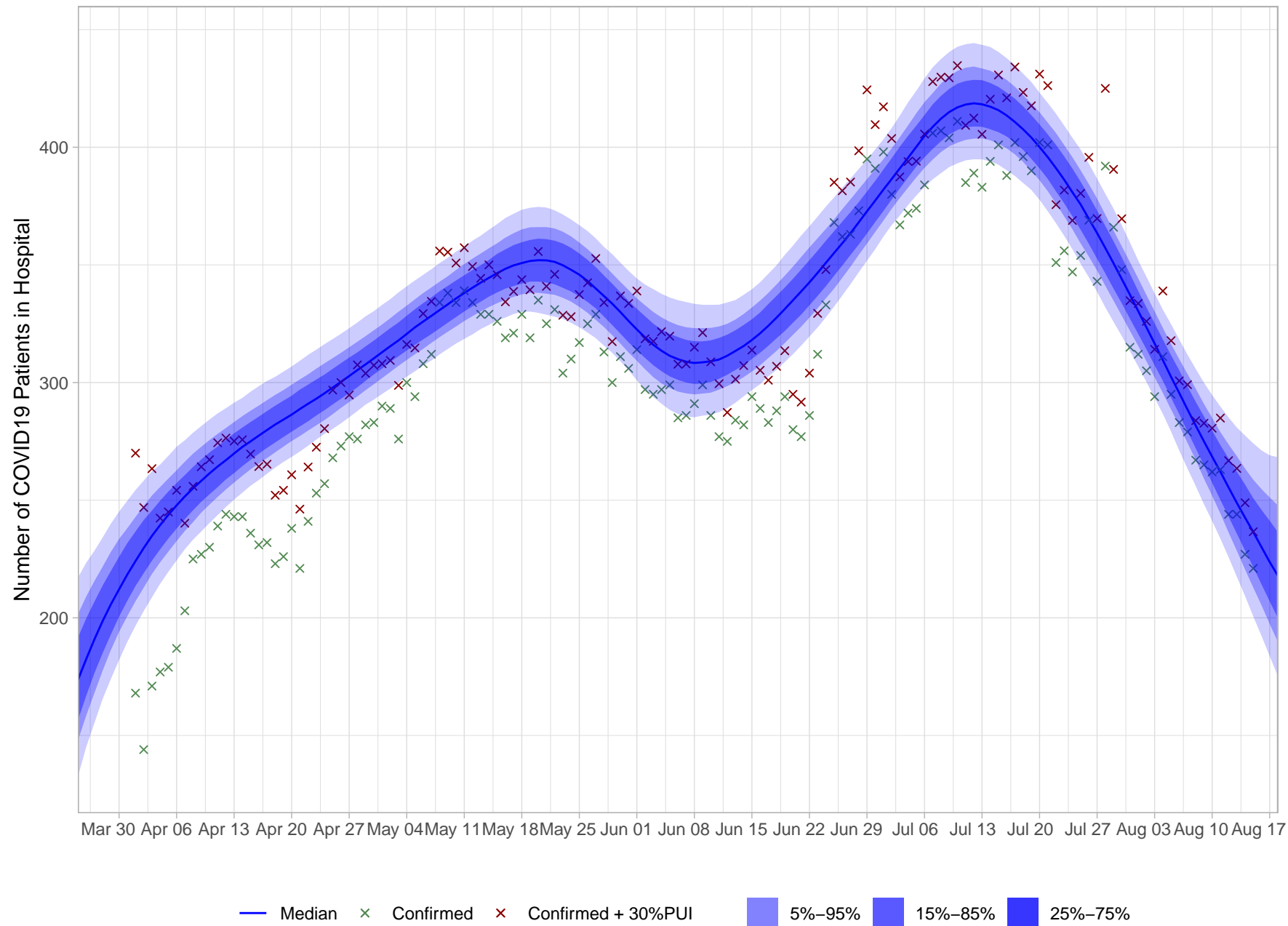
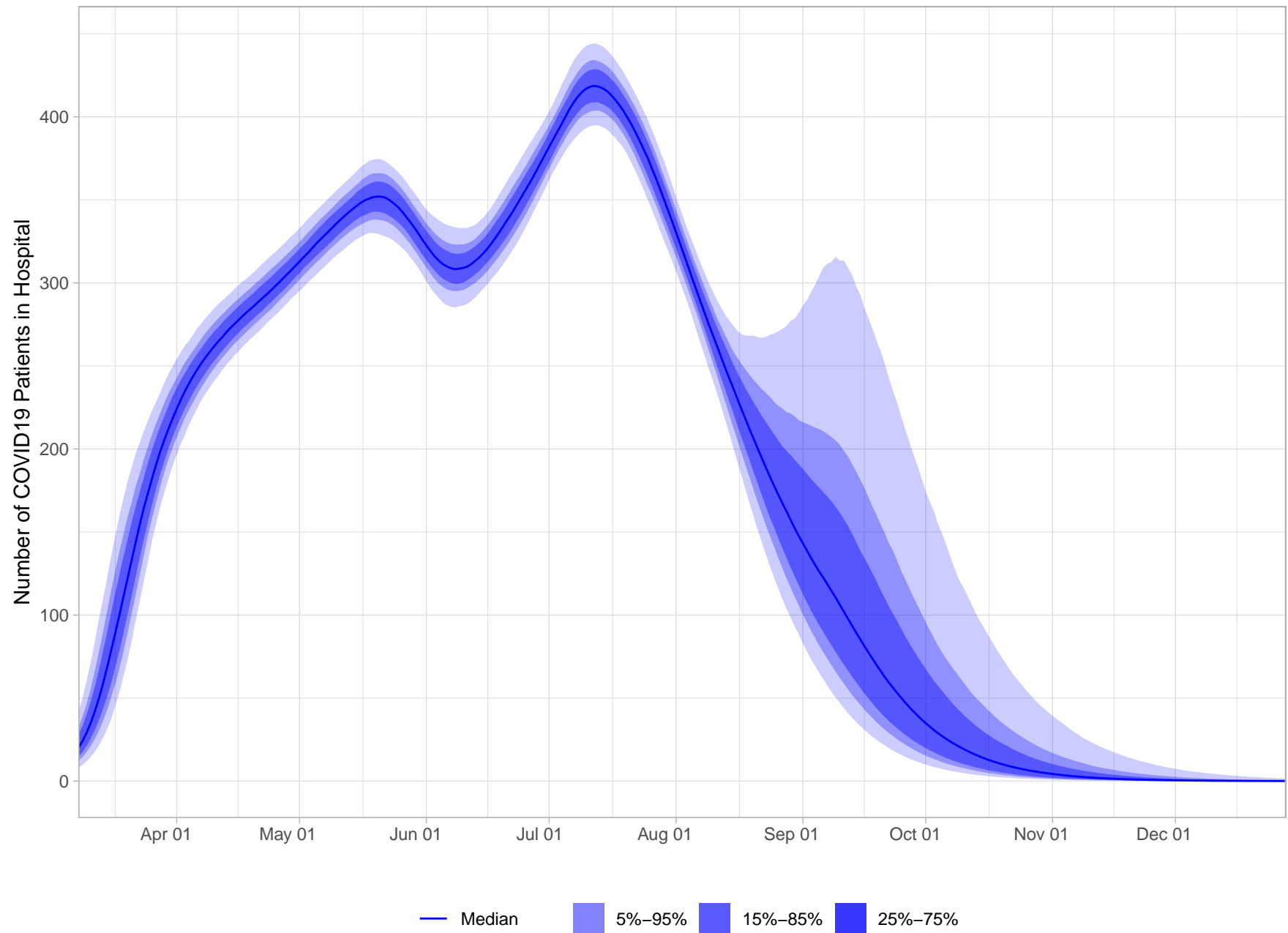


