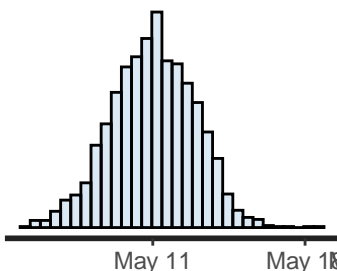
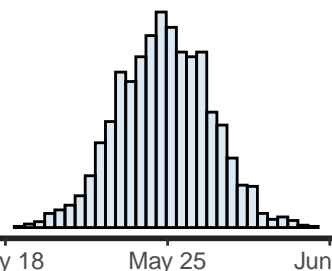
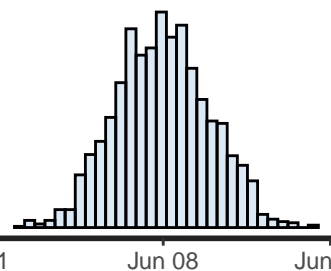
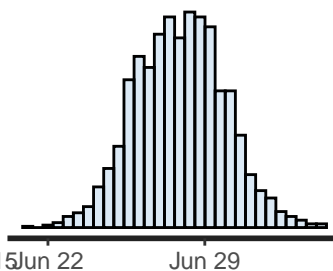
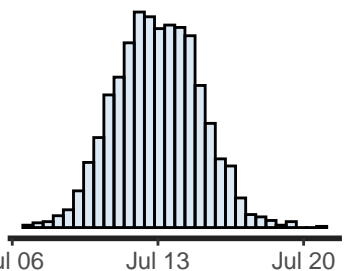
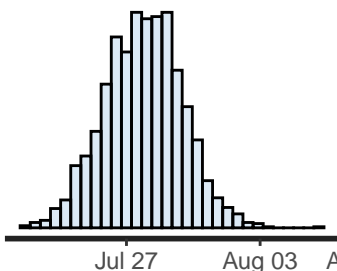
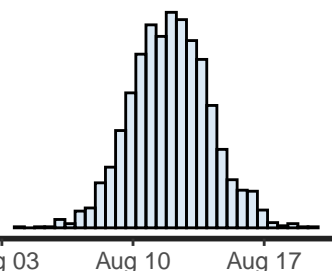
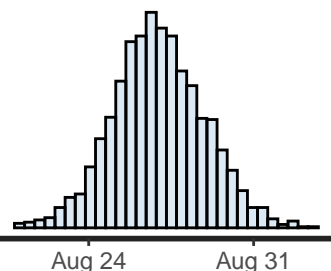
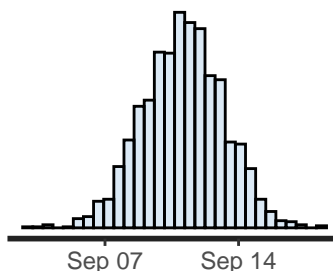
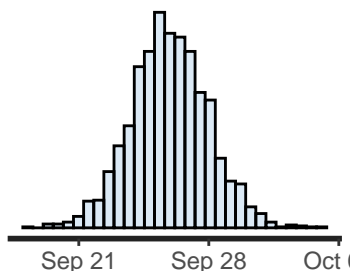
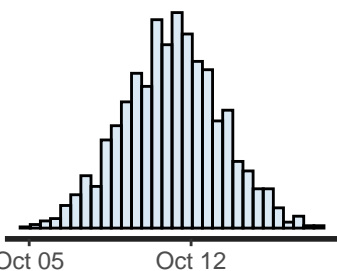
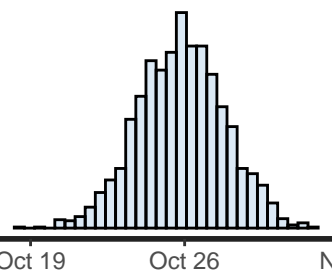
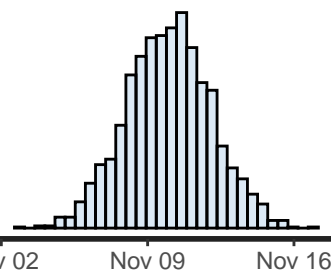
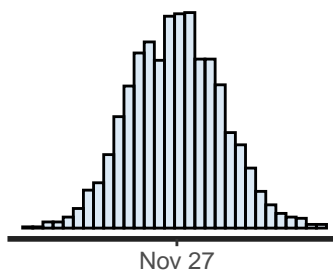


beta\_multiplier[18]



