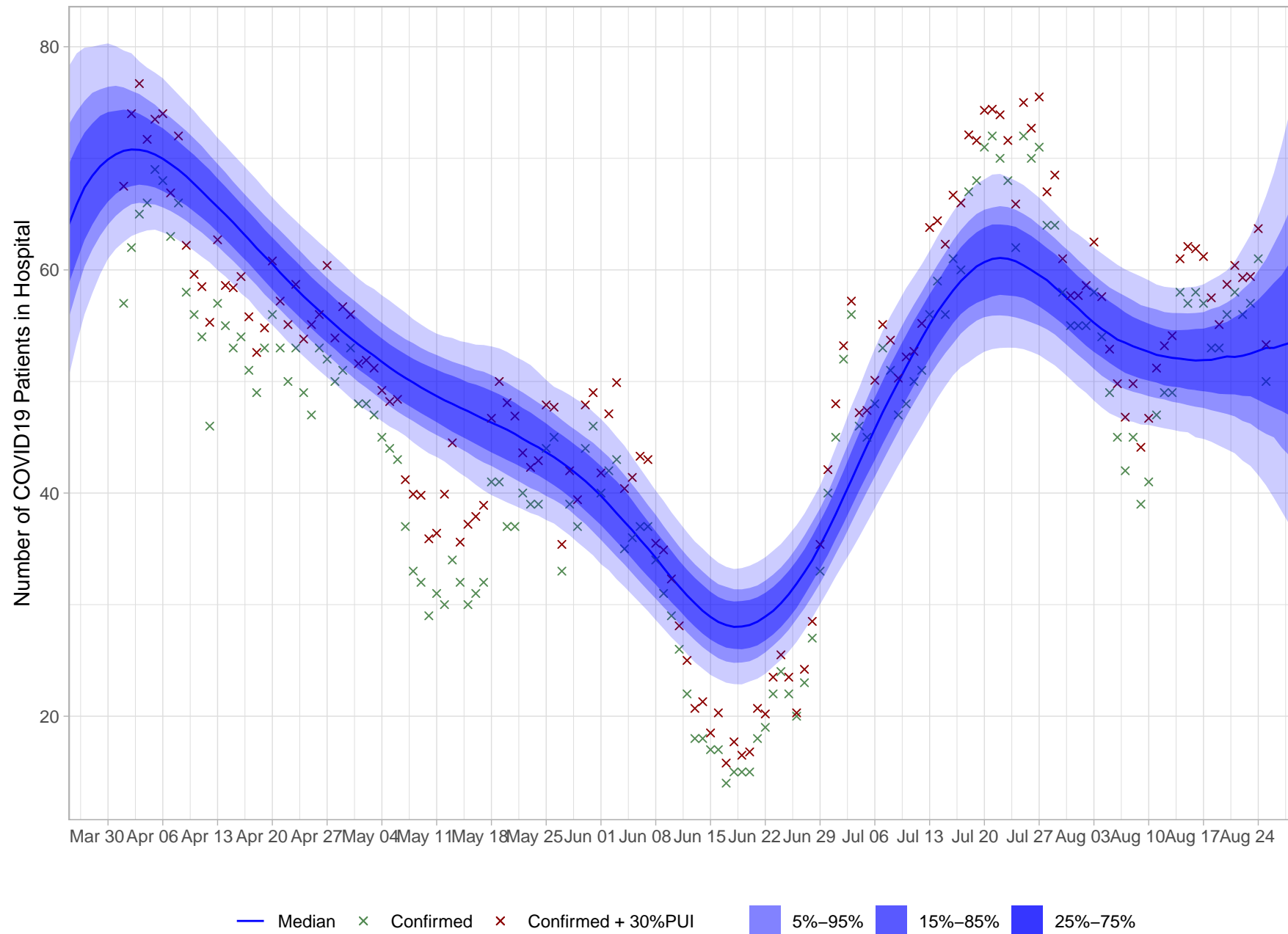
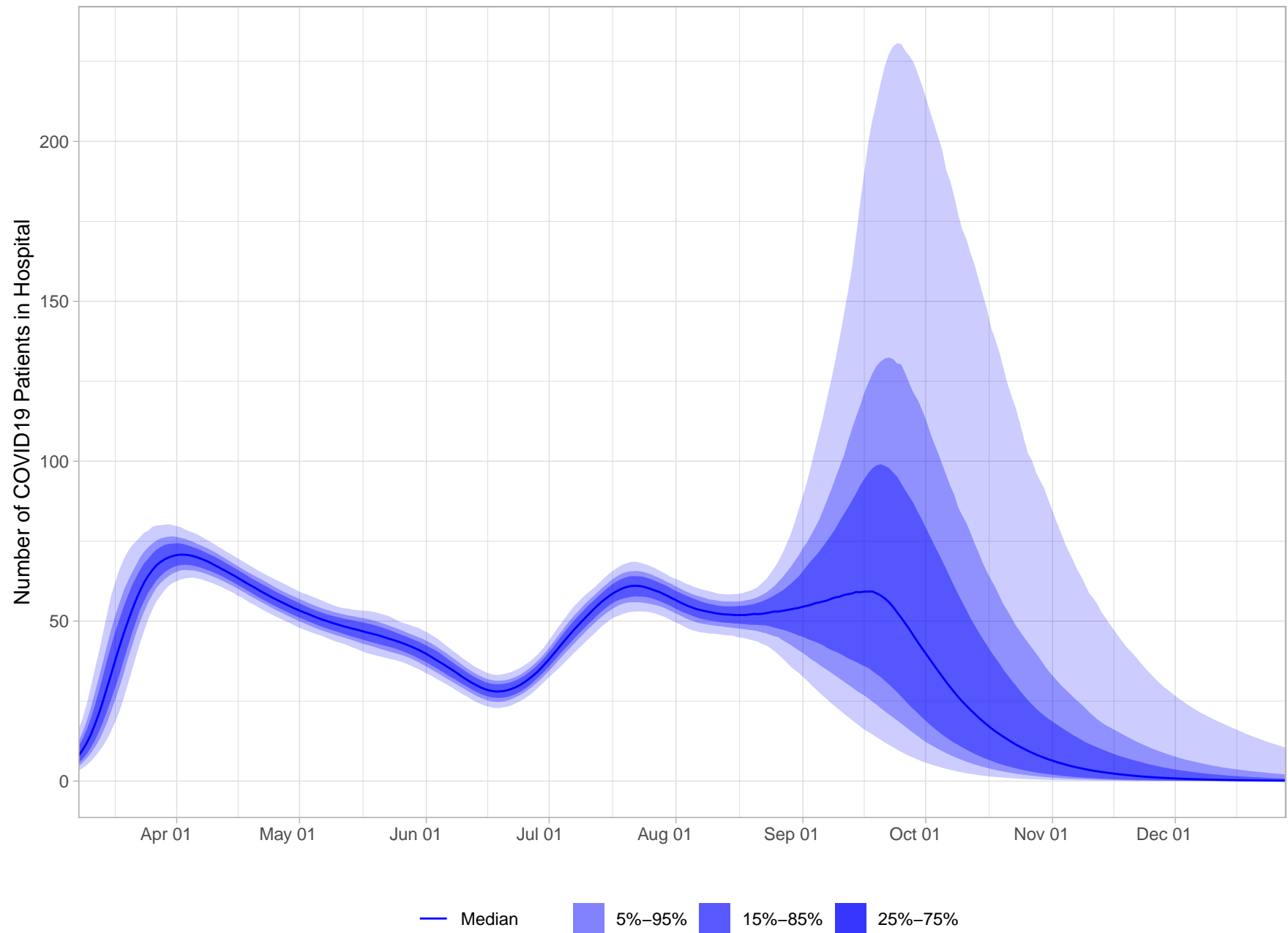


