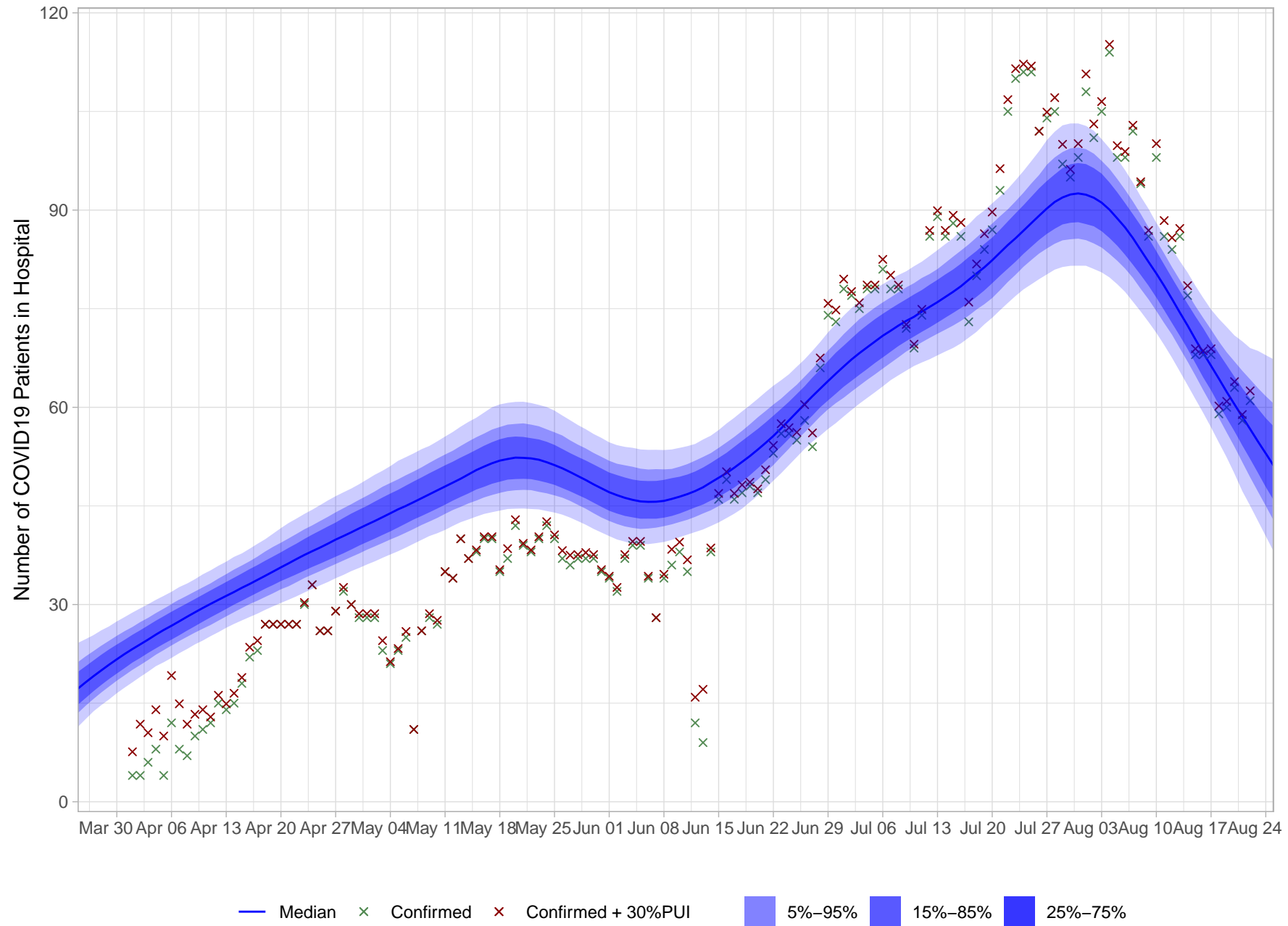
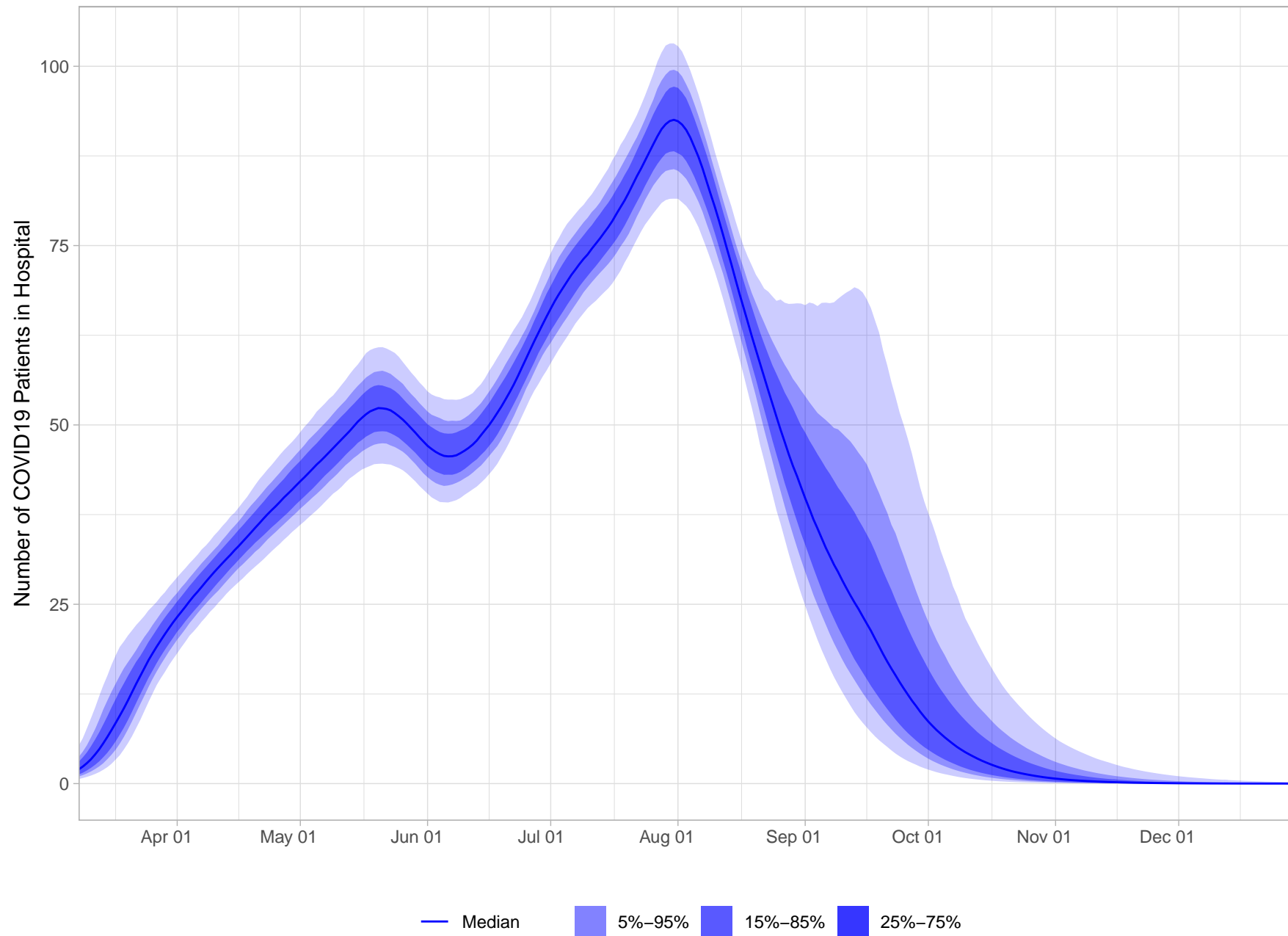