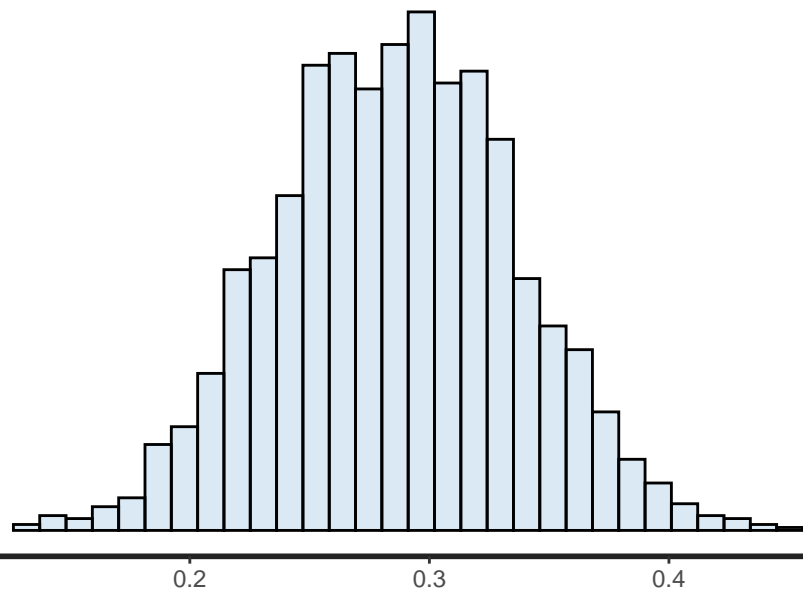
beta\_multiplier[19]



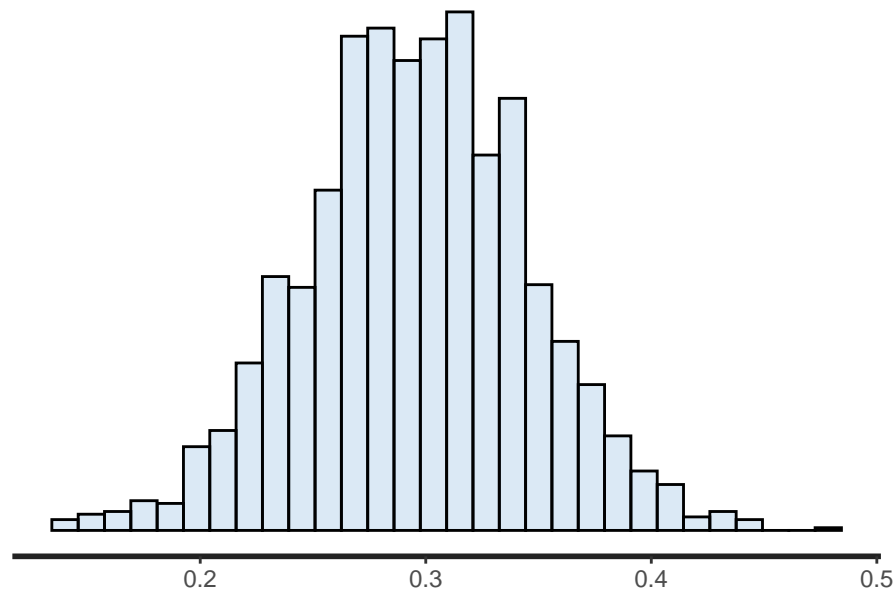
**t\_inter[1]****t\_inter[2]****t\_inter[3]****t\_inter[4]****t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]****t\_inter[9]****t\_inter[10]****t\_inter[11]****t\_inter[12]****t\_inter[13]****t\_inter[14]****t\_inter[15]****t\_inter[16]****t\_inter[17]****t\_inter[18]****t\_inter[19]**