# Short Term Hospitalization Projection

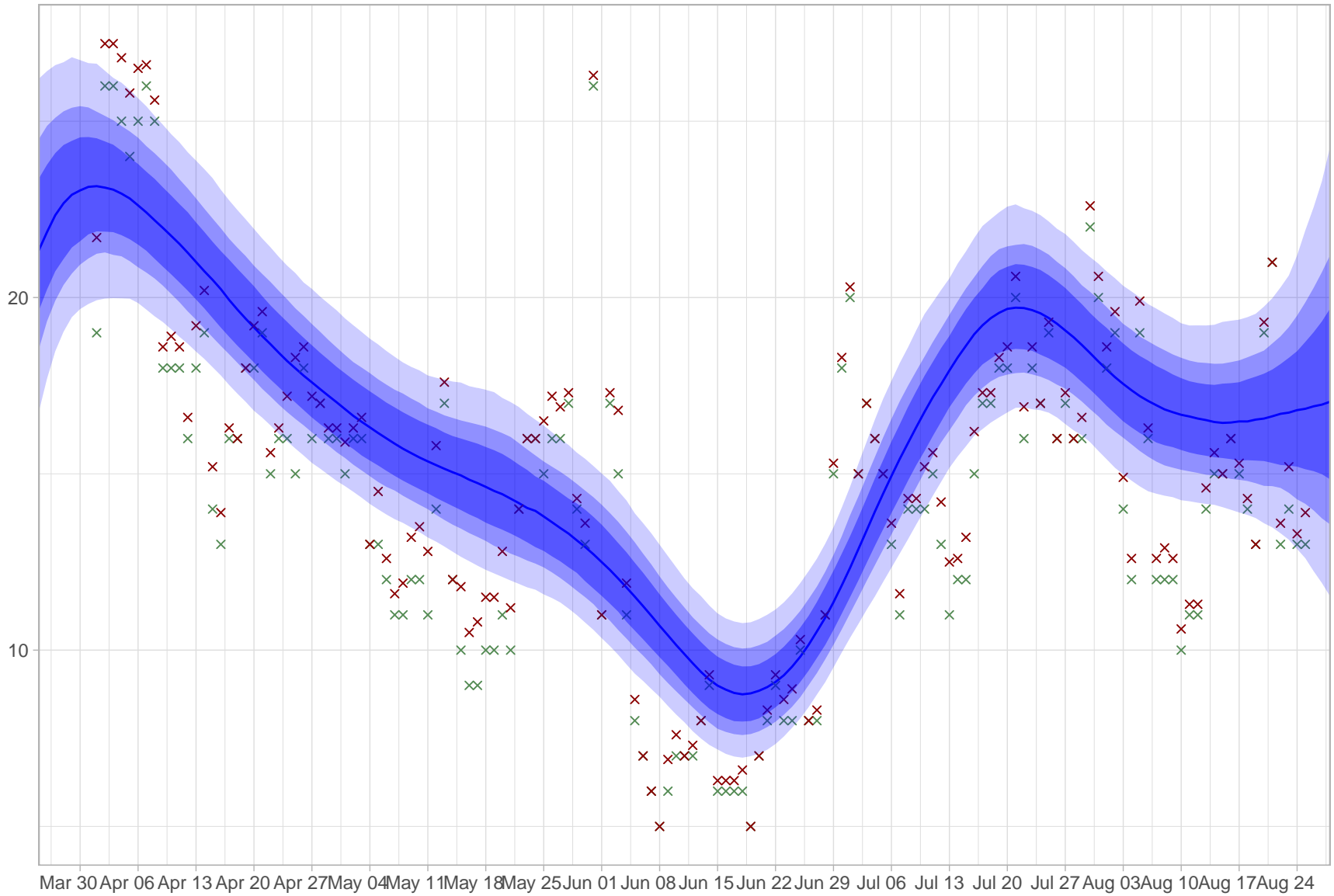