# Short Term Hospitalization Projection

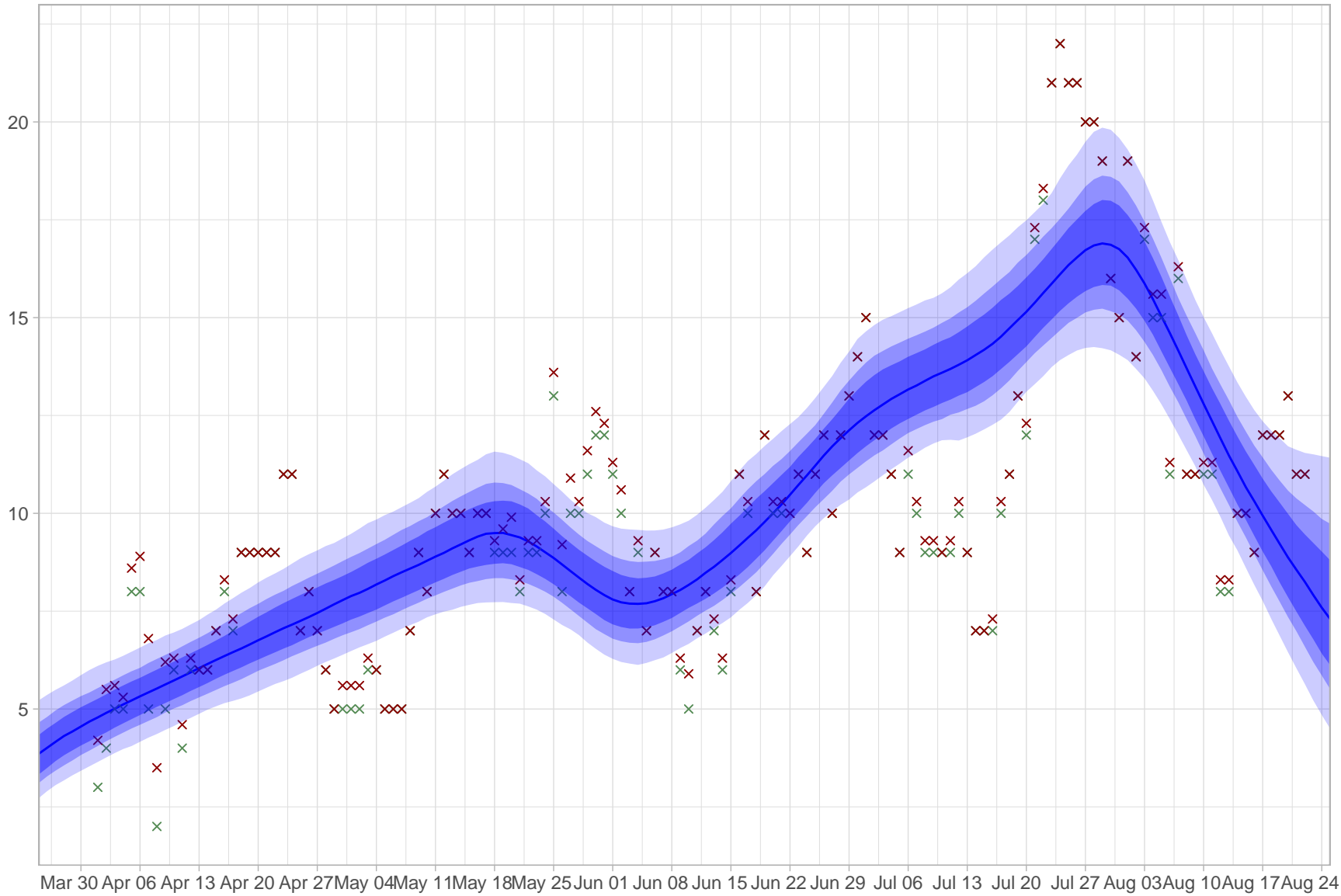


# Long Term Hospitalization Projection



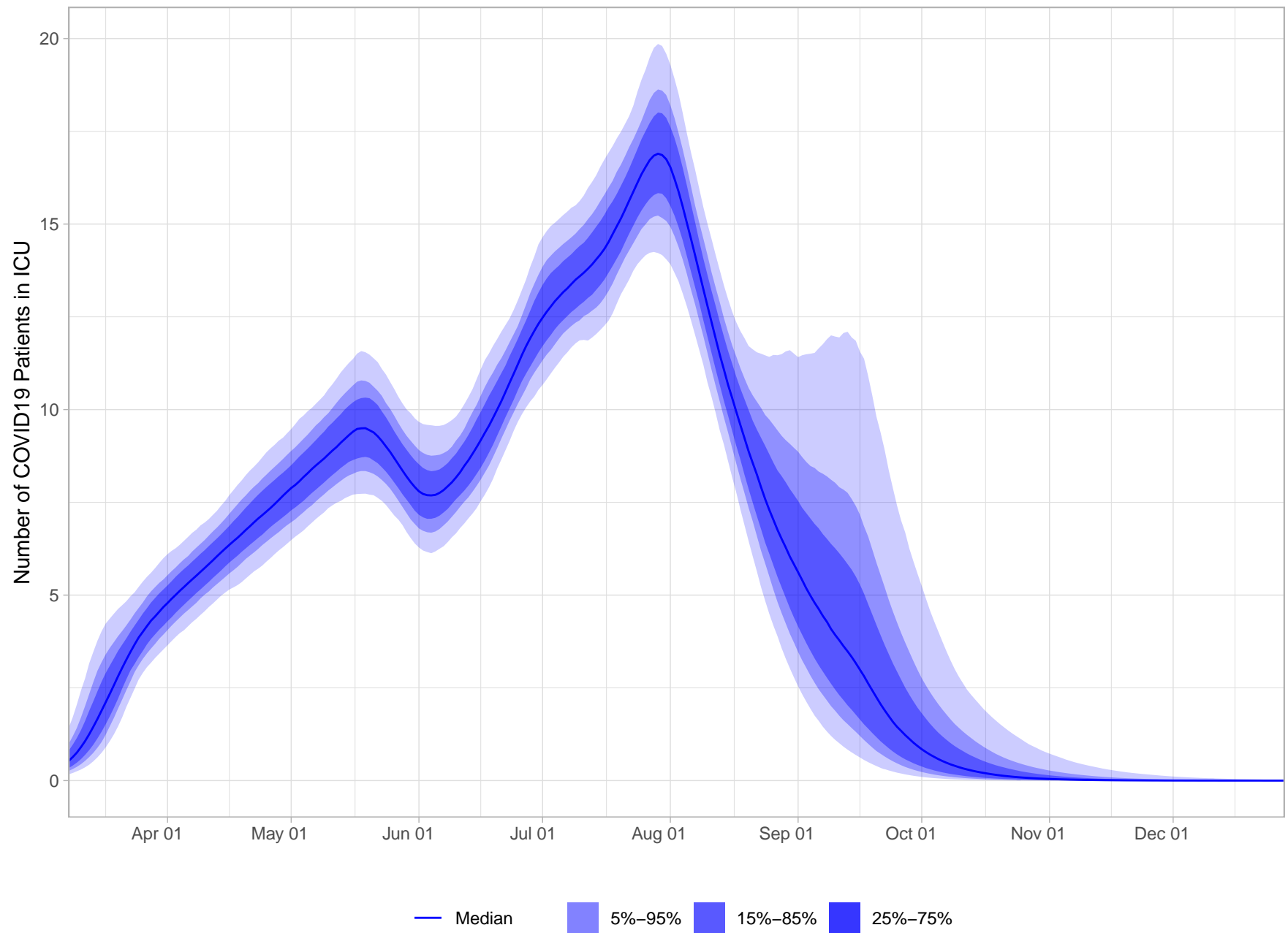
# Short Term ICU Projection

Number of COVID19 Patients in ICU



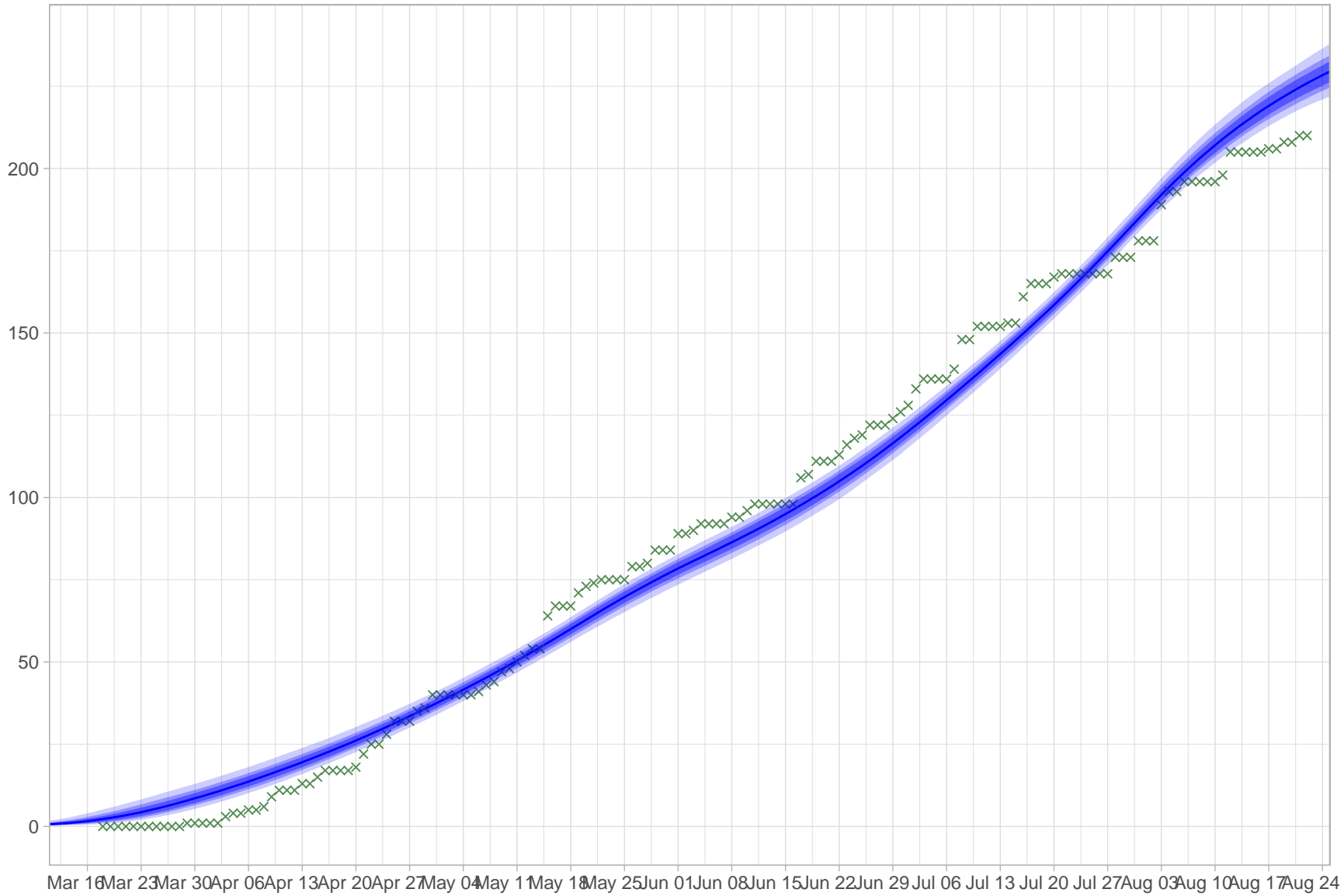
— Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