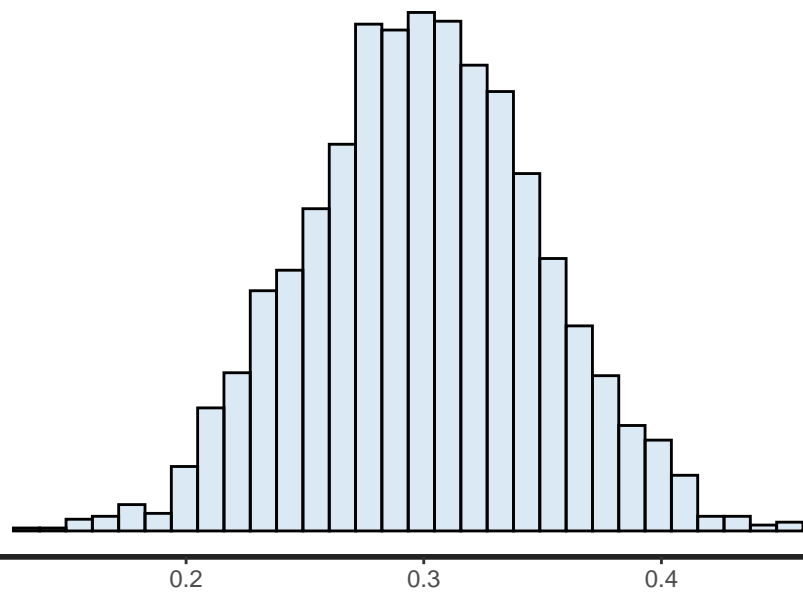
frac\_PUI[1]



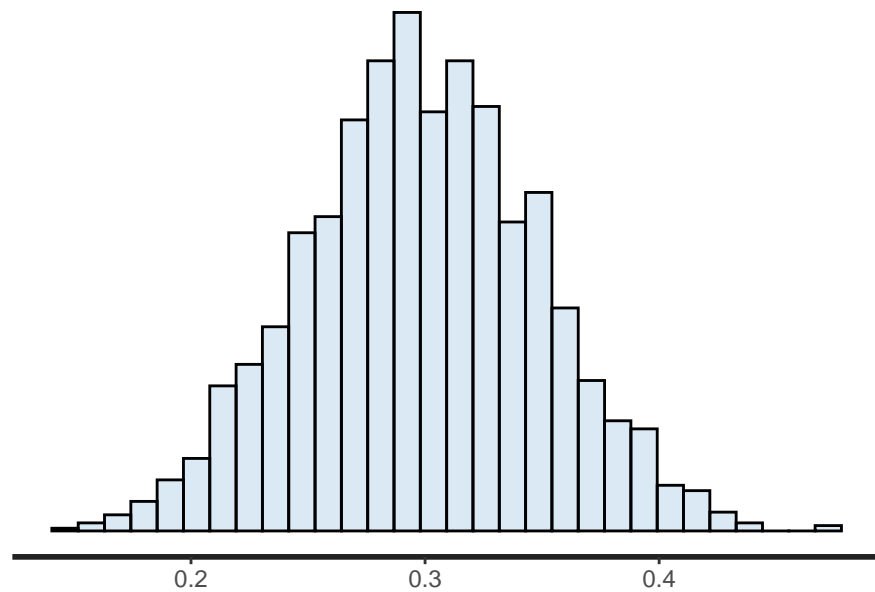
frac\_PUI[2]