# Short Term Hospitalization Projection

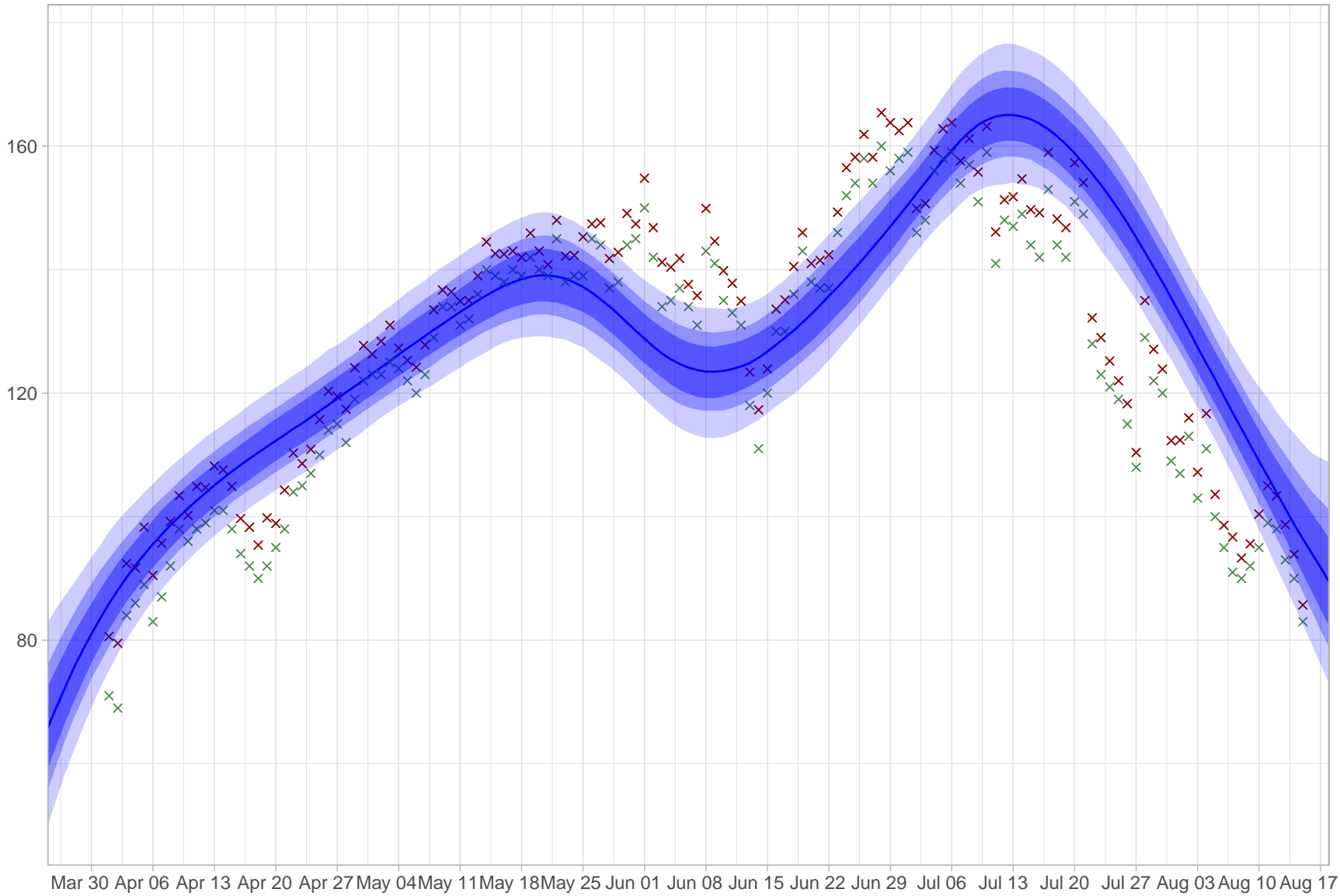


# Long Term Hospitalization Projection



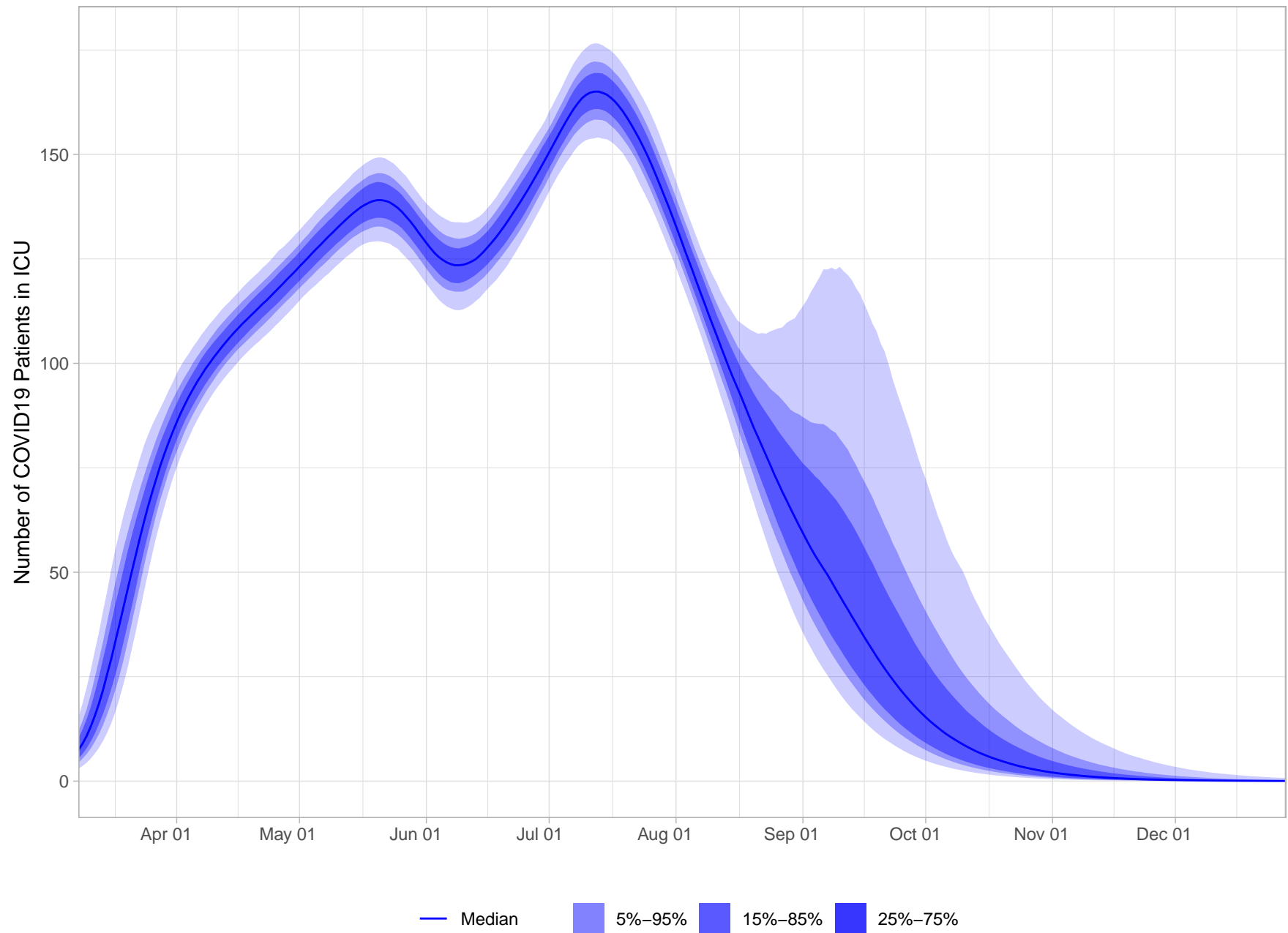
# Short Term ICU Projection

Number of COVID19 Patients in ICU



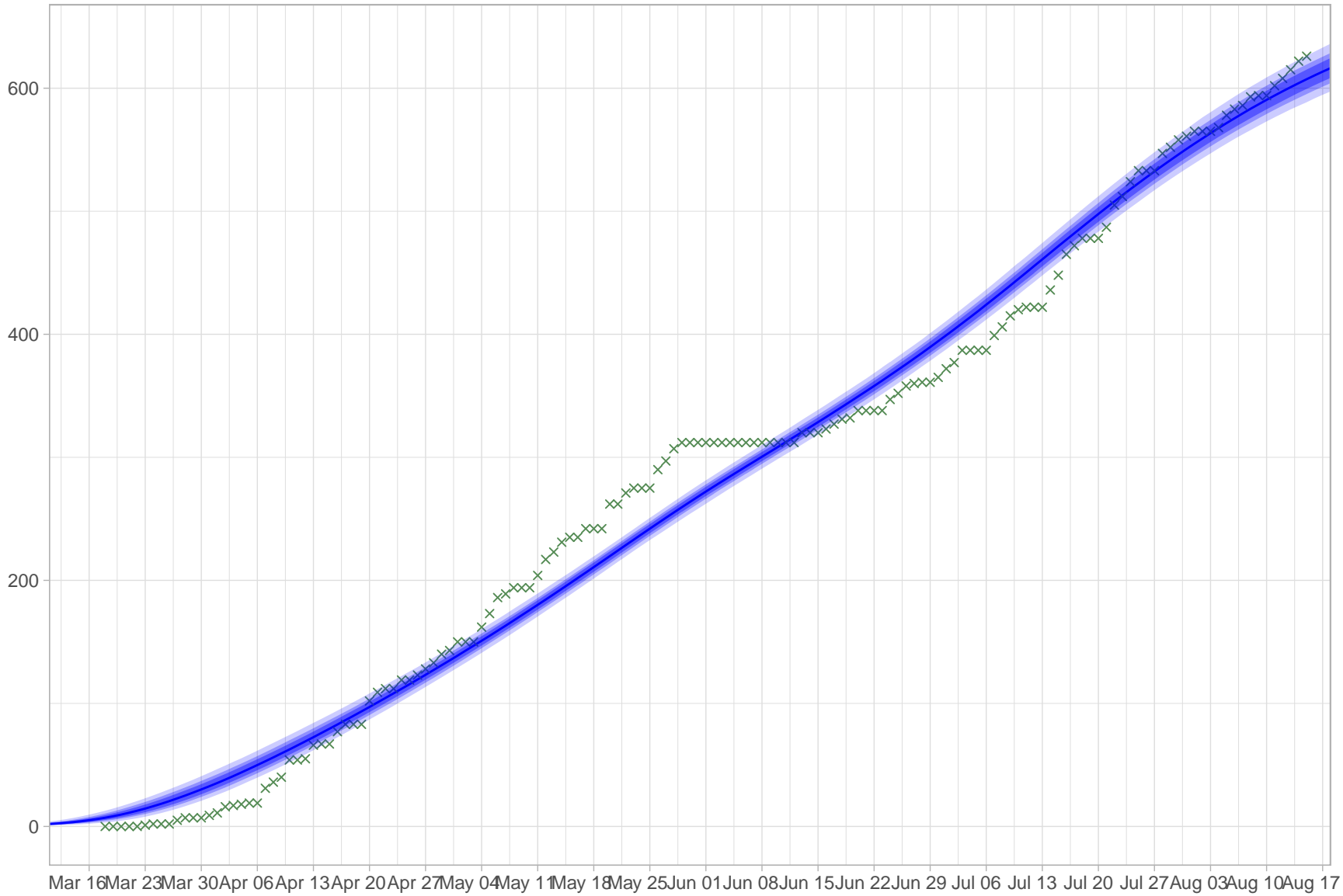
— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection



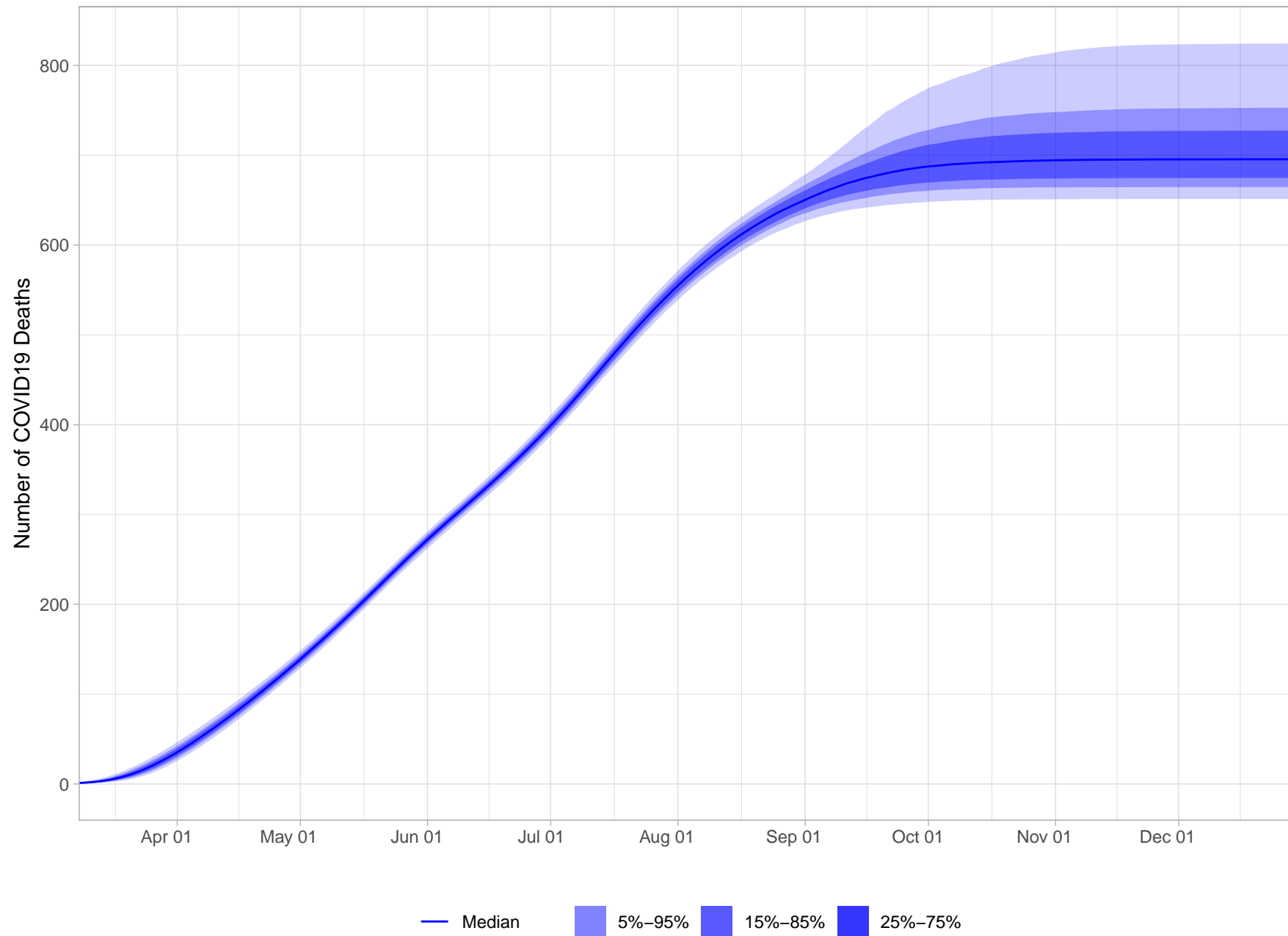
# Short Term Death Projection

Number of COVID19 Deaths

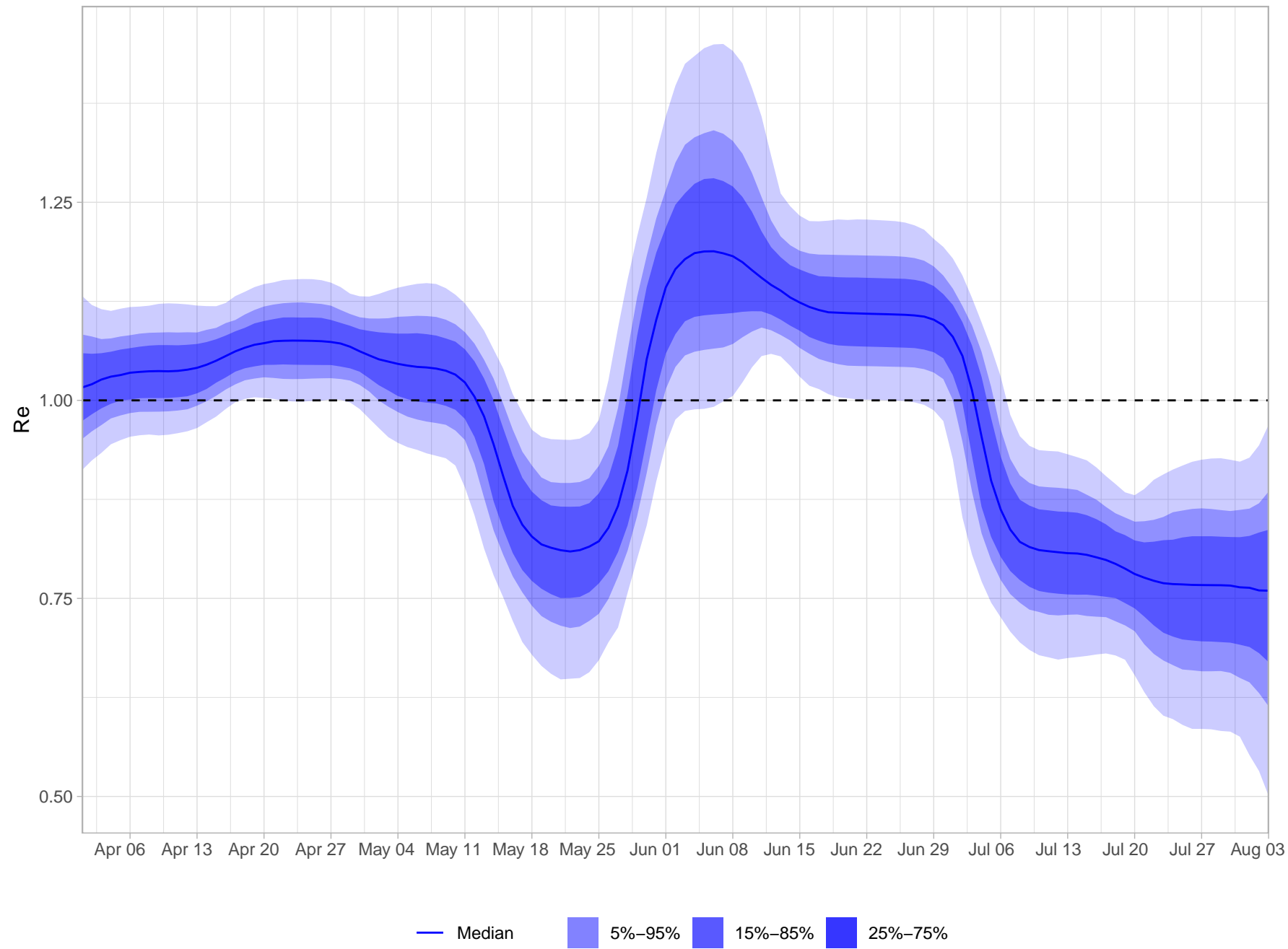


Median × Confirmed 5%–95% 15%–85% 25%–75%

# Long Term Death Projection

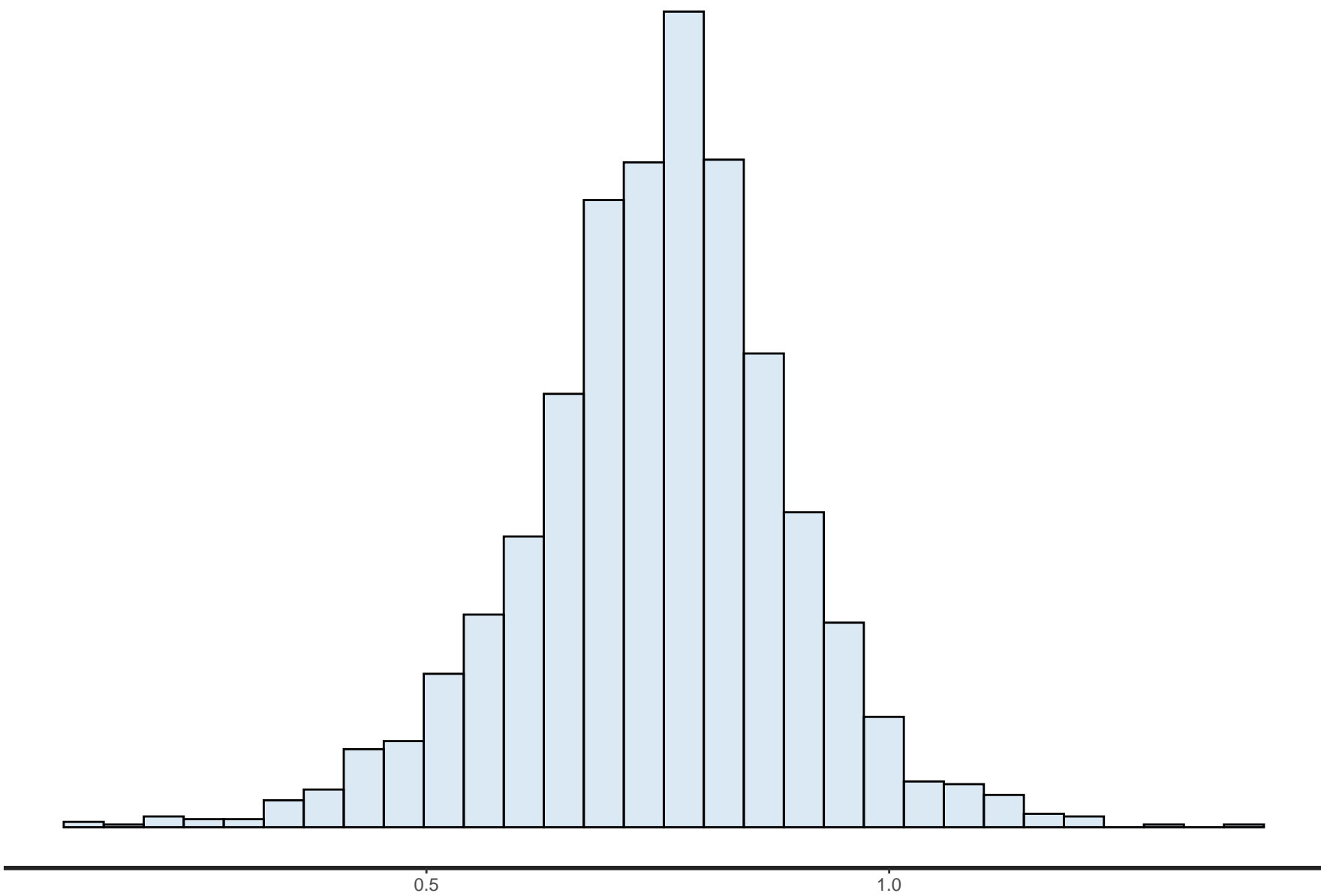