# Long Term ICU Projection



# Short Term Death Projection

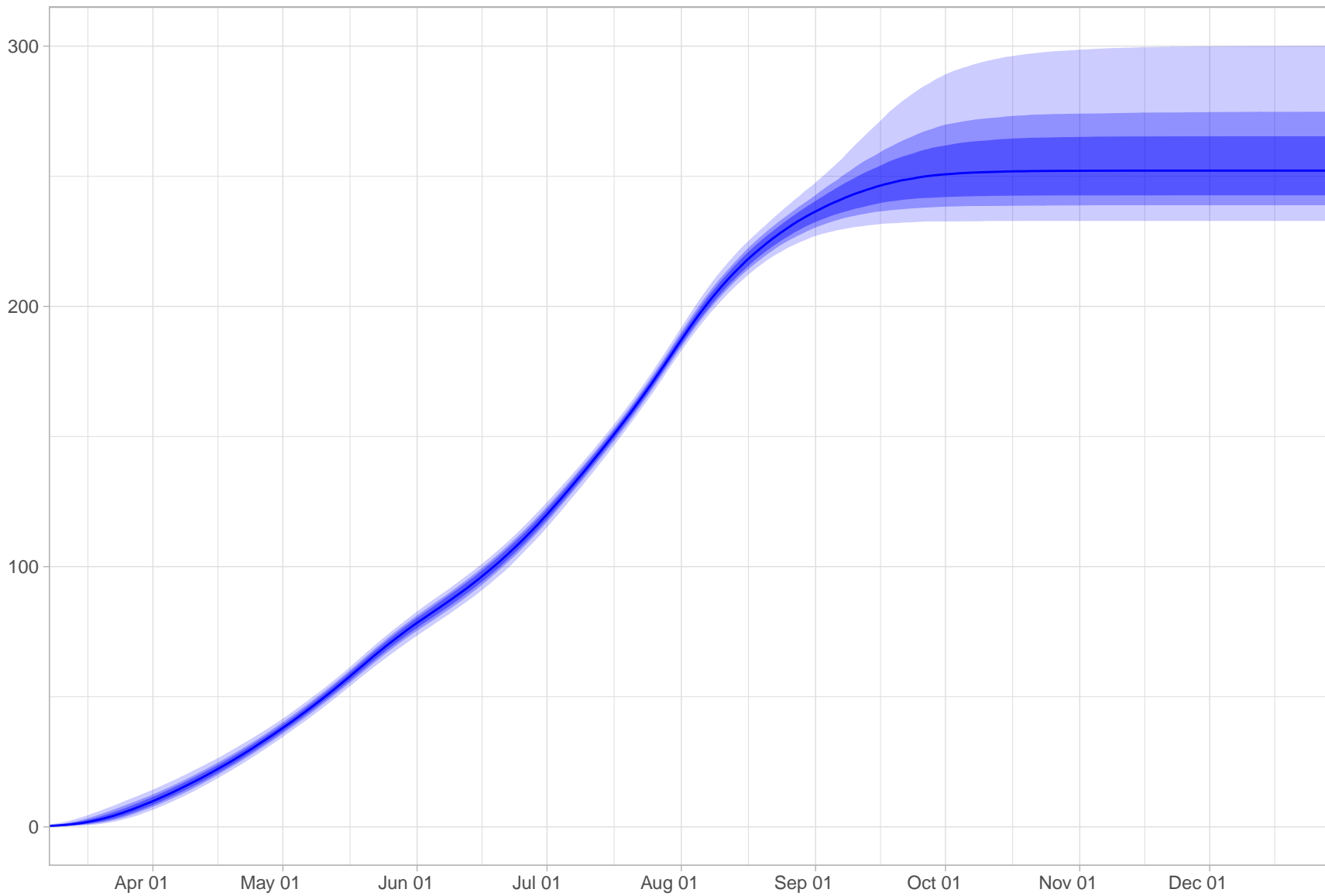
Number of COVID19 Deaths



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

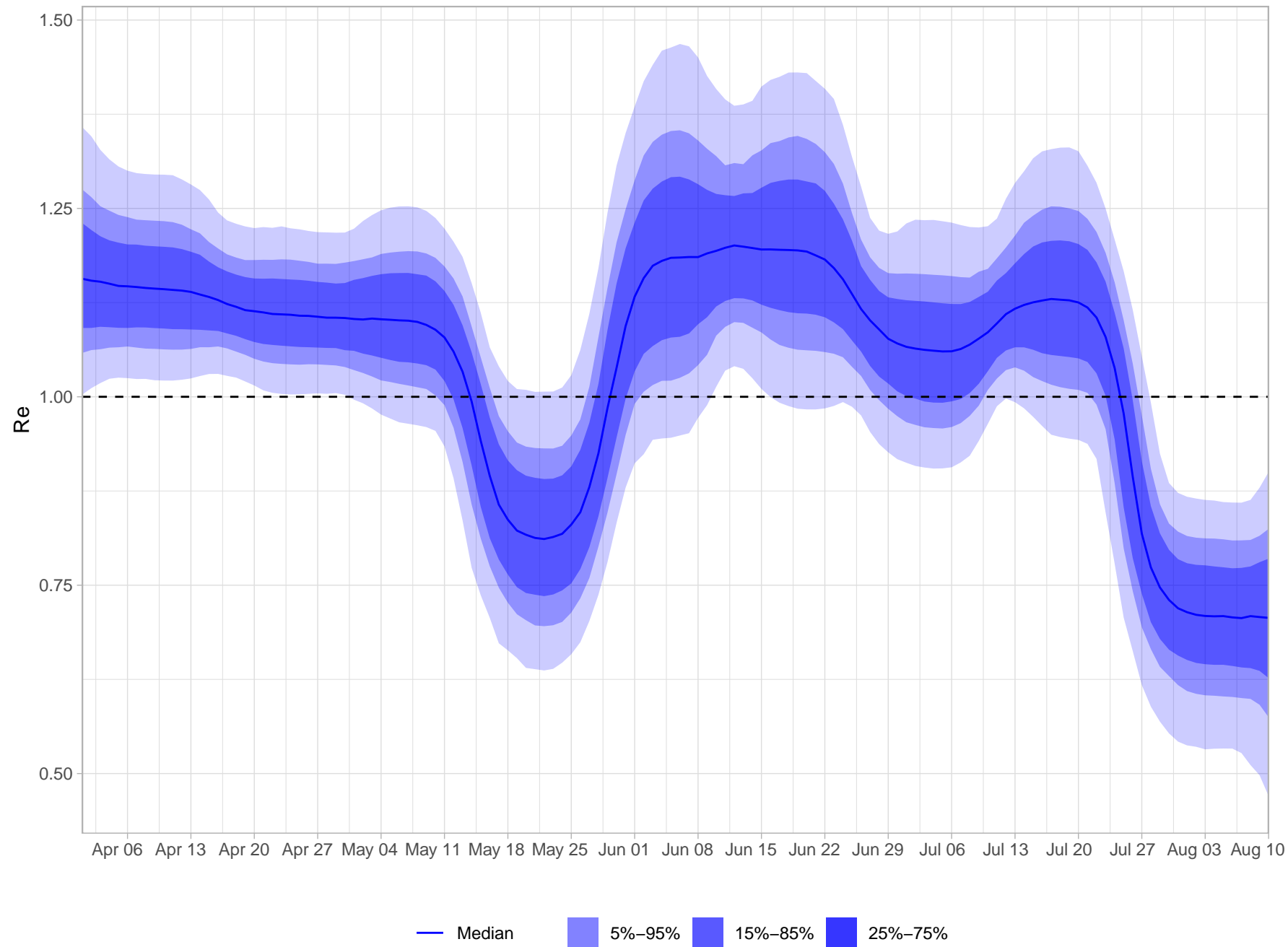
# Long Term Death Projection

Number of COVID19 Deaths



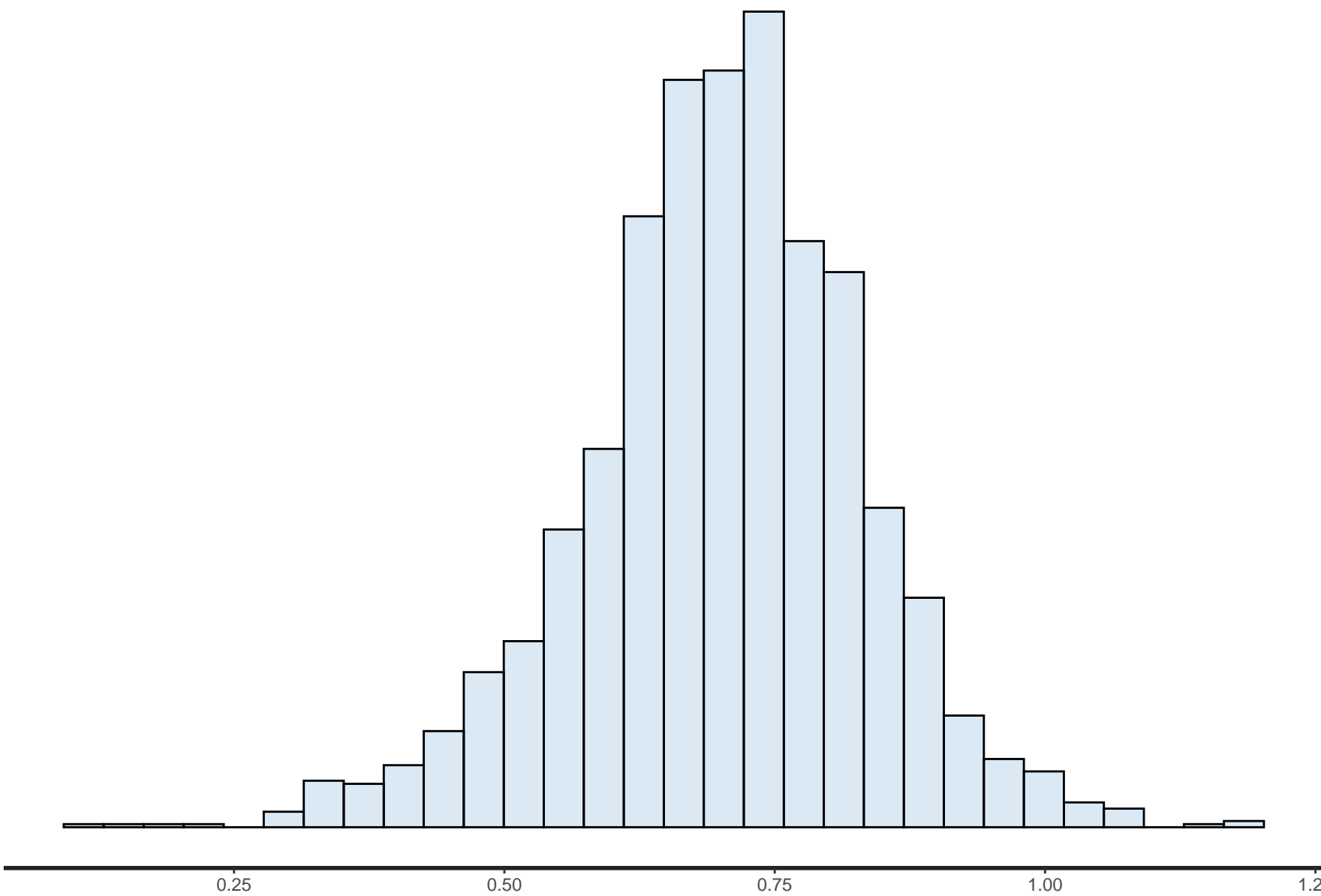
— Median    5%-95%    15%-85%    25%-75%