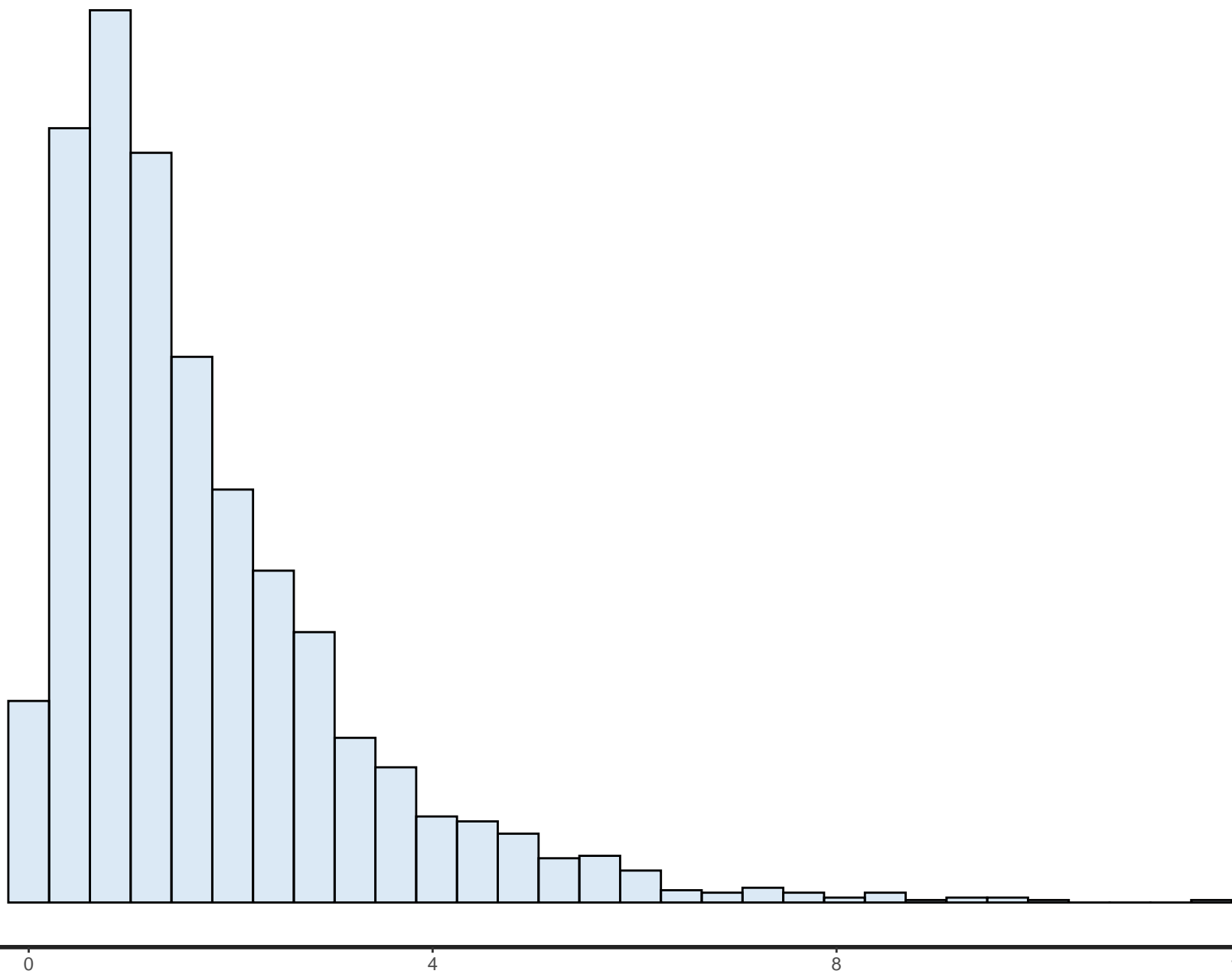


frac\_PUI[3]