Effective Reproduction Number

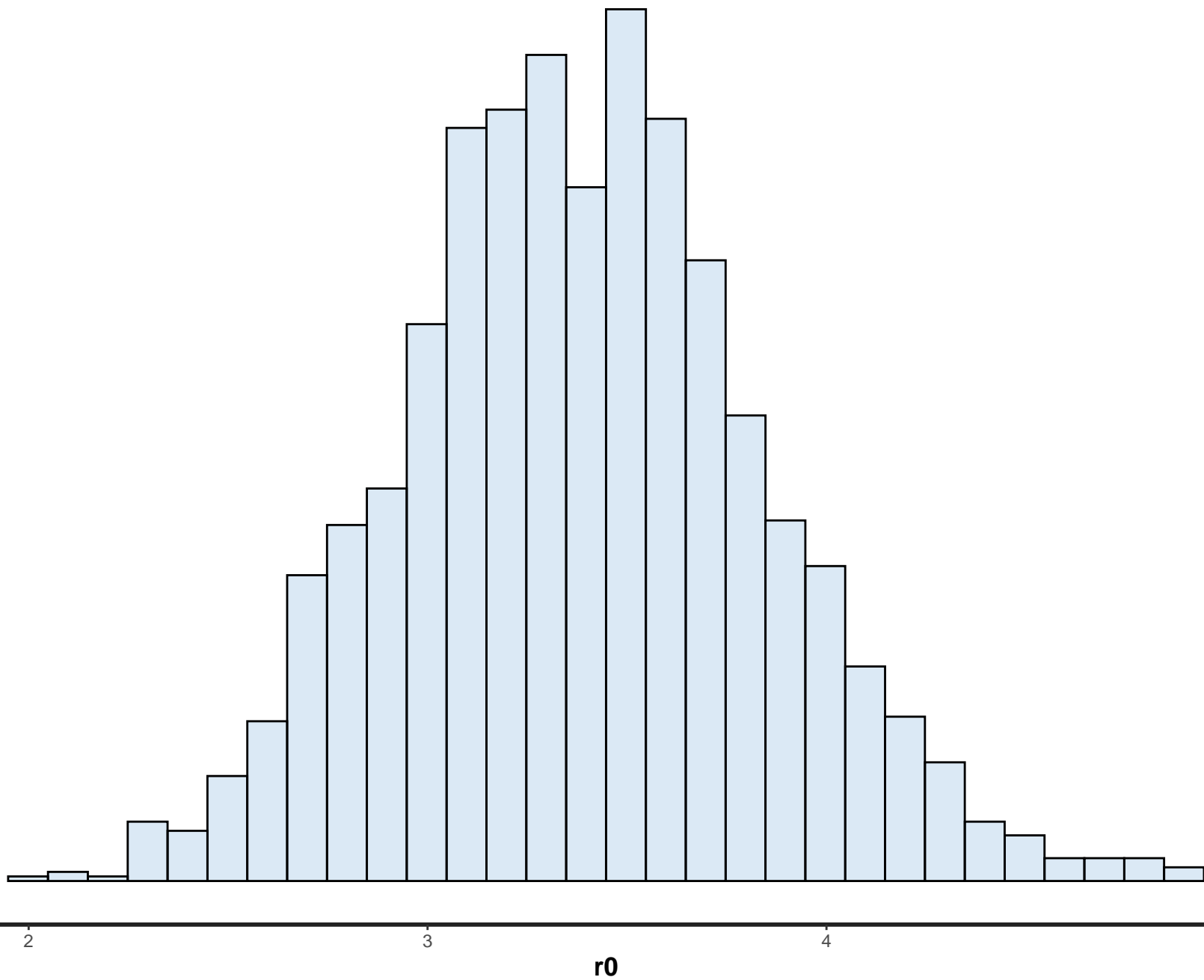


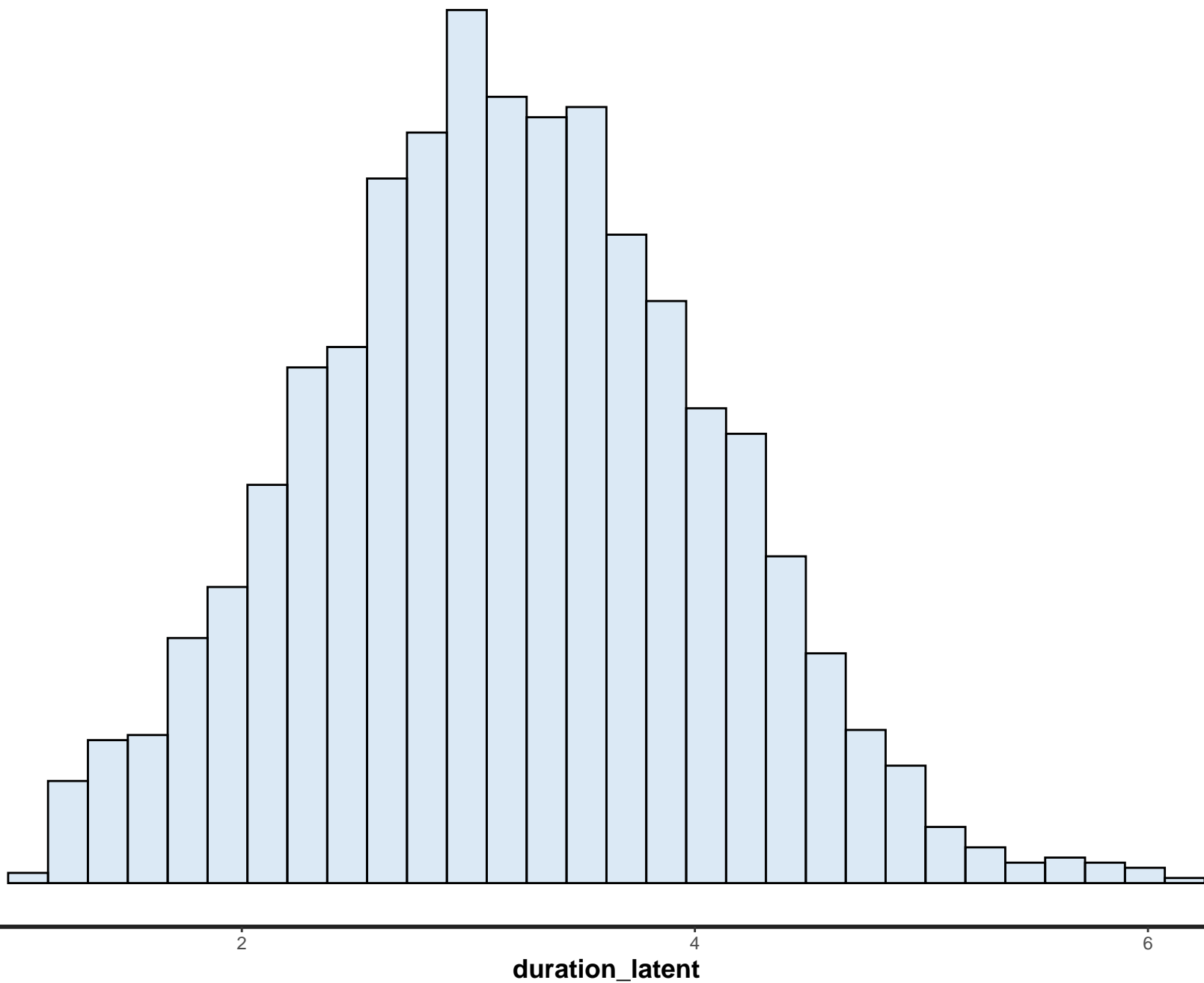
# Rt as of 2020-08-03

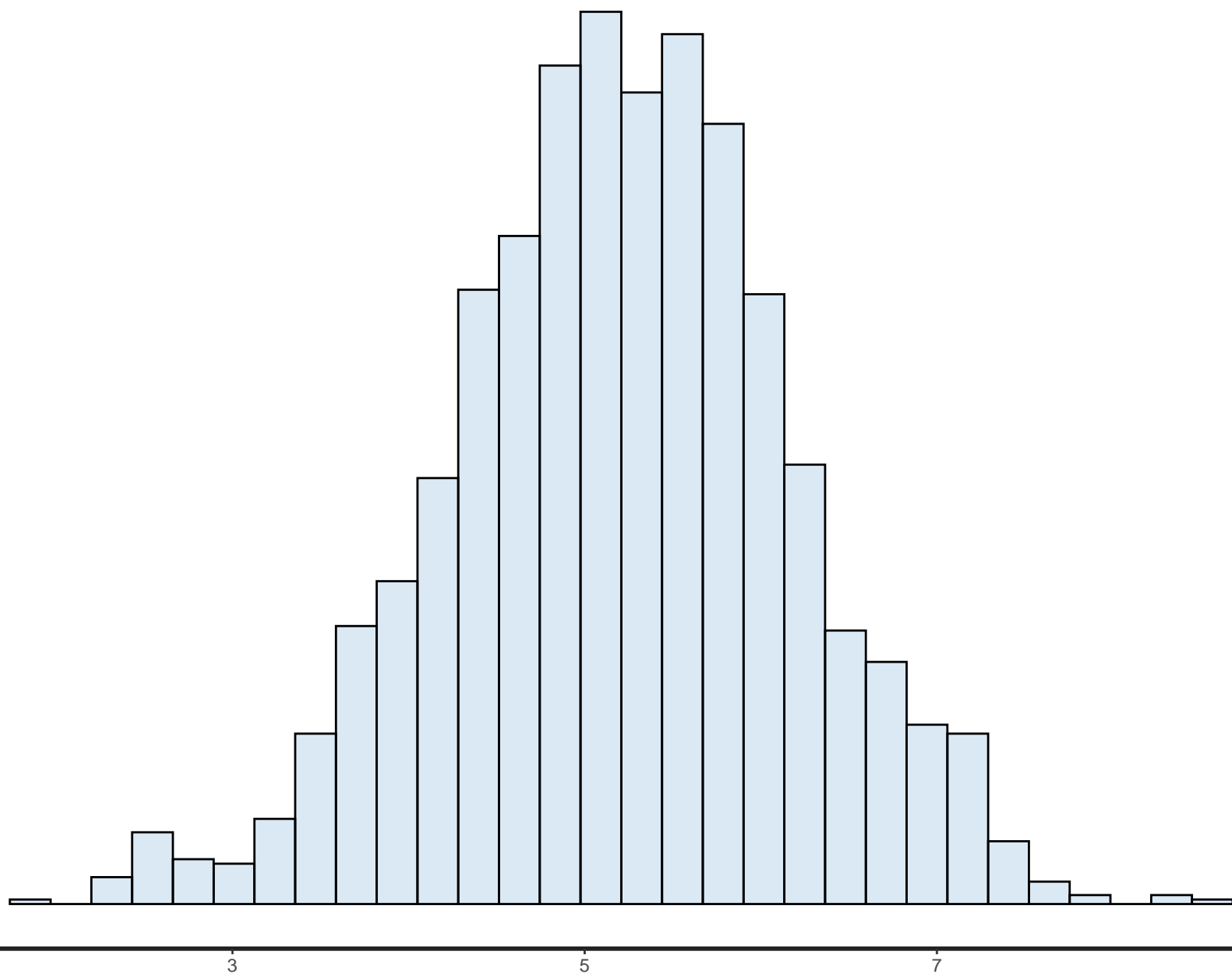
5% 10% 25% 50% 75% 90% 95%  
0.50 0.57 0.67 0.76 0.84 0.92 0.97