# Effective Reproduction Number

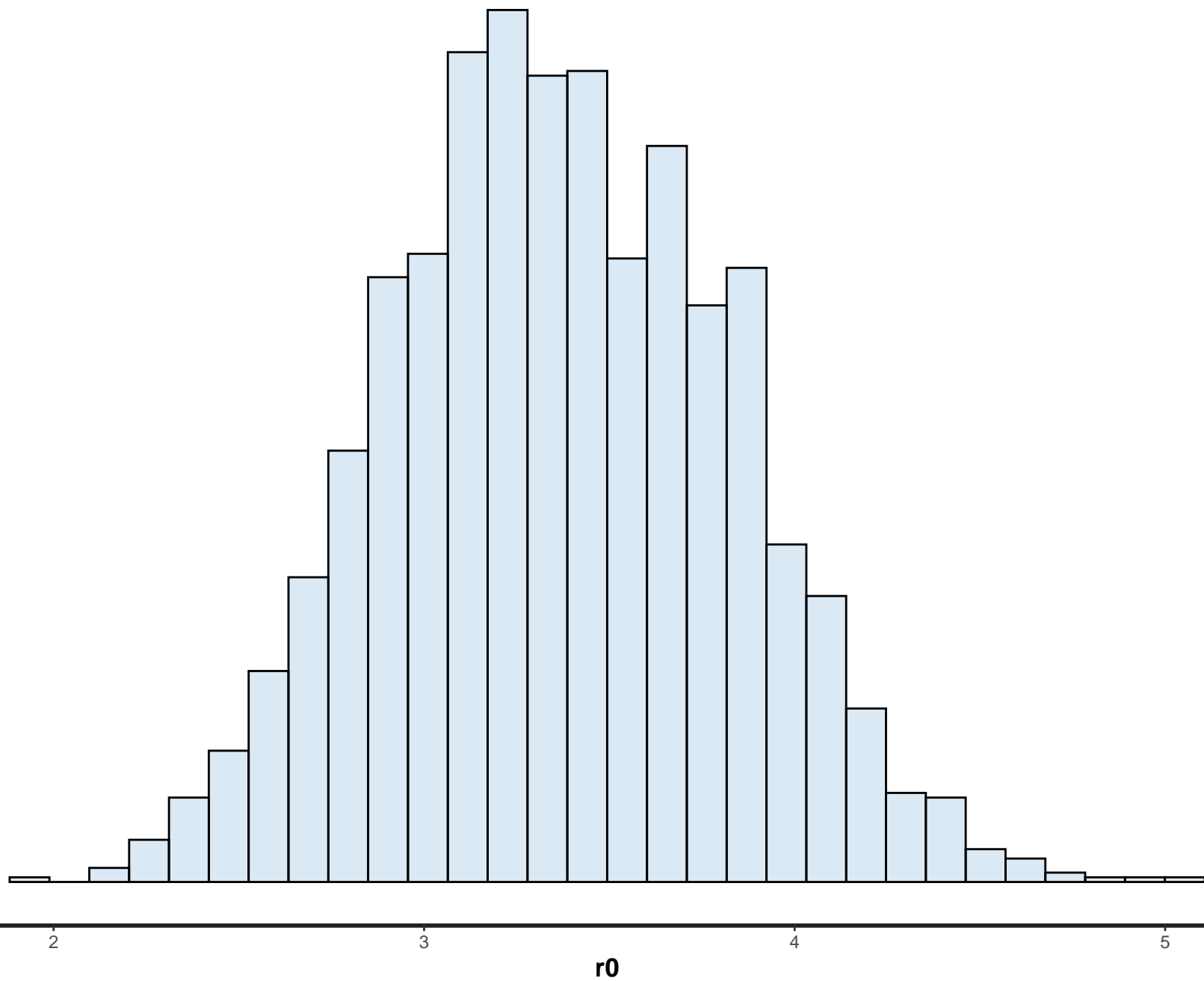


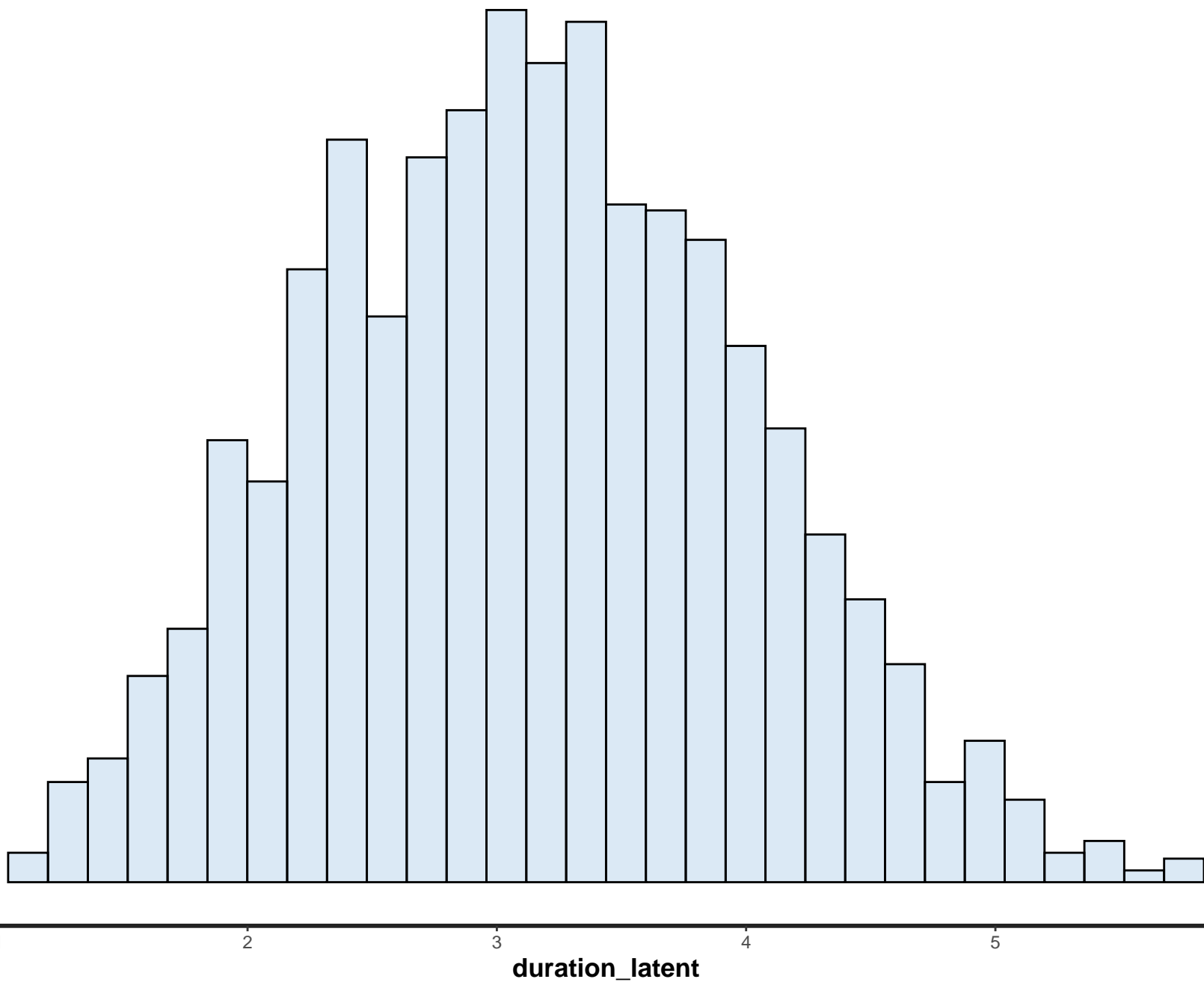
# Rt as of 2020-08-10

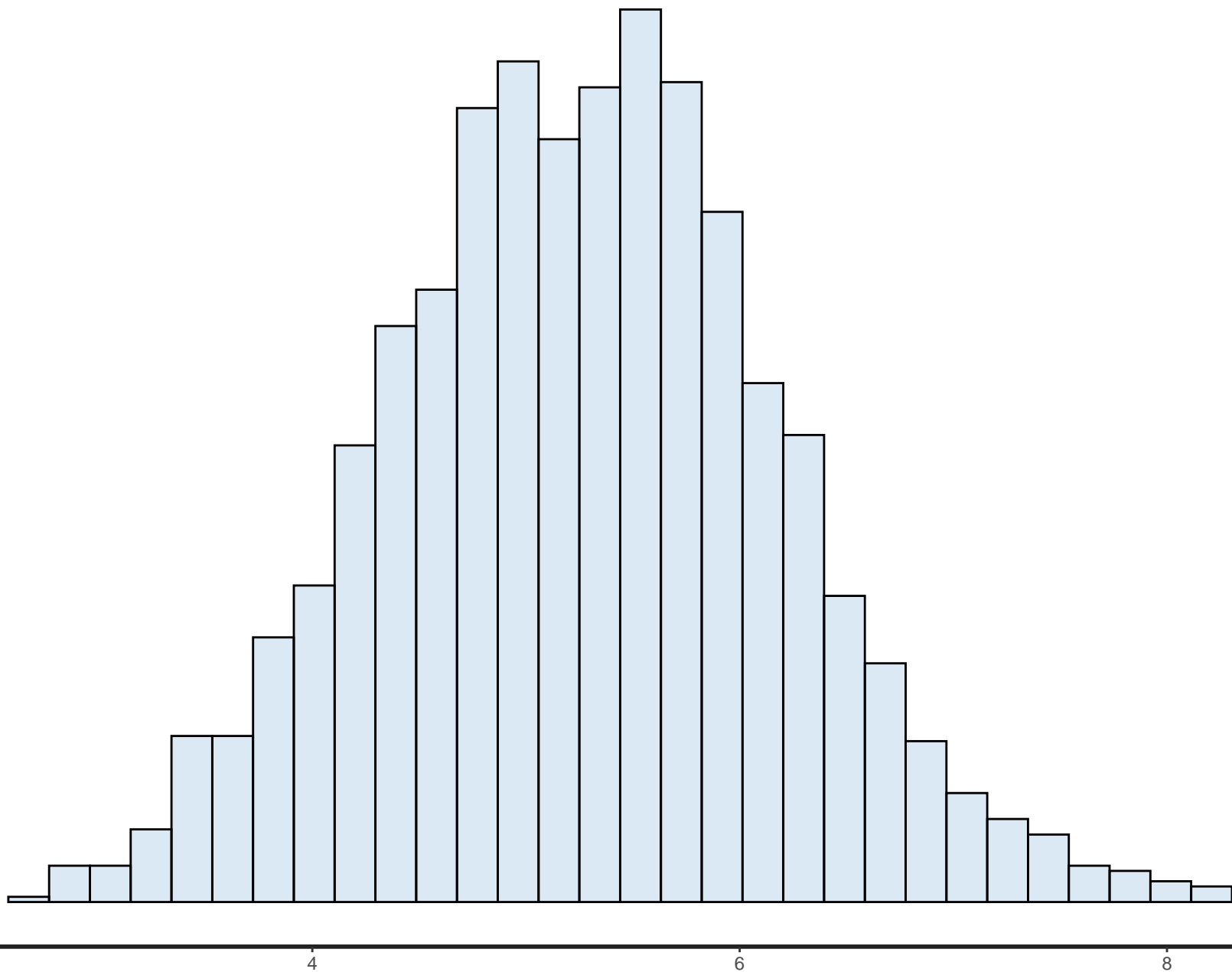
5% 10% 25% 50% 75% 90% 95%  
0.47 0.54 0.63 0.71 0.79 0.86 0.90