# Long Term Hospitalization Projection



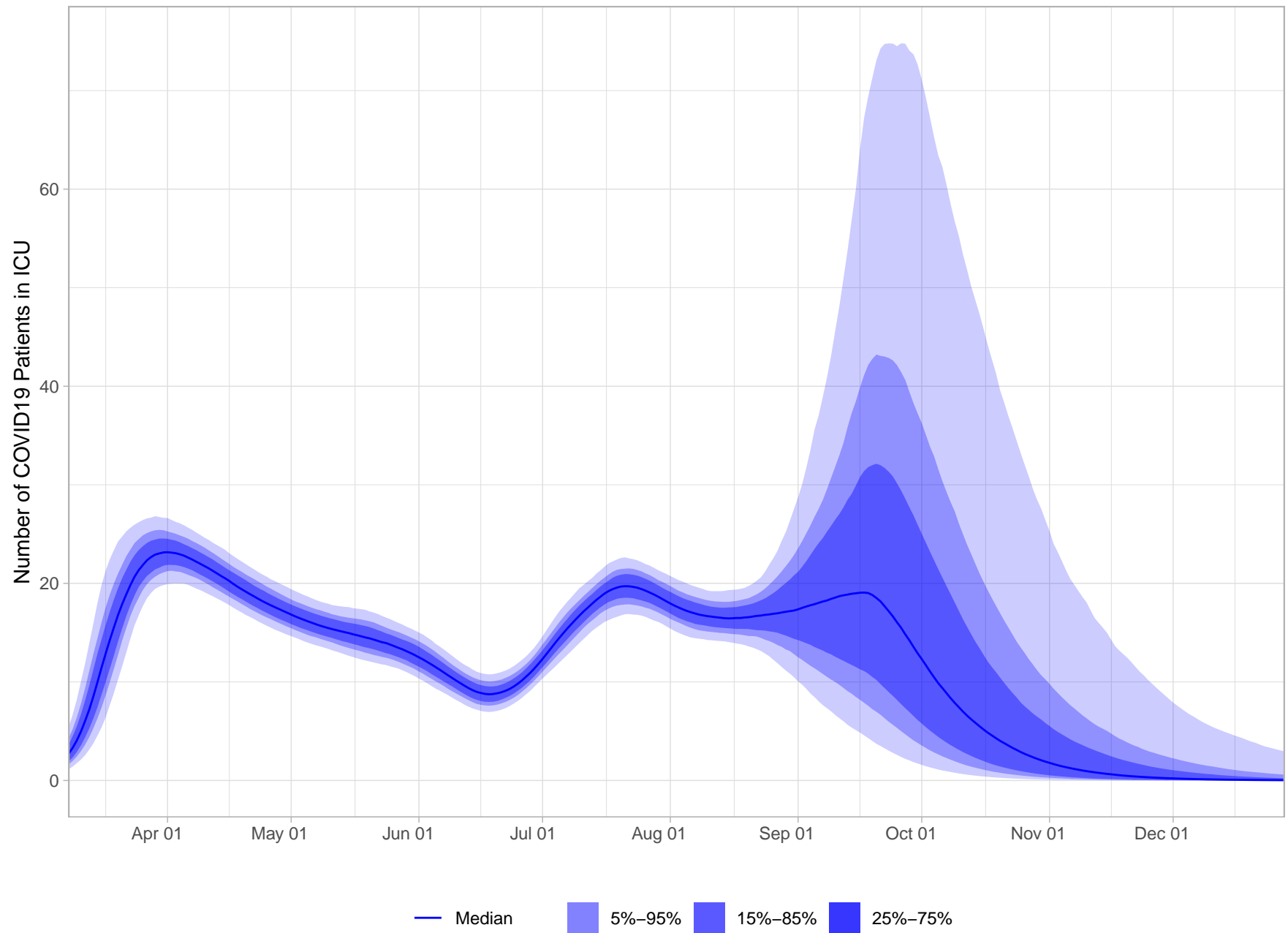
# Short Term ICU