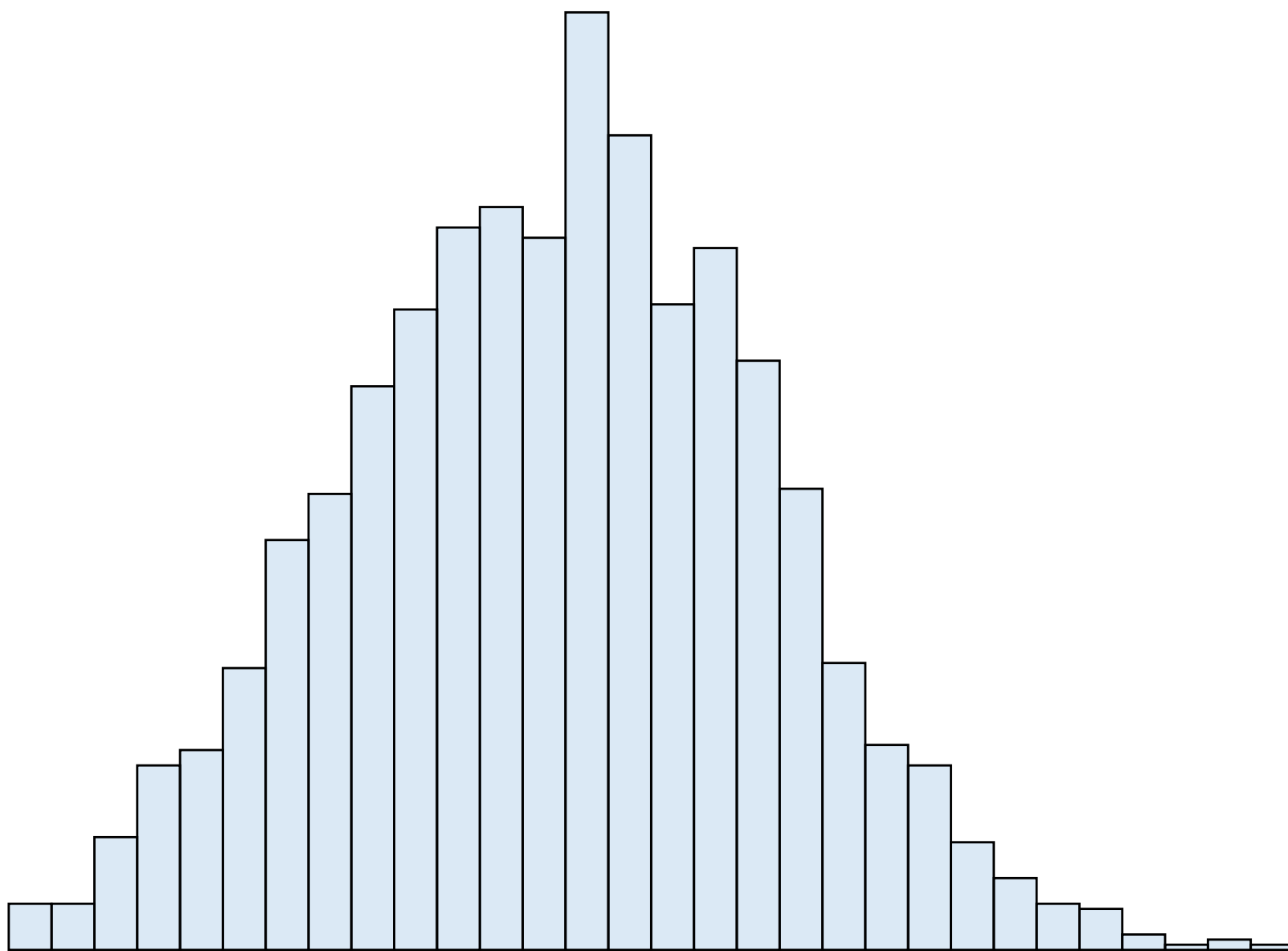




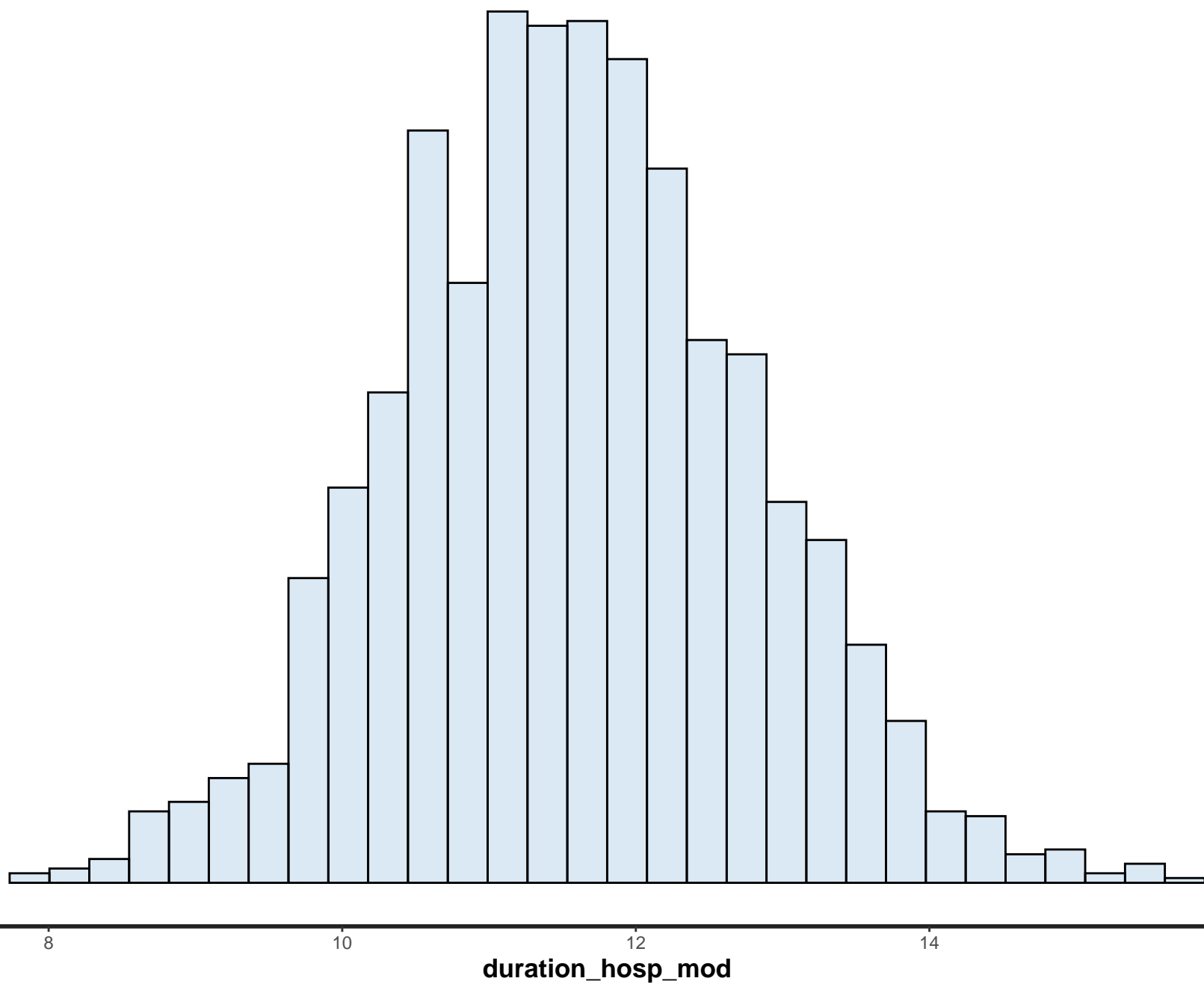


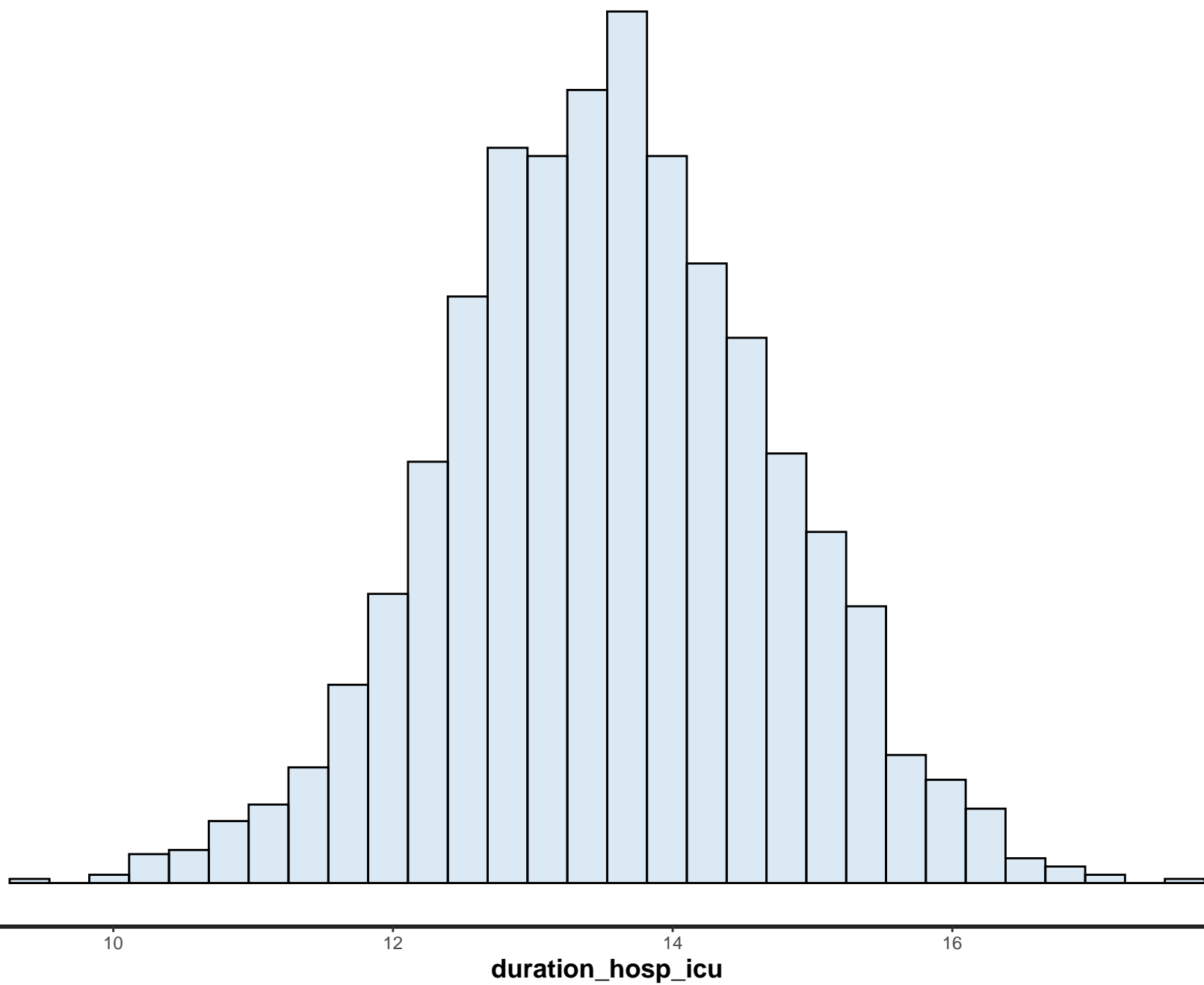


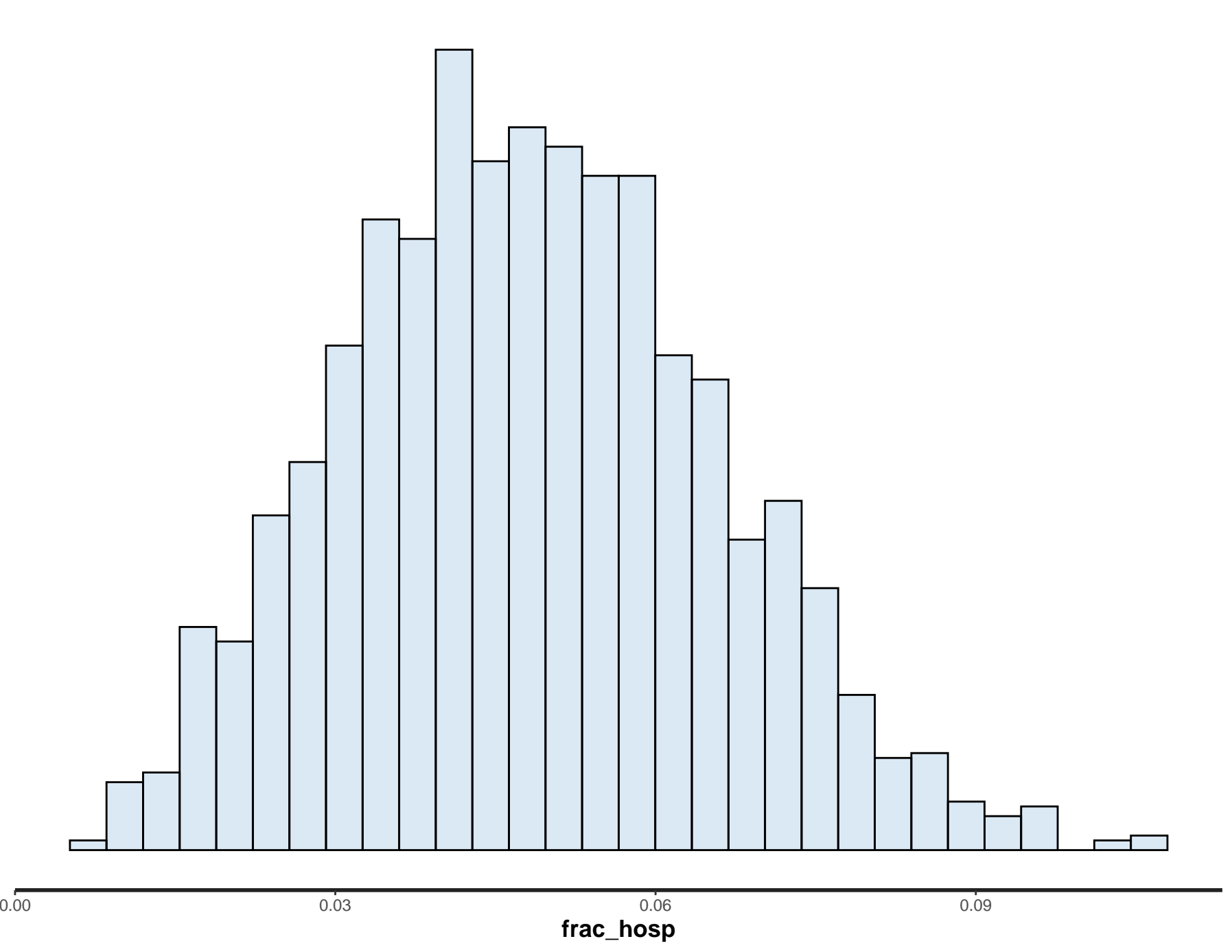


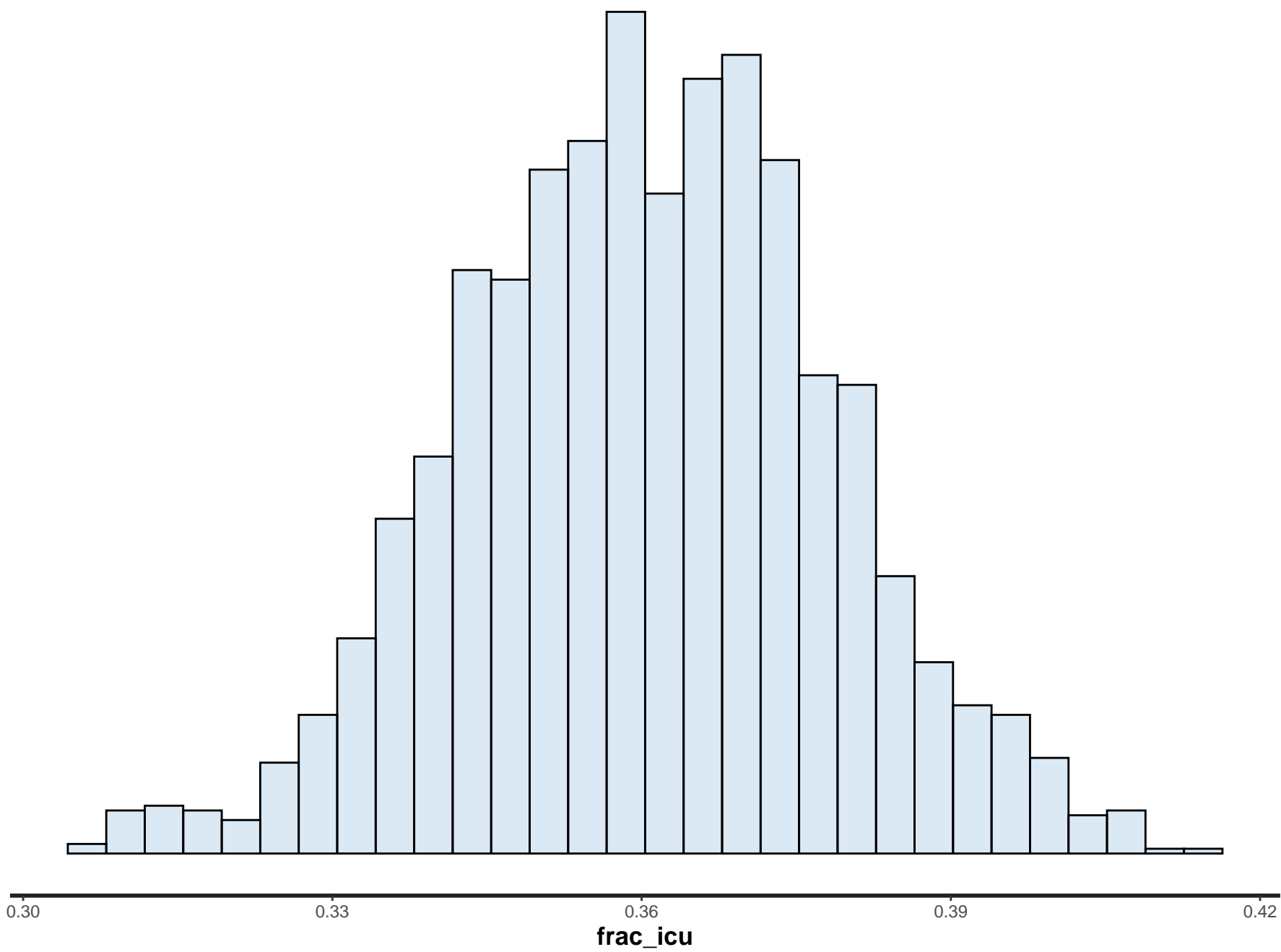


duration\_pre\_hosp

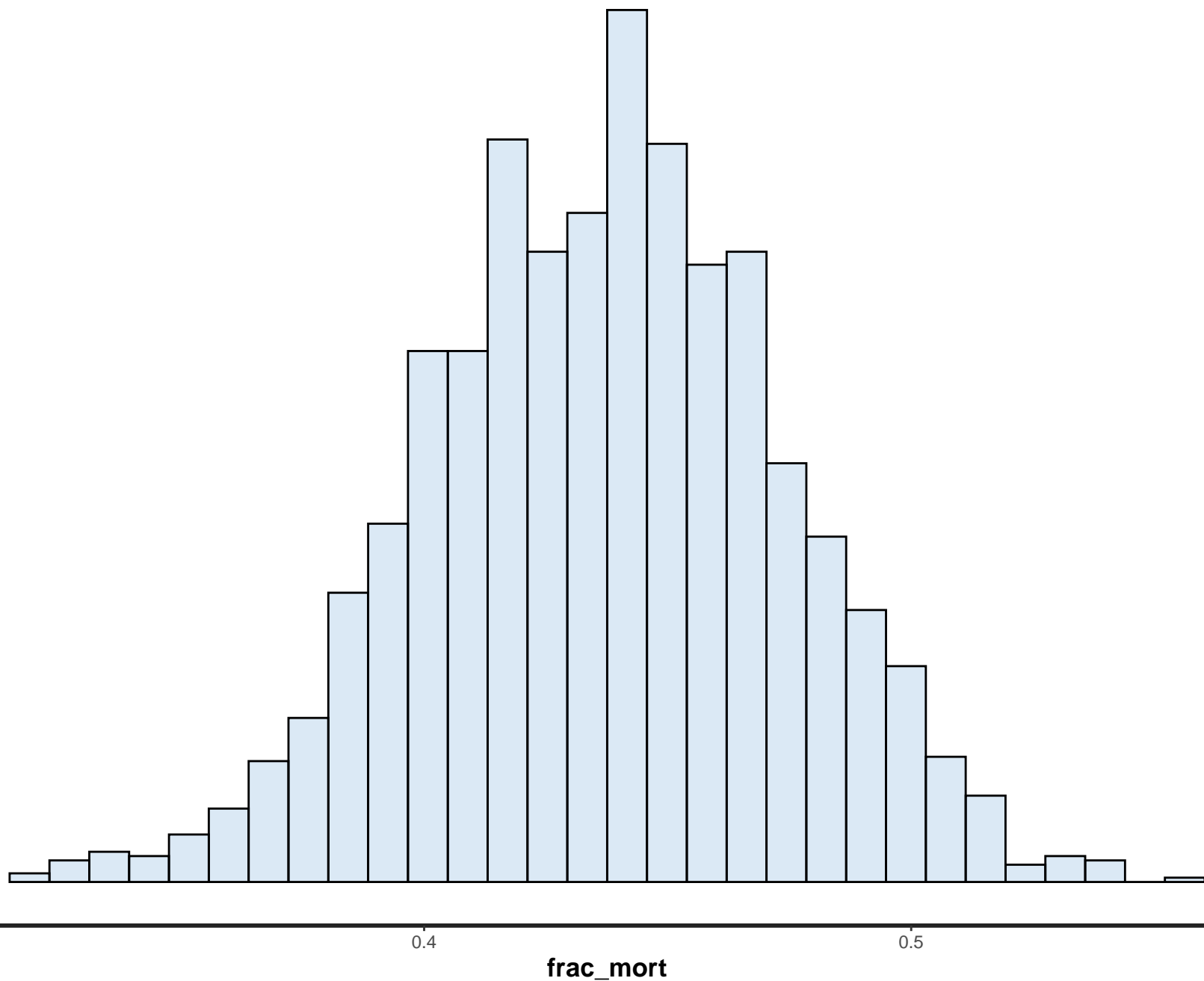




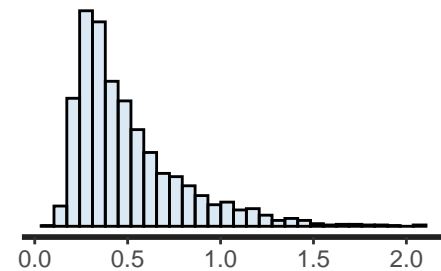




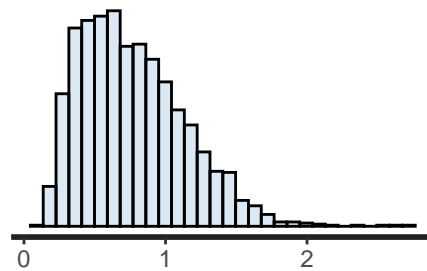




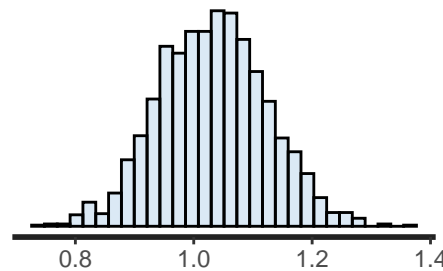
**beta\_multiplier[1]**



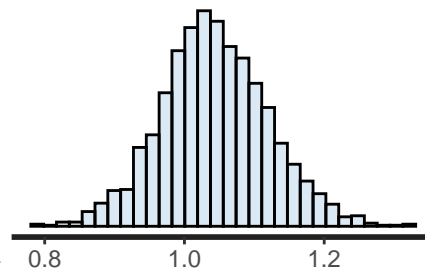
**beta\_multiplier[2]**



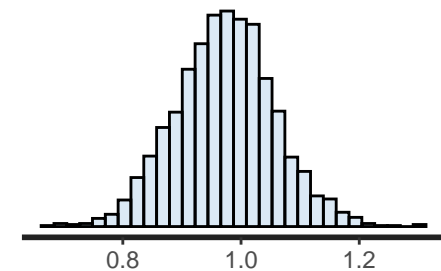
**beta\_multiplier[3]**



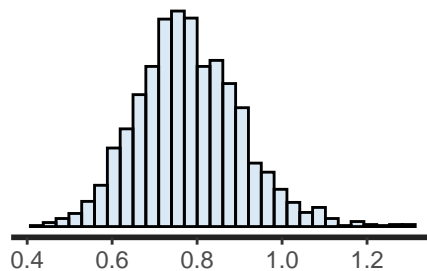
**beta\_multiplier[4]**



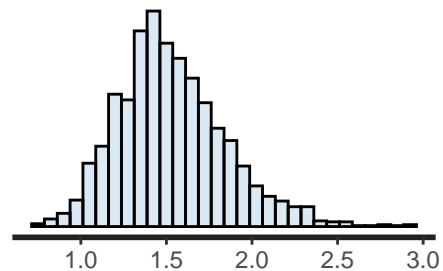
**beta\_multiplier[5]**



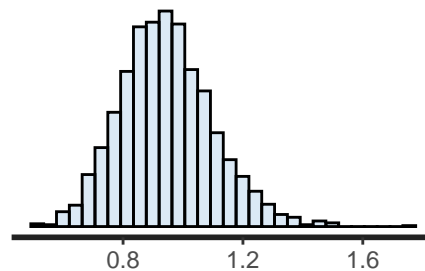
**beta\_multiplier[6]**



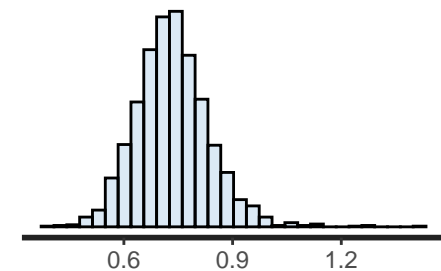
**beta\_multiplier[7]**



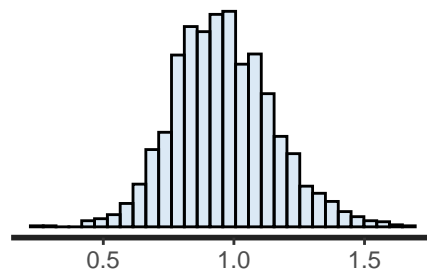
**beta\_multiplier[8]**



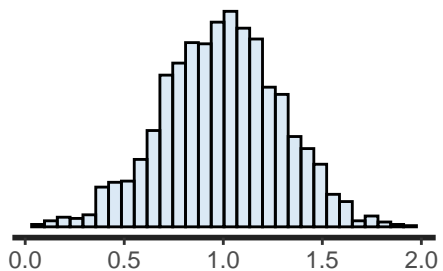
**beta\_multiplier[9]**



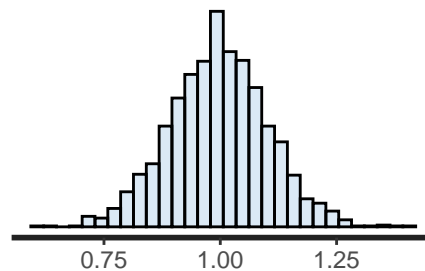
**beta\_multiplier[10]**



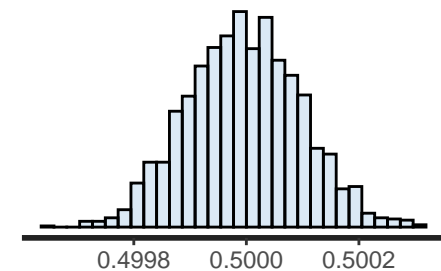