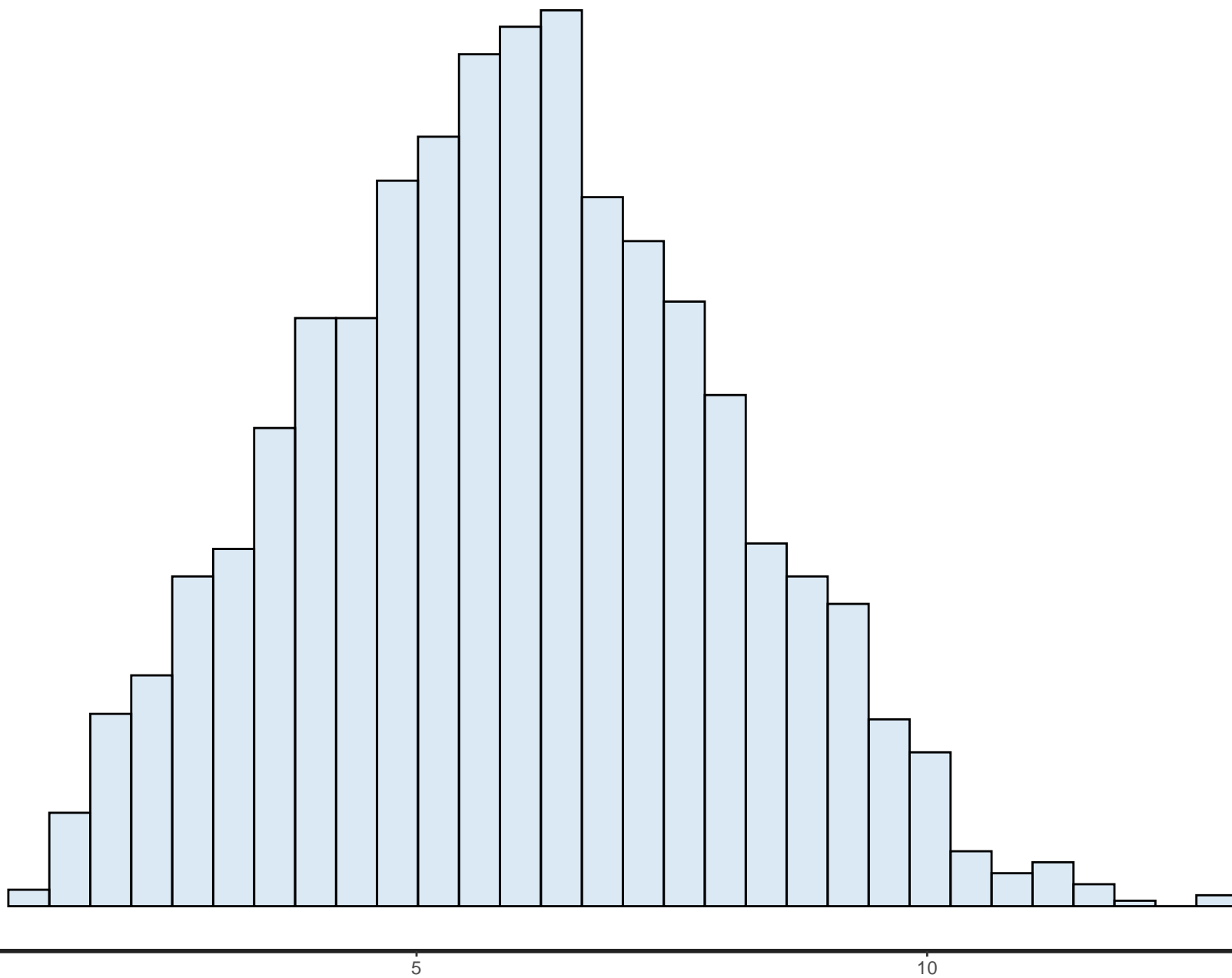


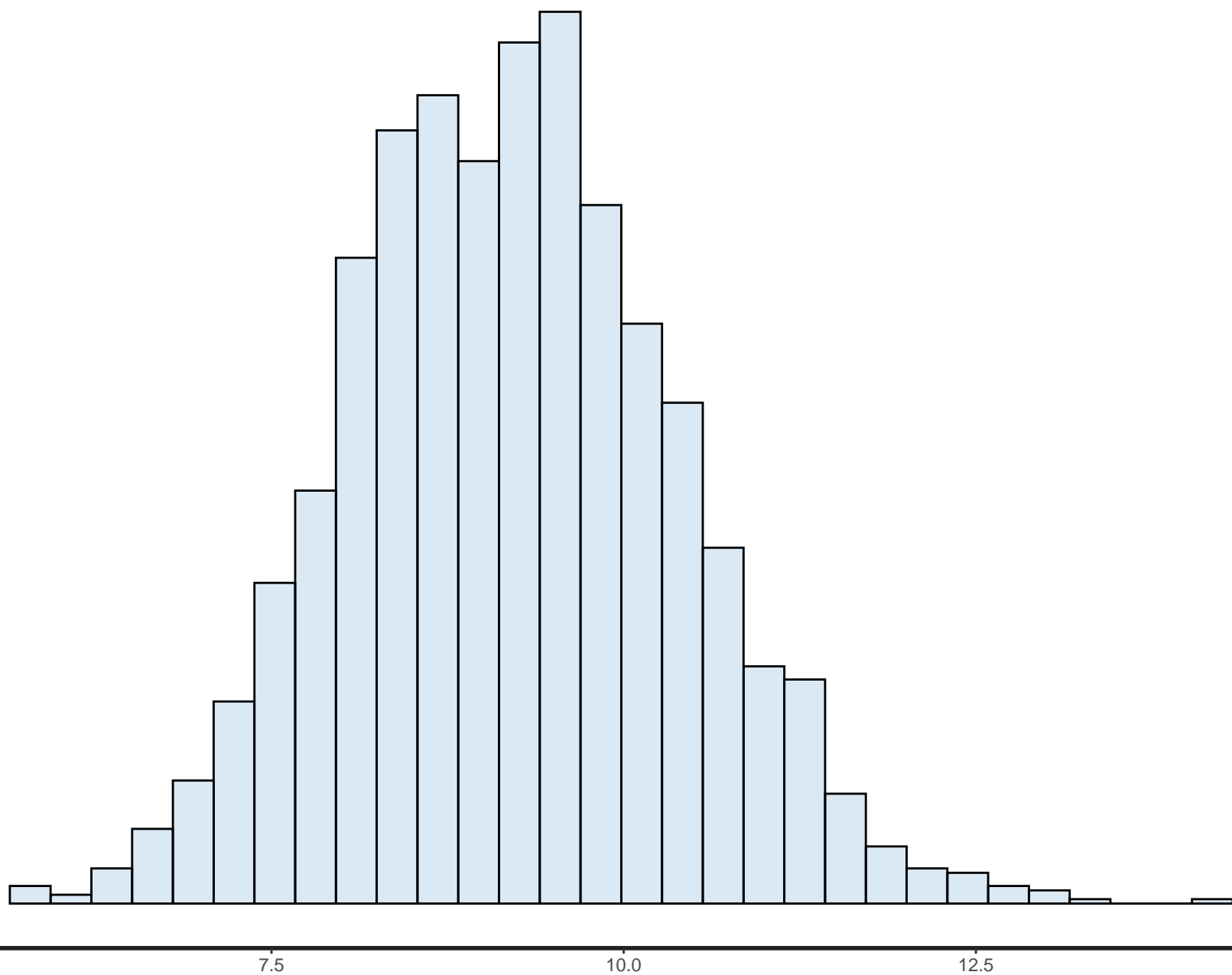


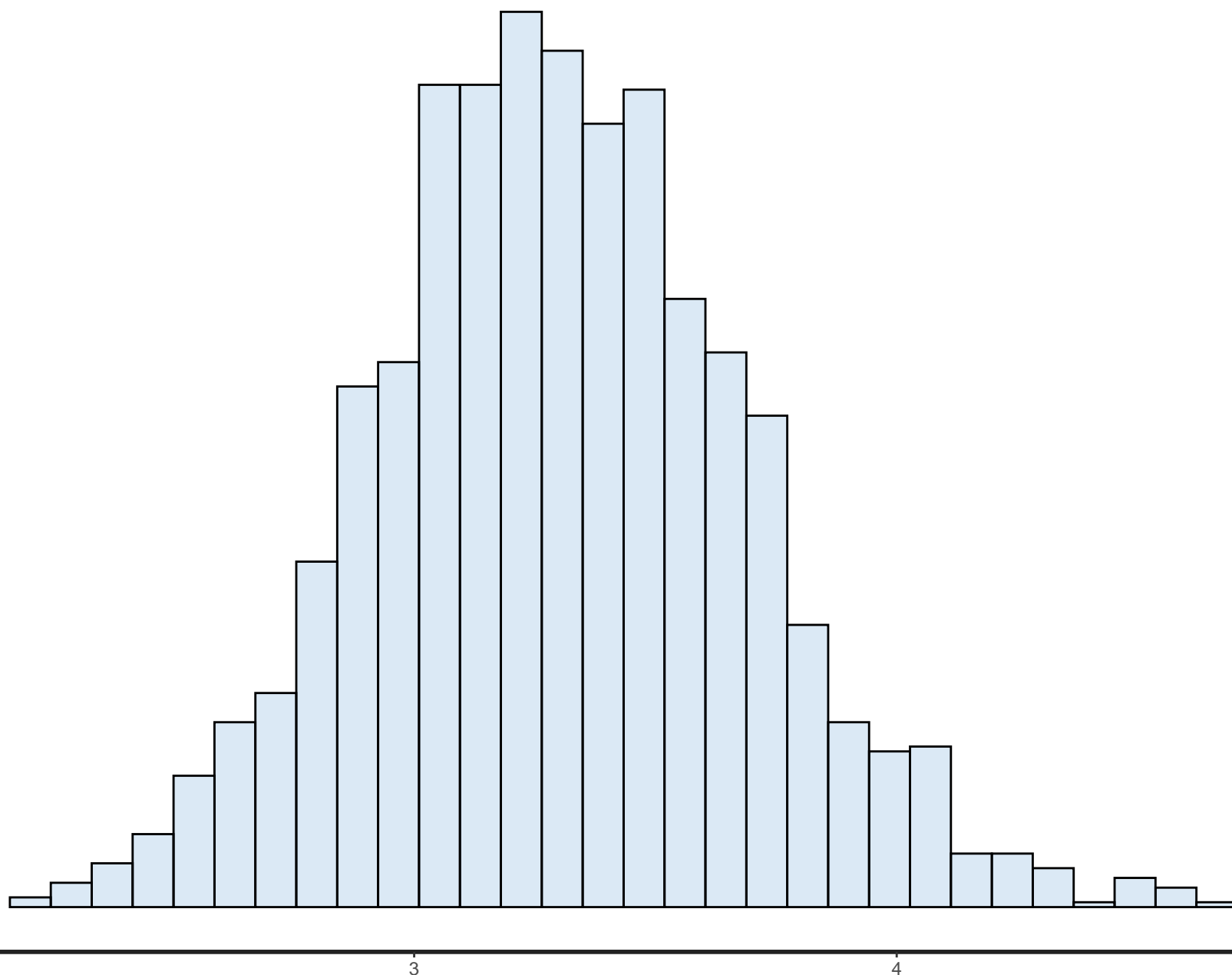


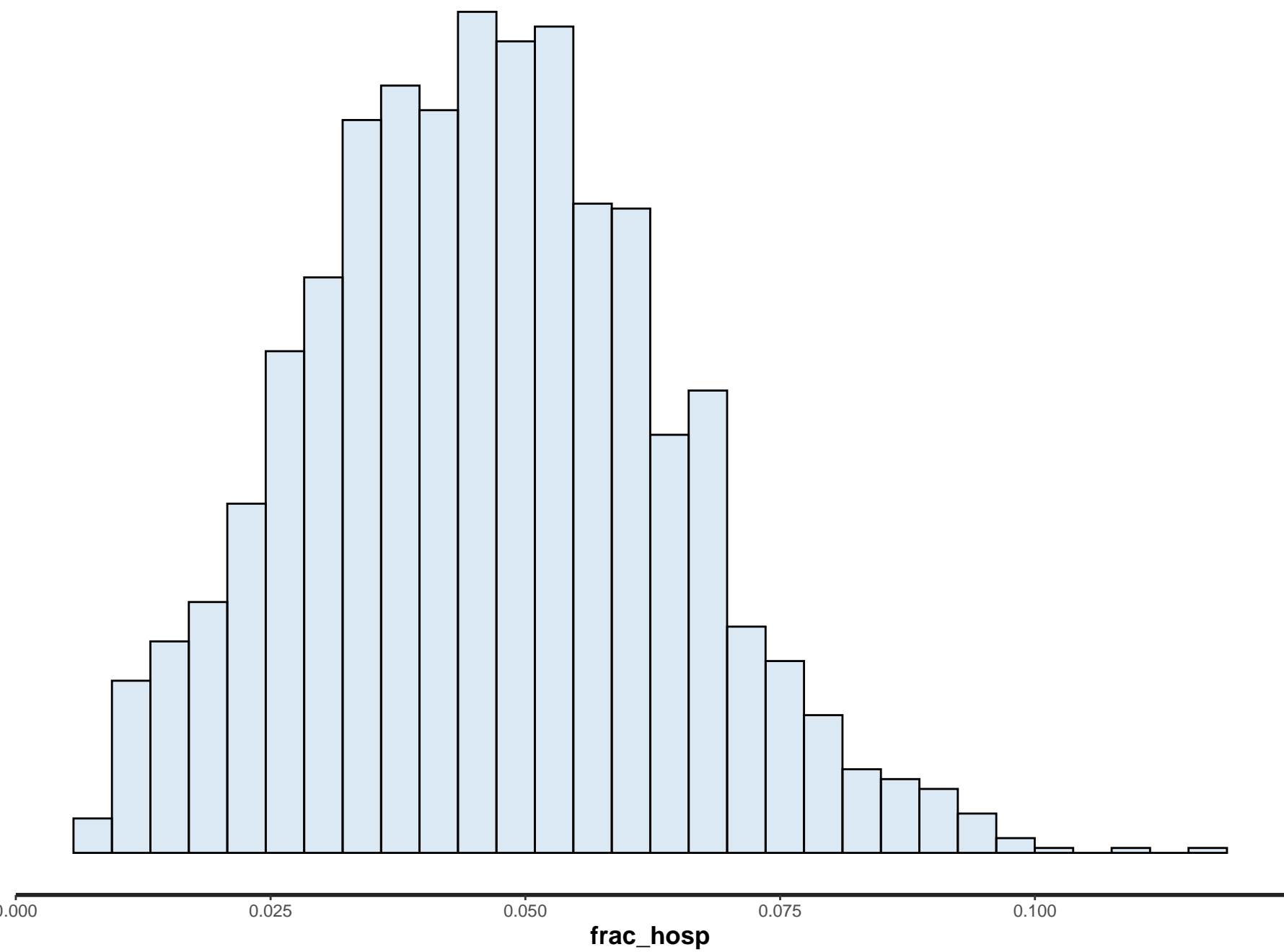


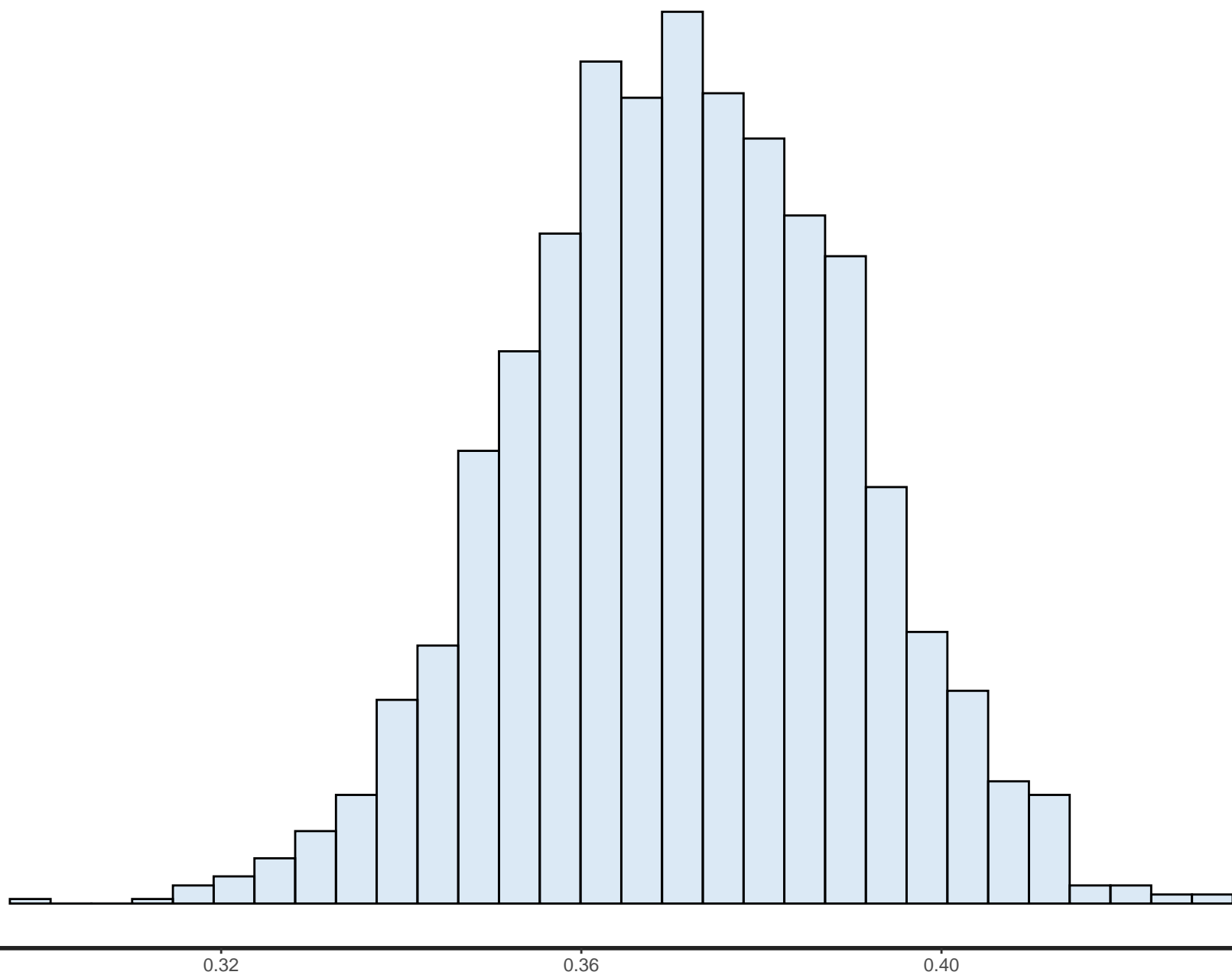




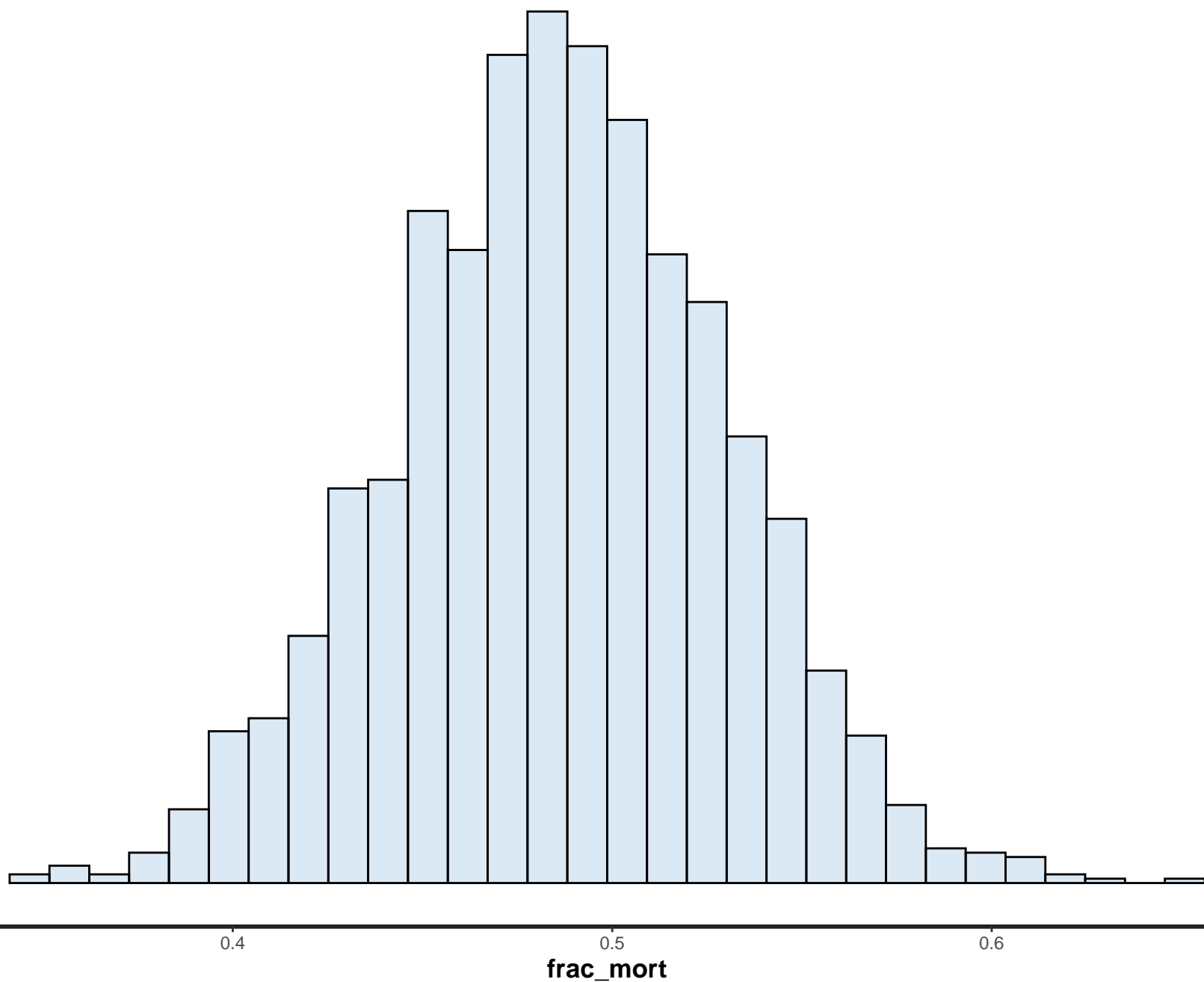




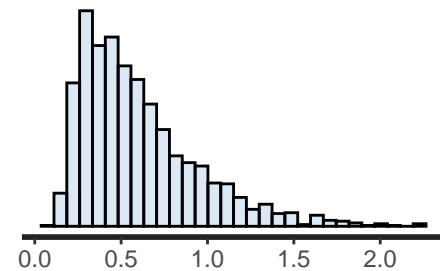




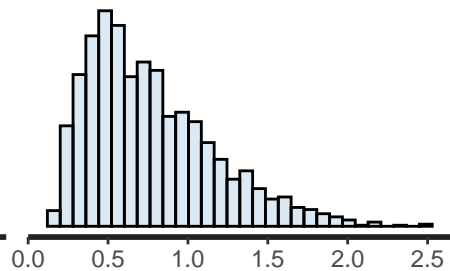




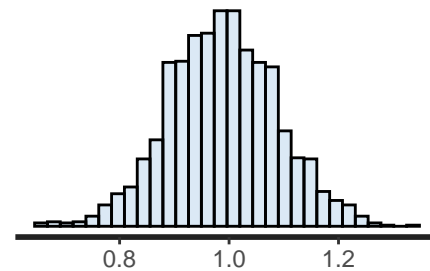
**beta\_multiplier[1]**



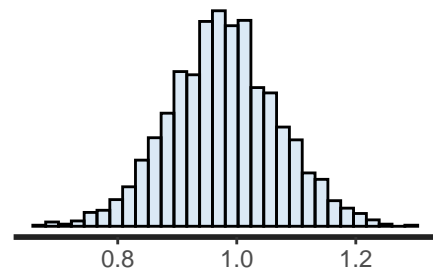
**beta\_multiplier[2]**



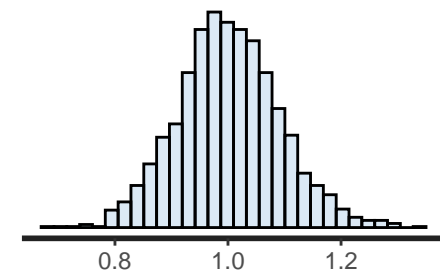
**beta\_multiplier[3]**



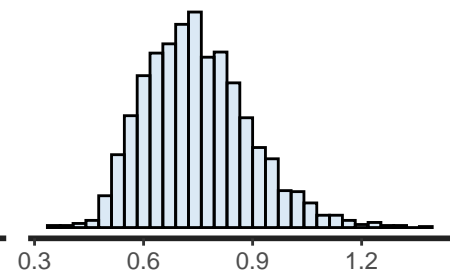
**beta\_multiplier[4]**



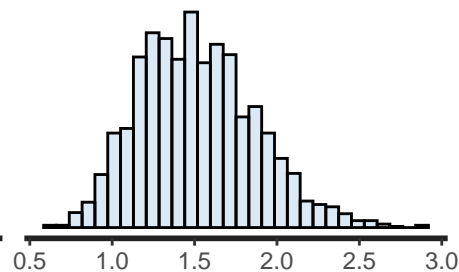
**beta\_multiplier[5]**



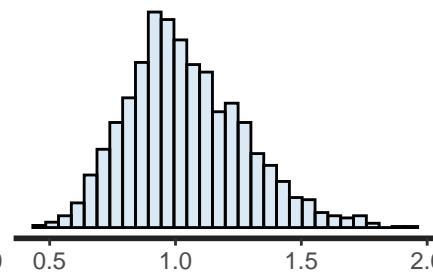
**beta\_multiplier[6]**



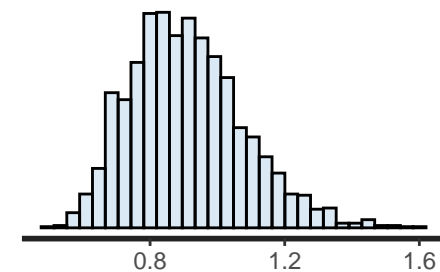
**beta\_multiplier[7]**



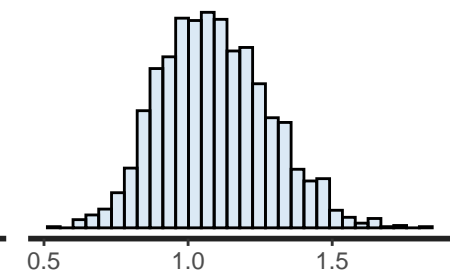
**beta\_multiplier[8]**



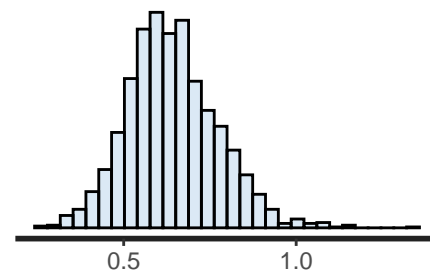
**beta\_multiplier[9]**



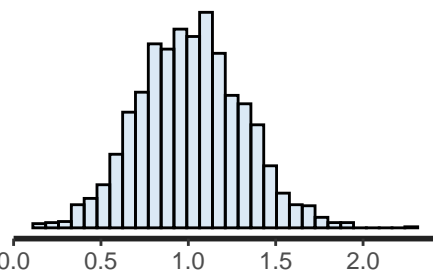
**beta\_multiplier[10]**



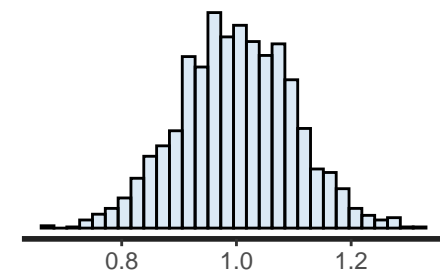