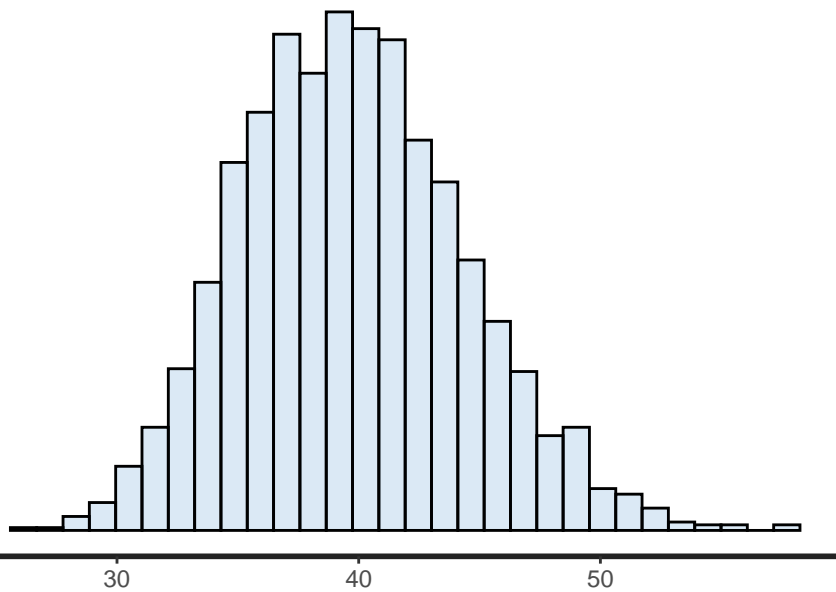


frac\_PUI[4]

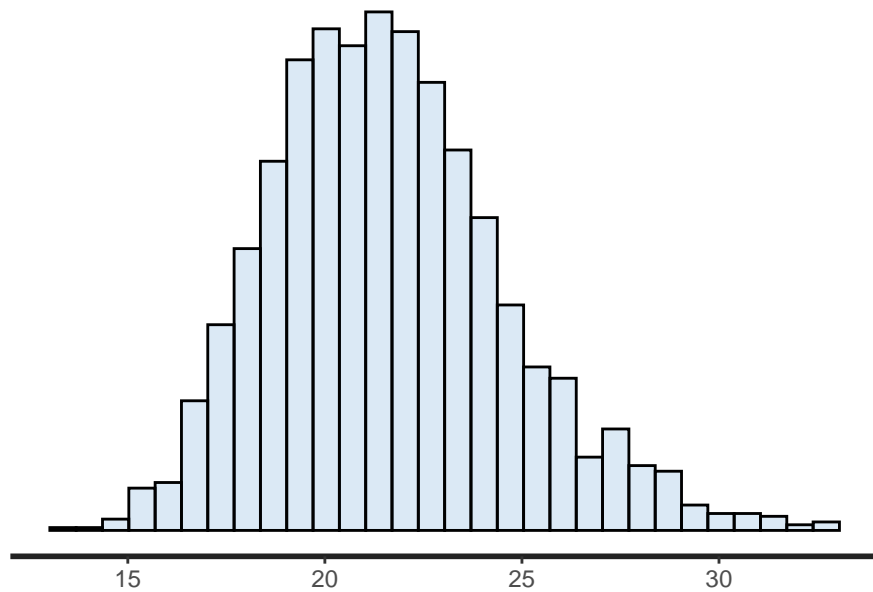




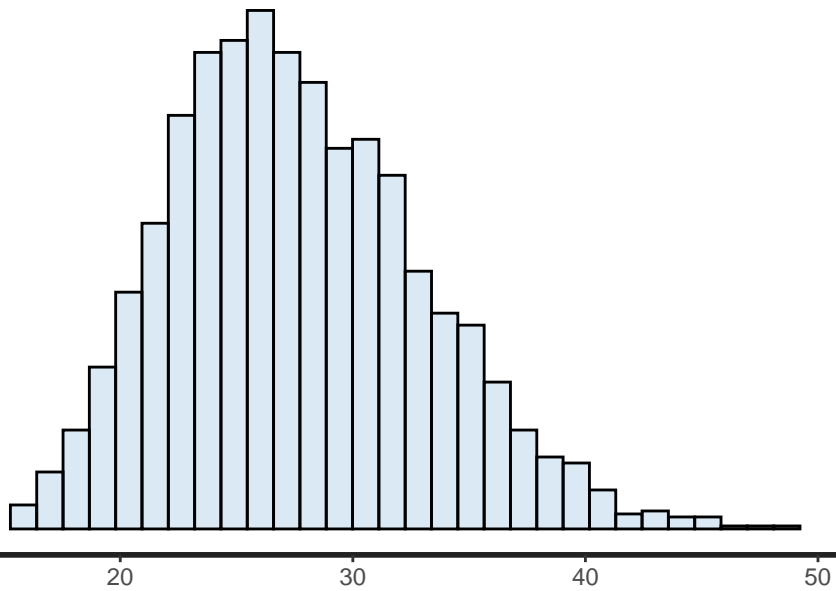
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