**beta\_multiplier[11]**

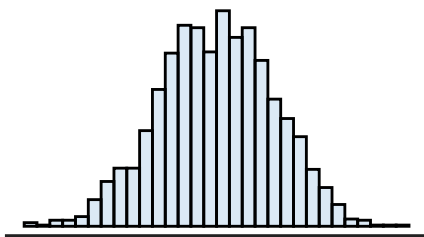


**beta\_multiplier[12]**

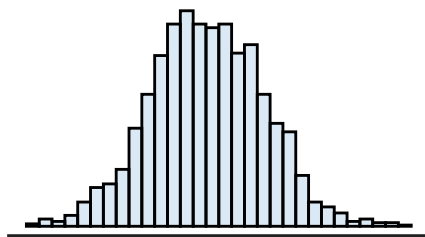


**beta\_multiplier[13]**

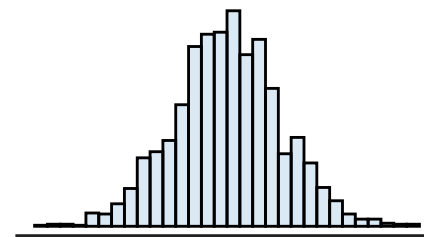


**t\_inter[1]**

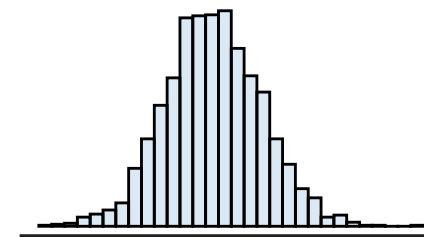
Mar 02 Mar 09

**t\_inter[2]**

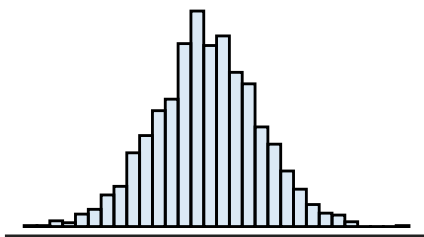
Mar 16 Mar 23

**t\_inter[3]**

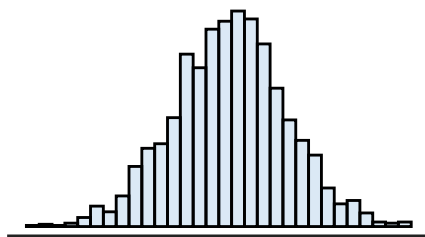
Mar 23 Mar 30 Apr 06

**t\_inter[4]**

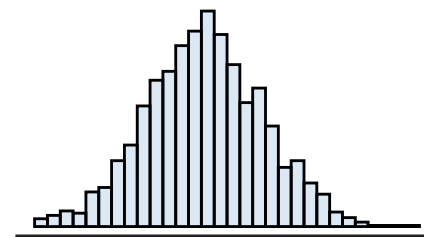
Apr 06 Apr 13 Apr 20

**t\_inter[5]**

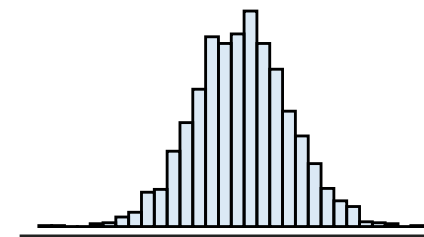
Apr 20 Apr 27 May 04

**t\_inter[6]**

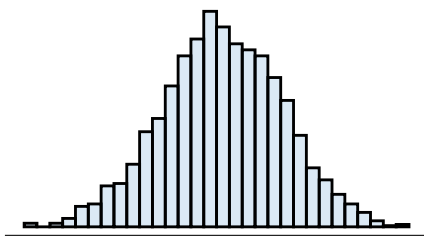
May 04 May 11 May 18

**t\_inter[7]**

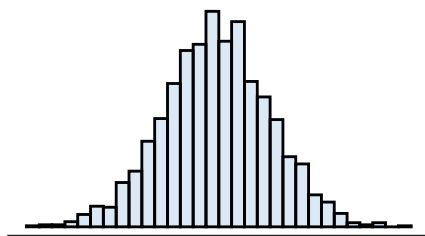
May 25 Jun 01

**t\_inter[8]**

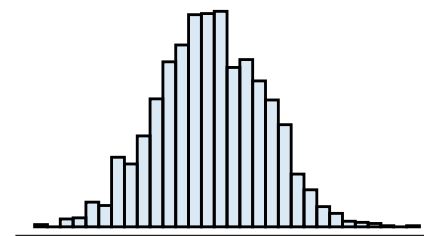
Jun 01 Jun 08 Jun 15

**t\_inter[9]**

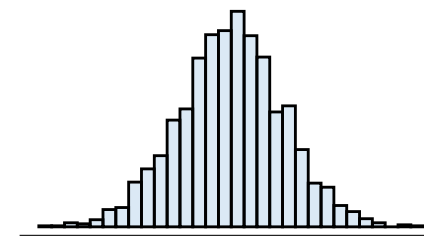
Jun 29 Jul 06

**t\_inter[10]**

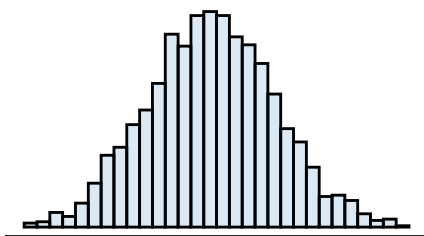
Jul 13 Jul 20

**t\_inter[11]**

Jul 27 Aug 03

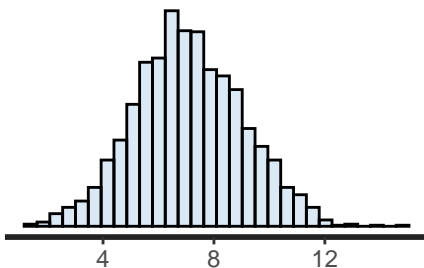
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Aug 10 Aug 17

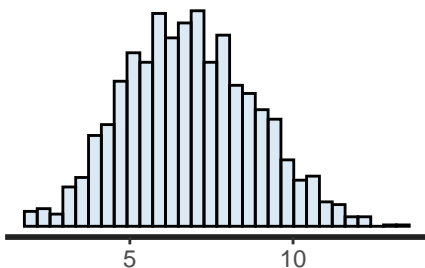