**beta\_multiplier[11]**



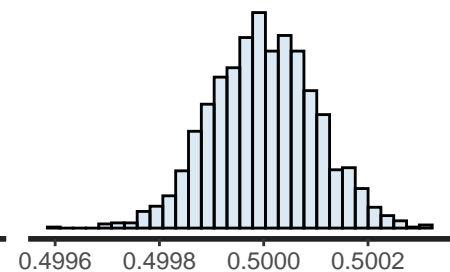
**beta\_multiplier[12]**

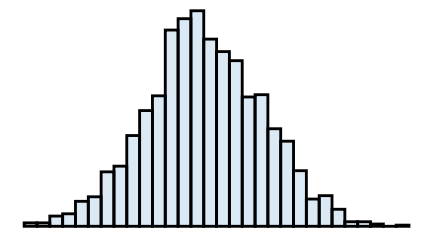


**beta\_multiplier[13]**



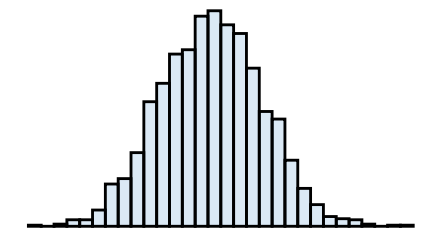
**beta\_multiplier[14]**



**t\_inter[1]**

Mar 02

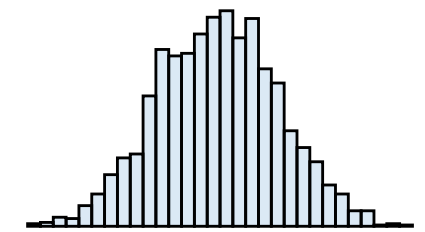
Mar 09

**t\_inter[2]**

Mar 09

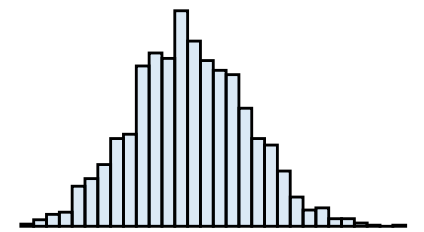
Mar 16

Mar 23

**t\_inter[3]**

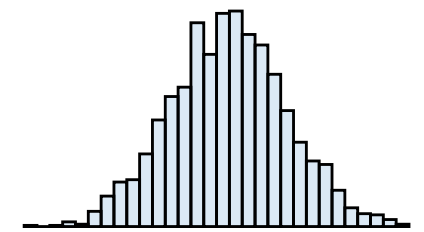
Mar 30

Apr 06

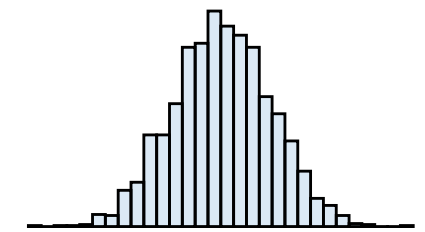
**t\_inter[4]**

Apr 13

Apr 20

**t\_inter[5]**

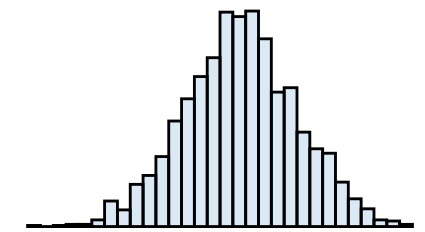
Apr 27

**t\_inter[6]**

May 04

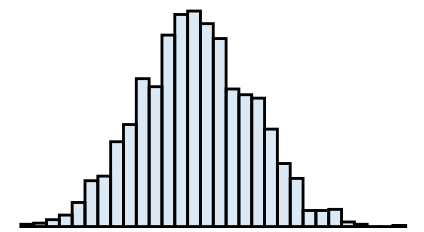
May 11

May 18

**t\_inter[7]**

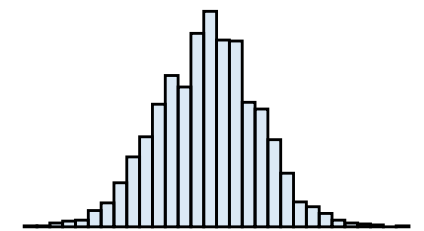
May 25

Jun 01

**t\_inter[8]**

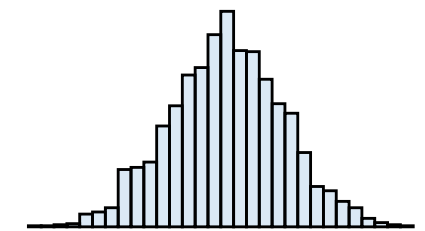
Jun 08

Jun 15

**t\_inter[9]**

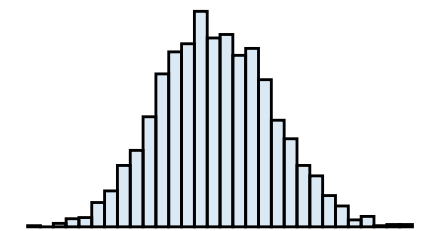
Jun 22

Jun 29

**t\_inter[10]**

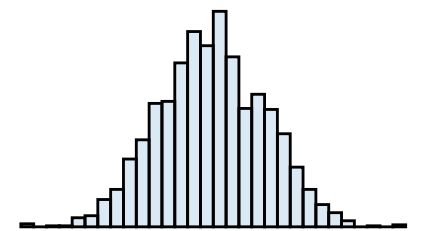
Jul 06

Jul 13

**t\_inter[11]**

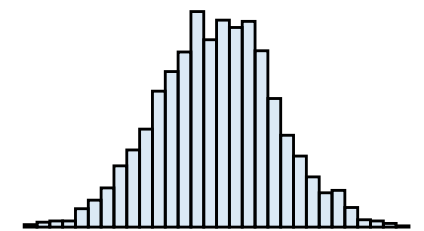
Jul 20

Jul 27

**t\_inter[12]**

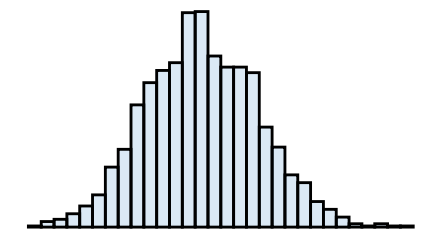
Aug 03

Aug 10

**t\_inter[13]**

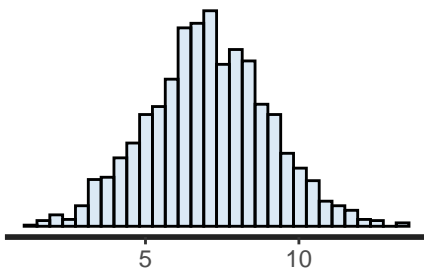
Aug 17

Aug 24

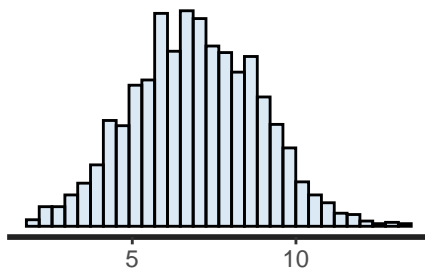
**t\_inter[14]**

Sep 08

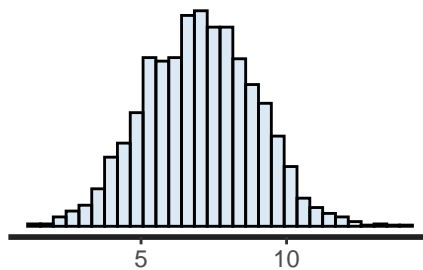
len\_inter[1]



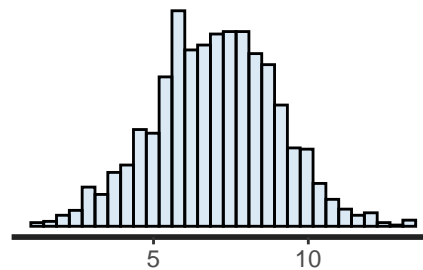
len\_inter[2]



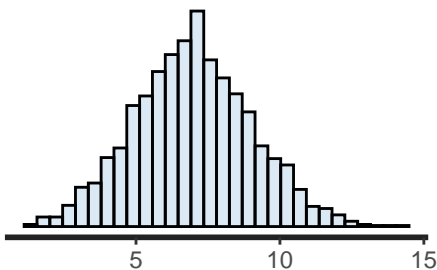
len\_inter[3]



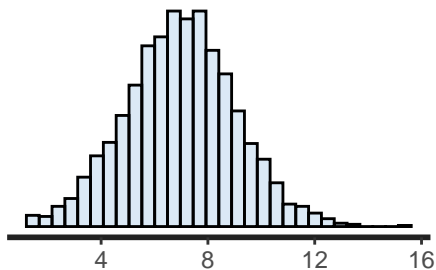
len\_inter[4]



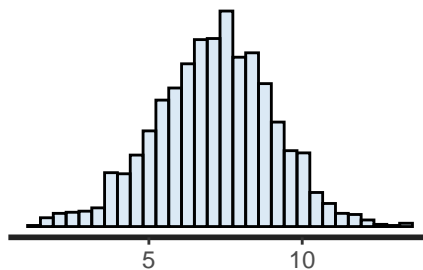
len\_inter[5]



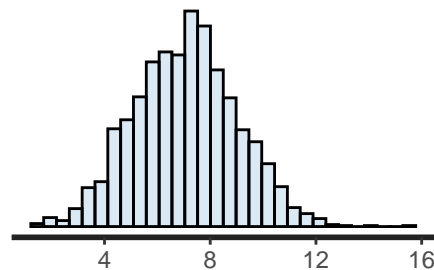
len\_inter[6]



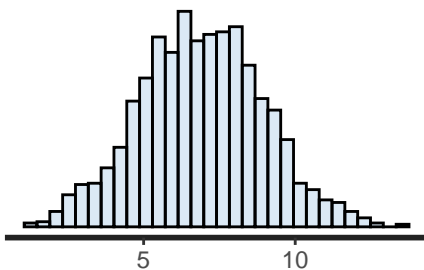
len\_inter[7]



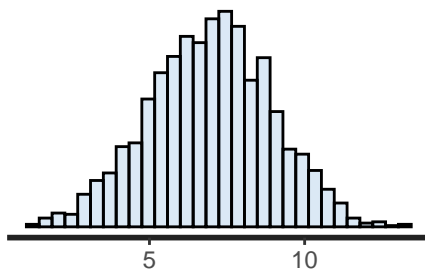
len\_inter[8]



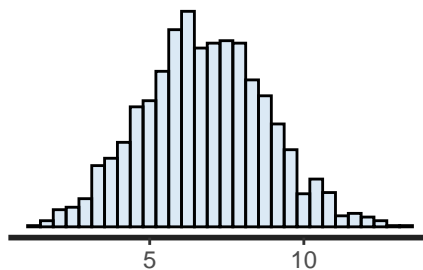
len\_inter[9]



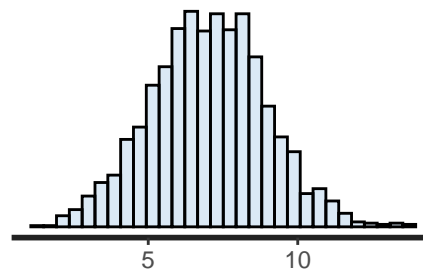
len\_inter[10]



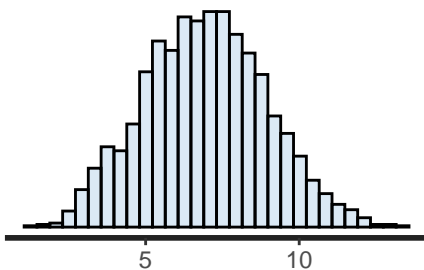
len\_inter[11]



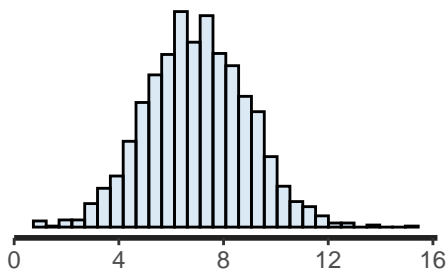
len\_inter[12]



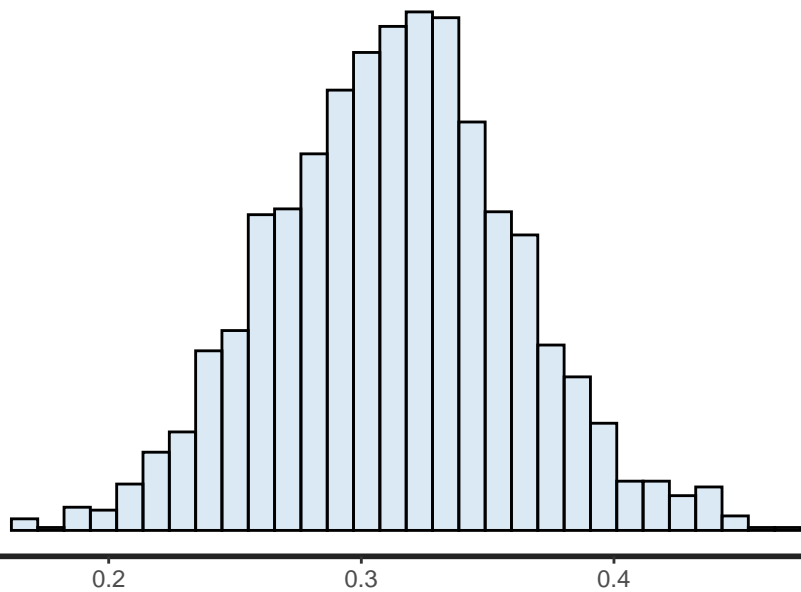
len\_inter[13]



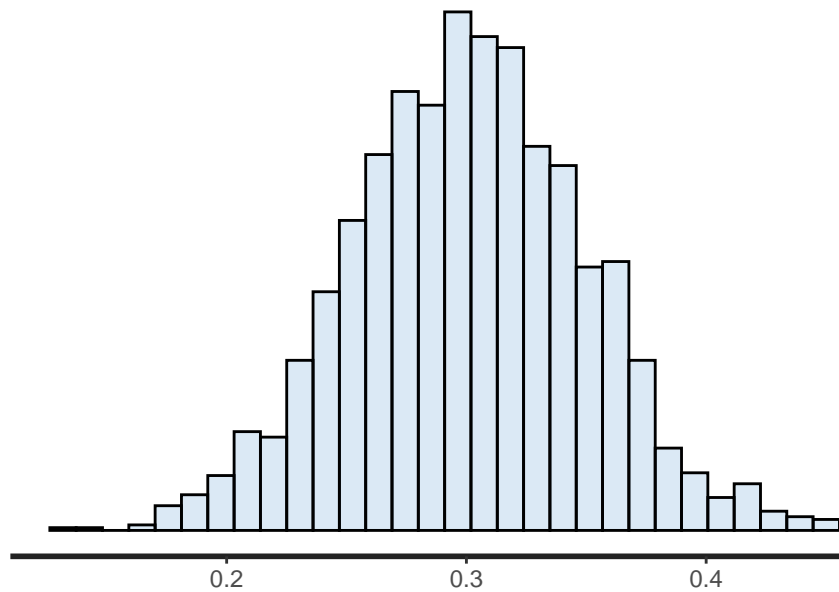
len\_inter[14]