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Sep 01

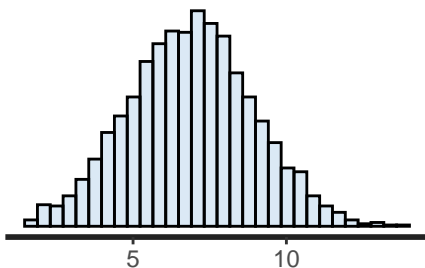
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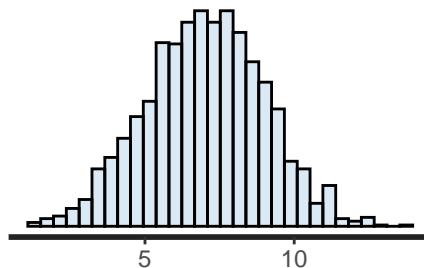
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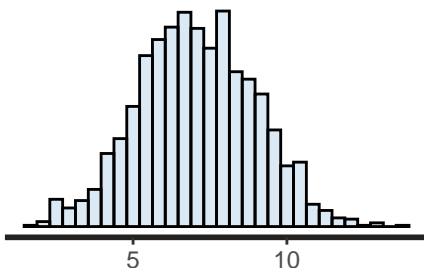
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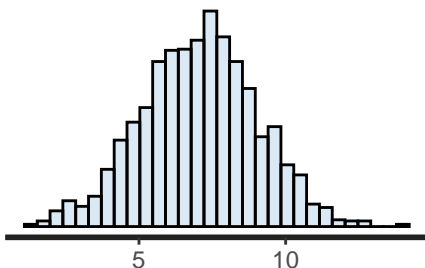
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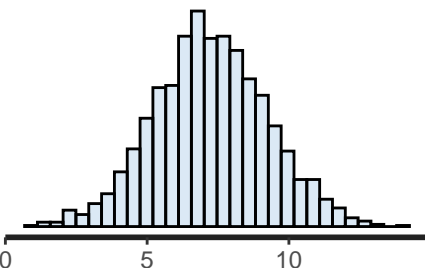
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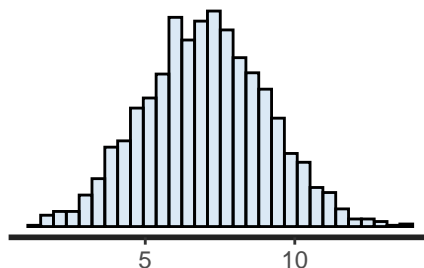
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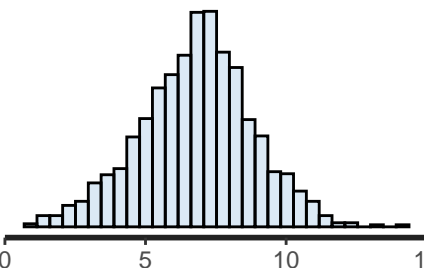
len\_inter[7]



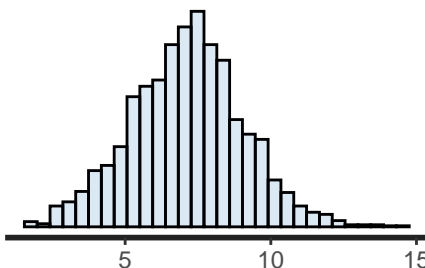
len\_inter[8]



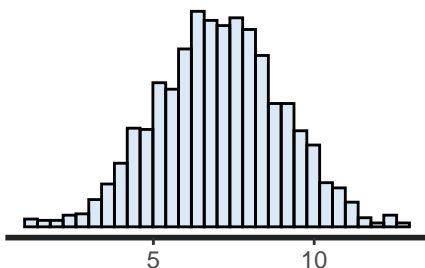
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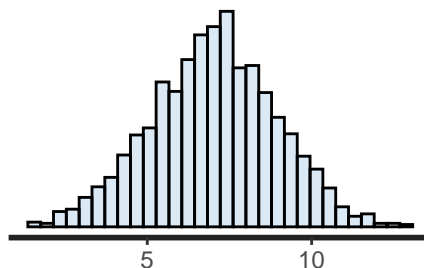
len\_inter[10]



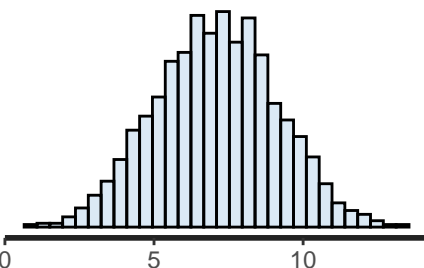
len\_inter[11]



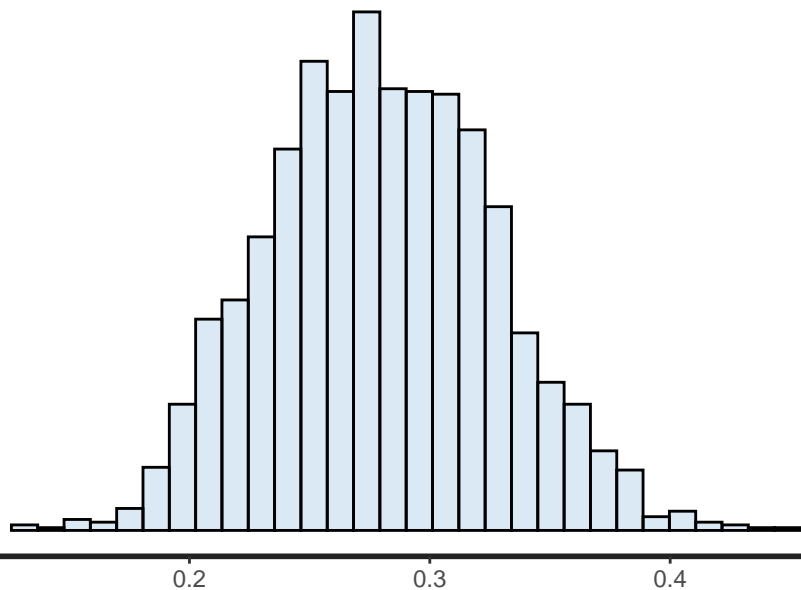
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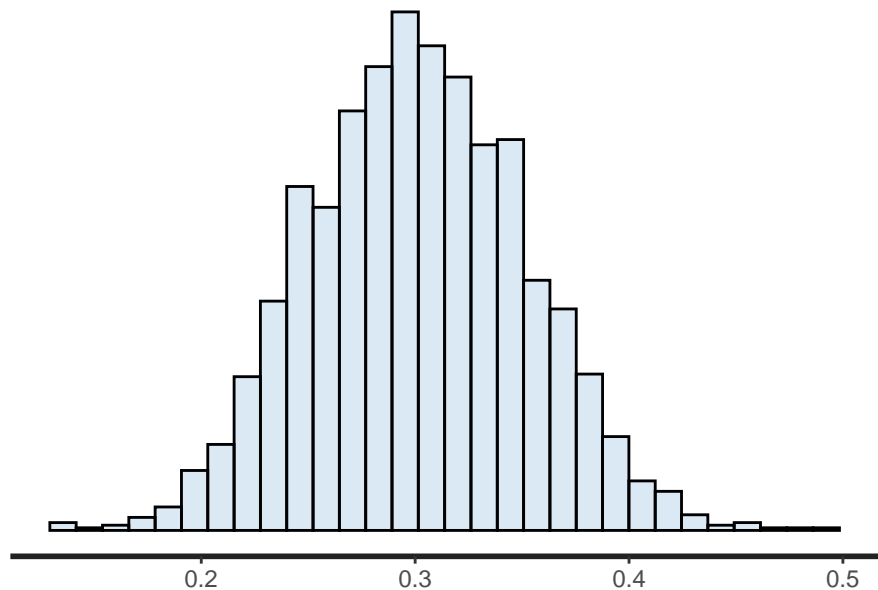
len\_inter[13]



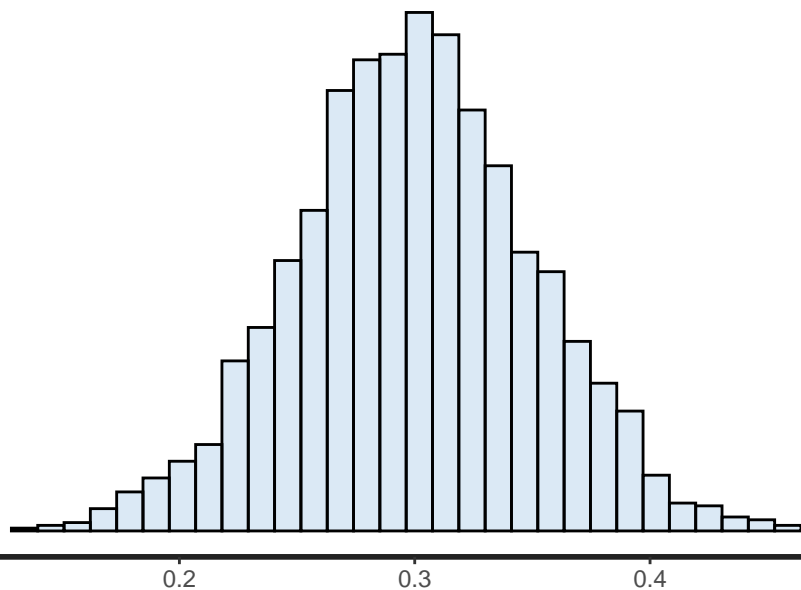
**frac\_PUI[1]**



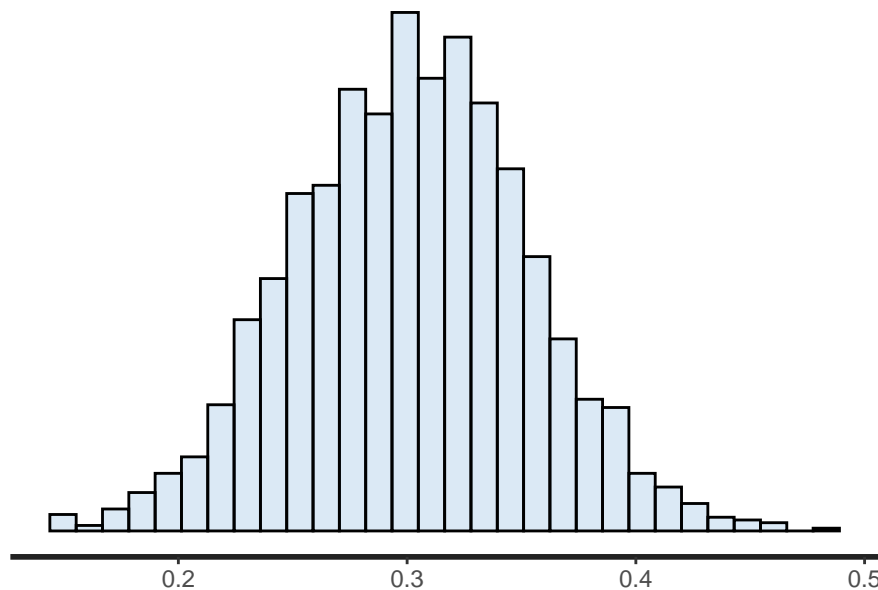
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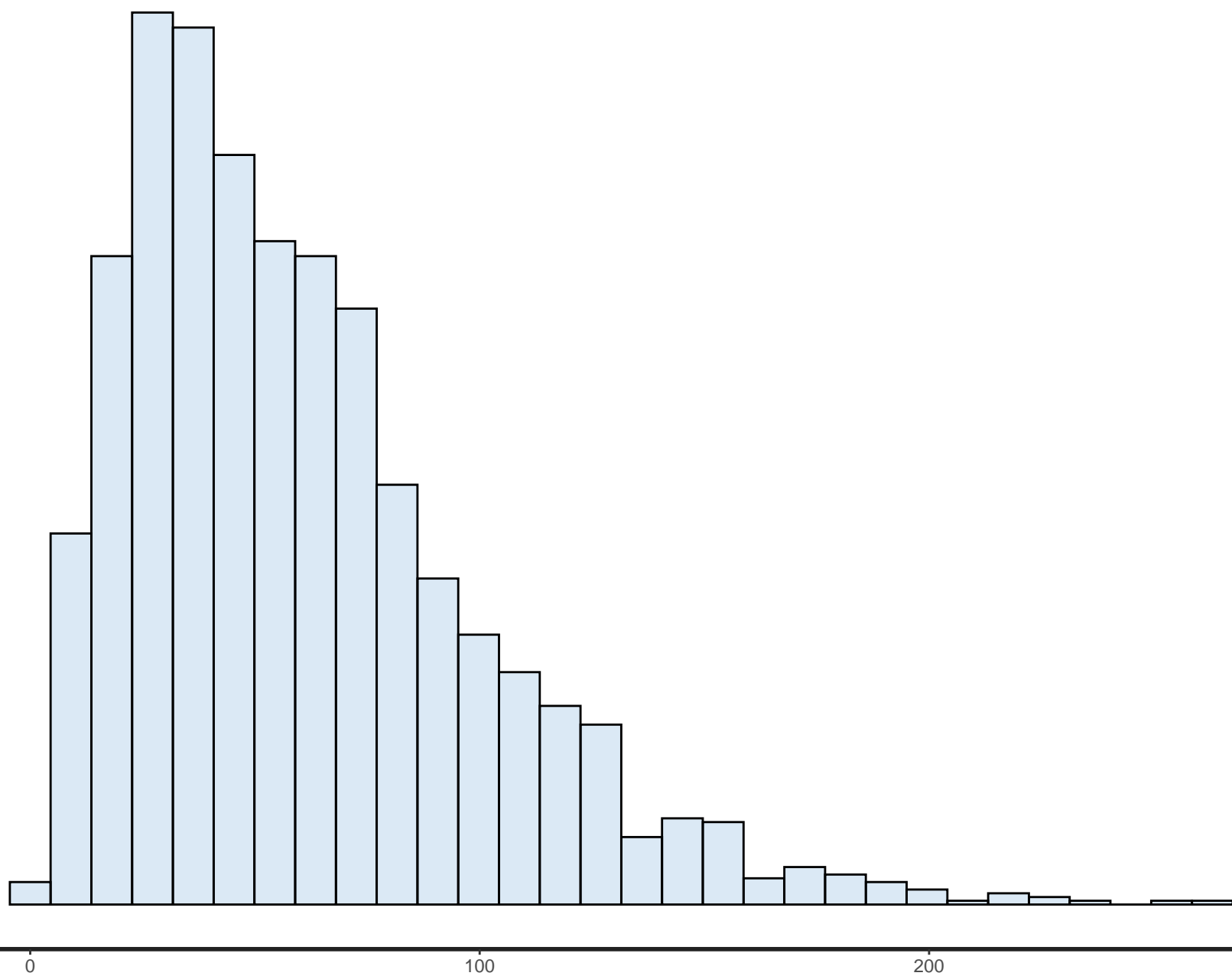


**frac\_PUI[3]**

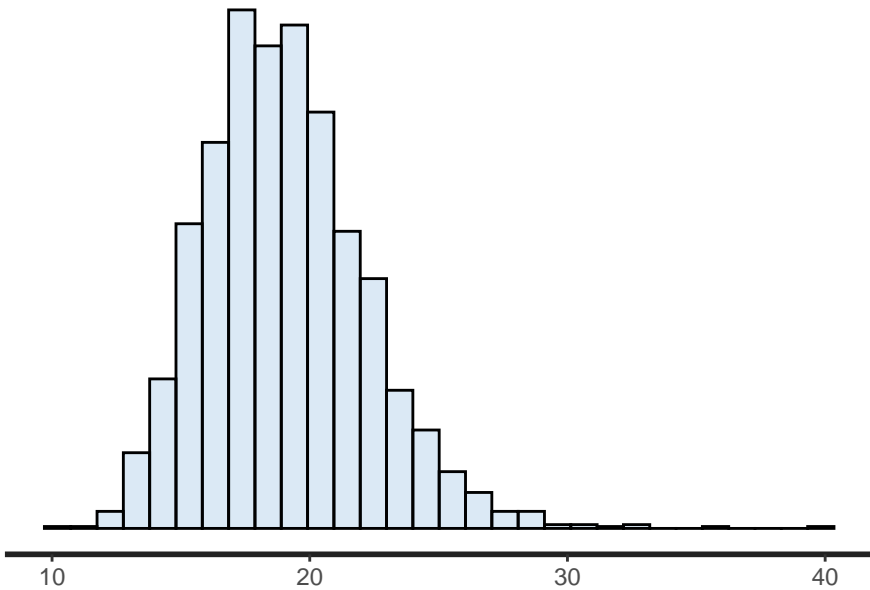


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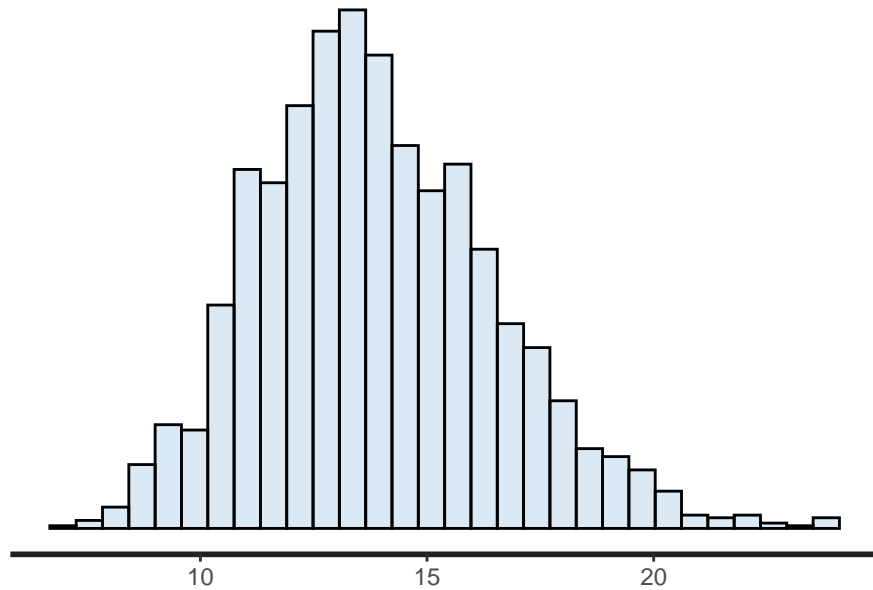




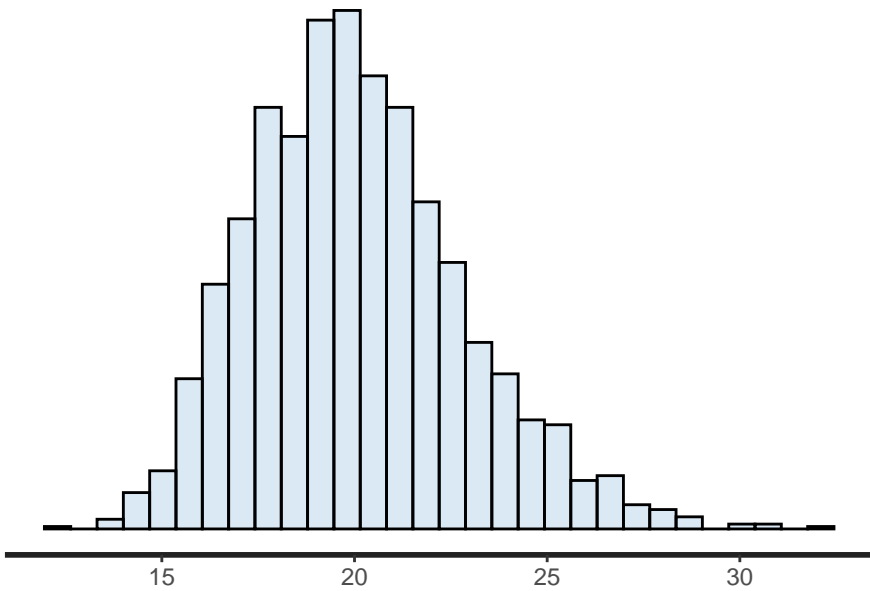
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