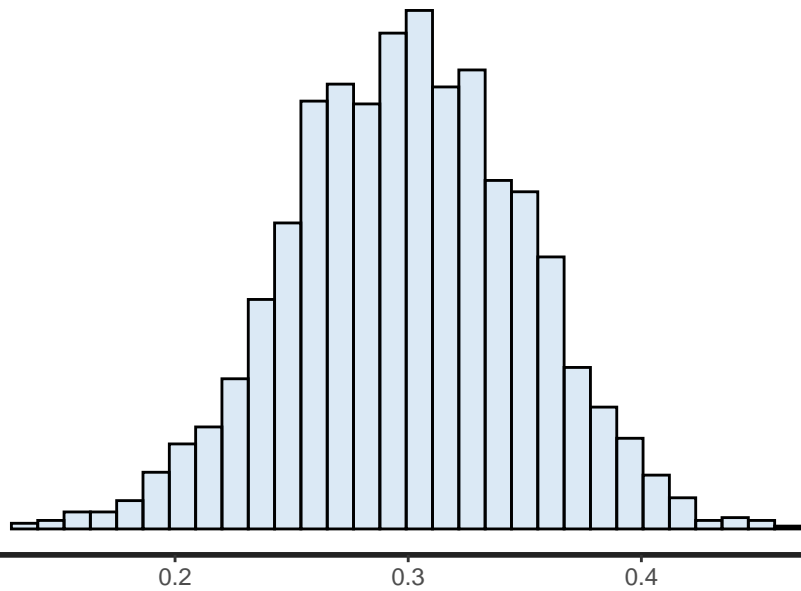
**frac\_PUI[1]**



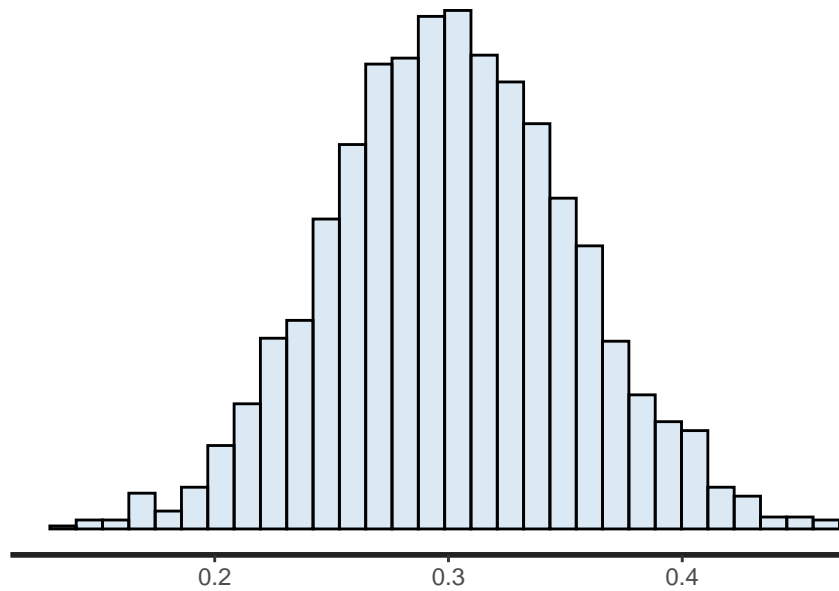
**frac\_PUI[2]**

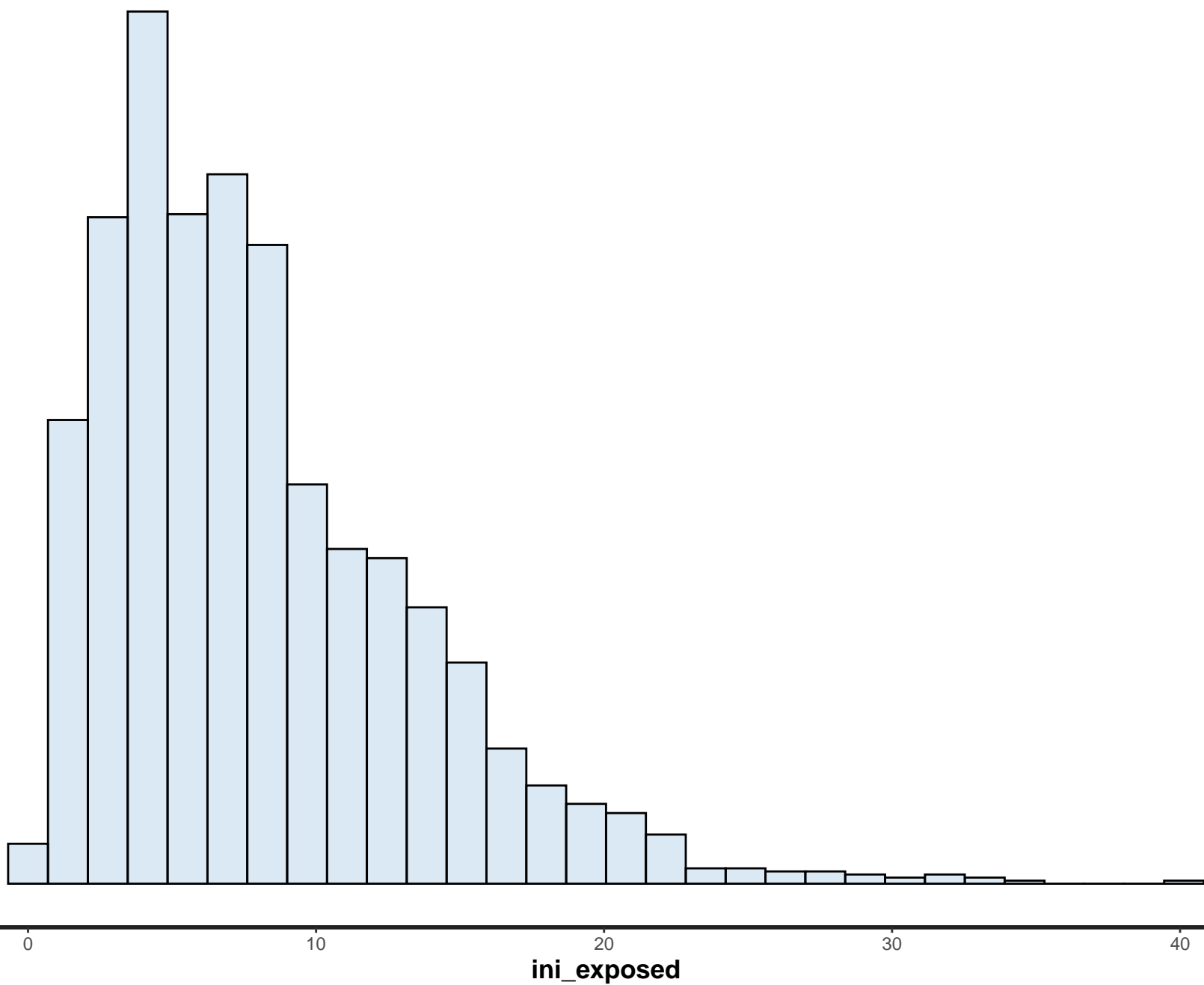


**frac\_PUI[3]**

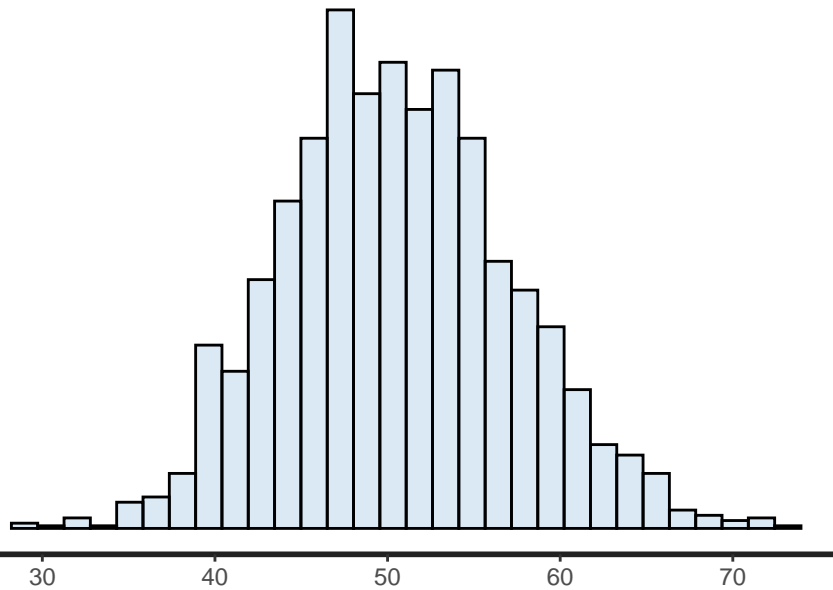


**frac\_PUI[4]**

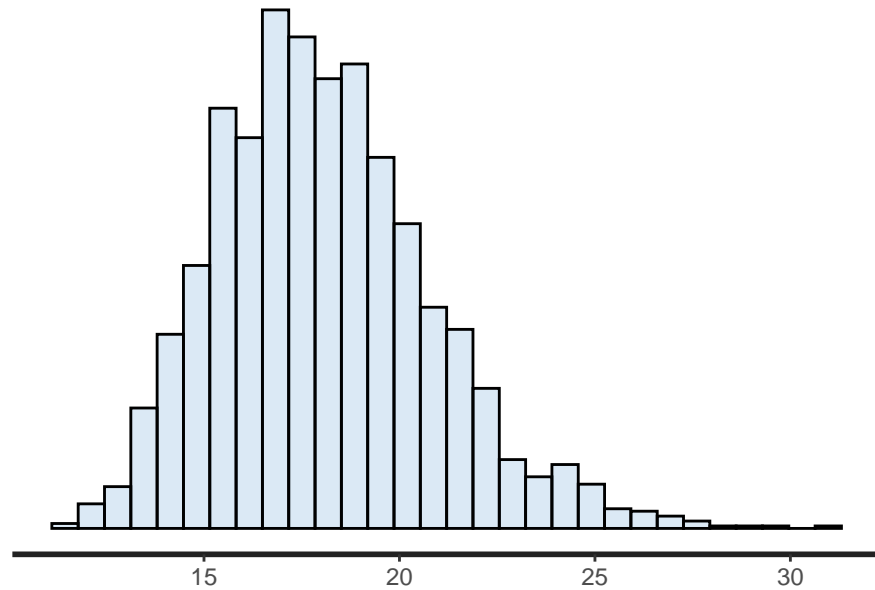




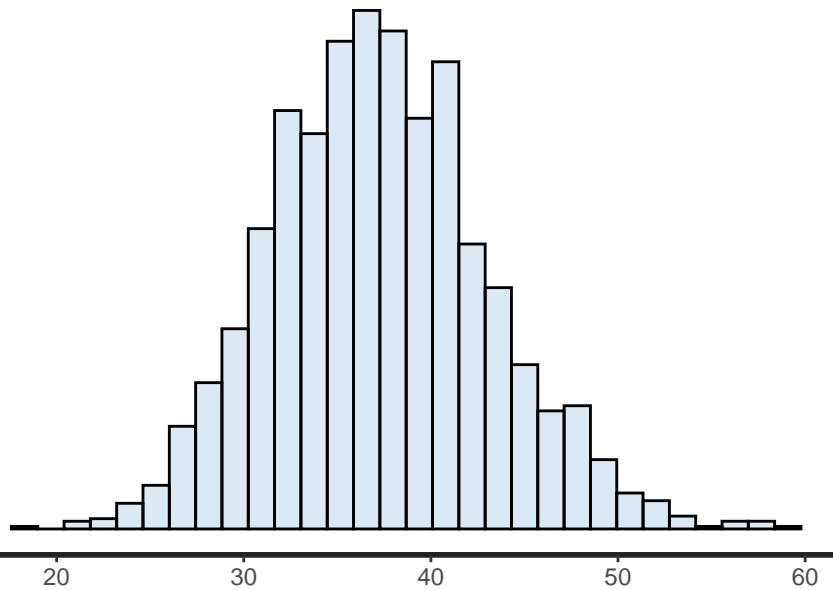
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