Projection

Number of COVID19 Patients in ICU



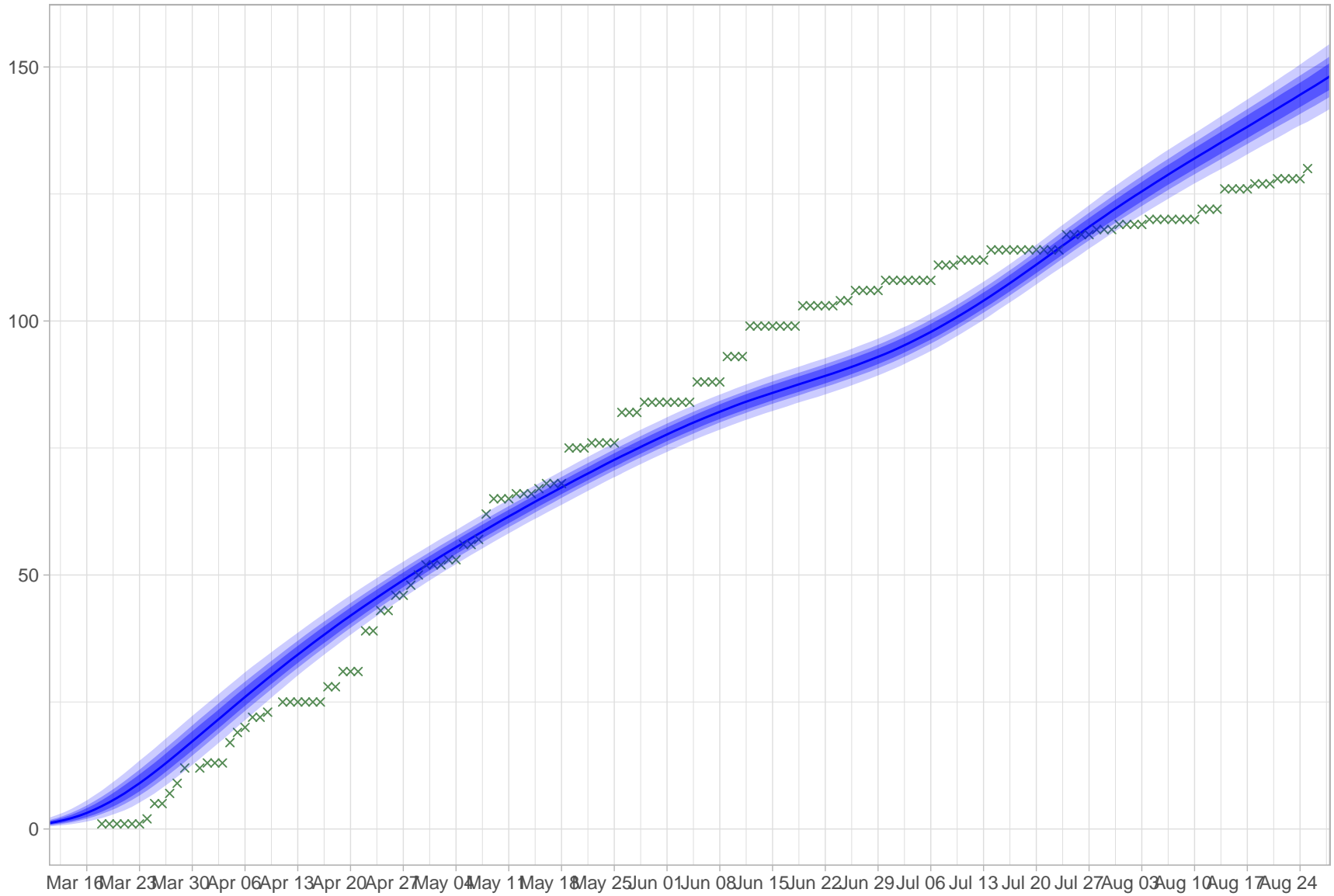
— Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

# Long Term ICU Projection



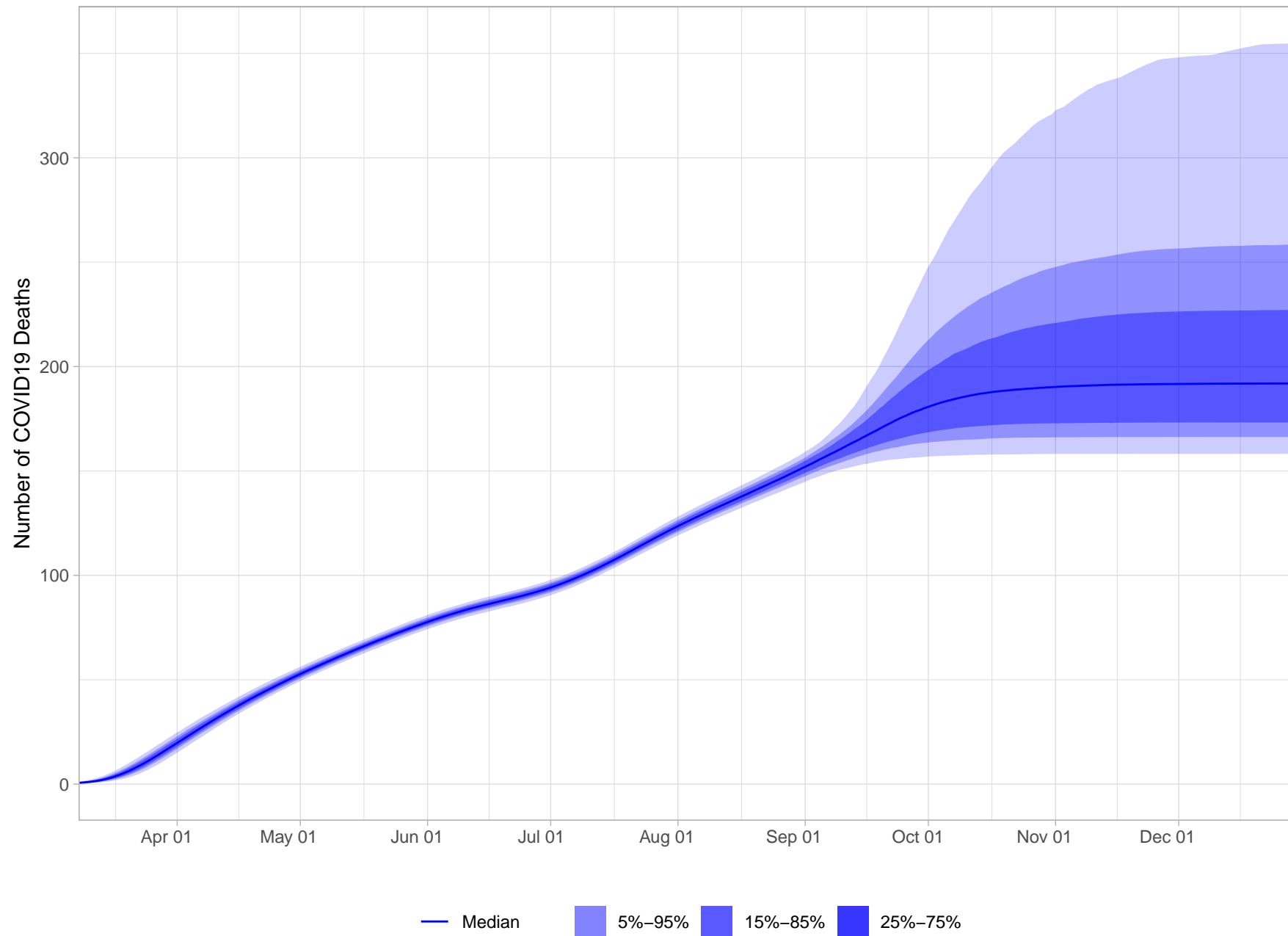
# Short Term Death Projection

Number of COVID19 Deaths

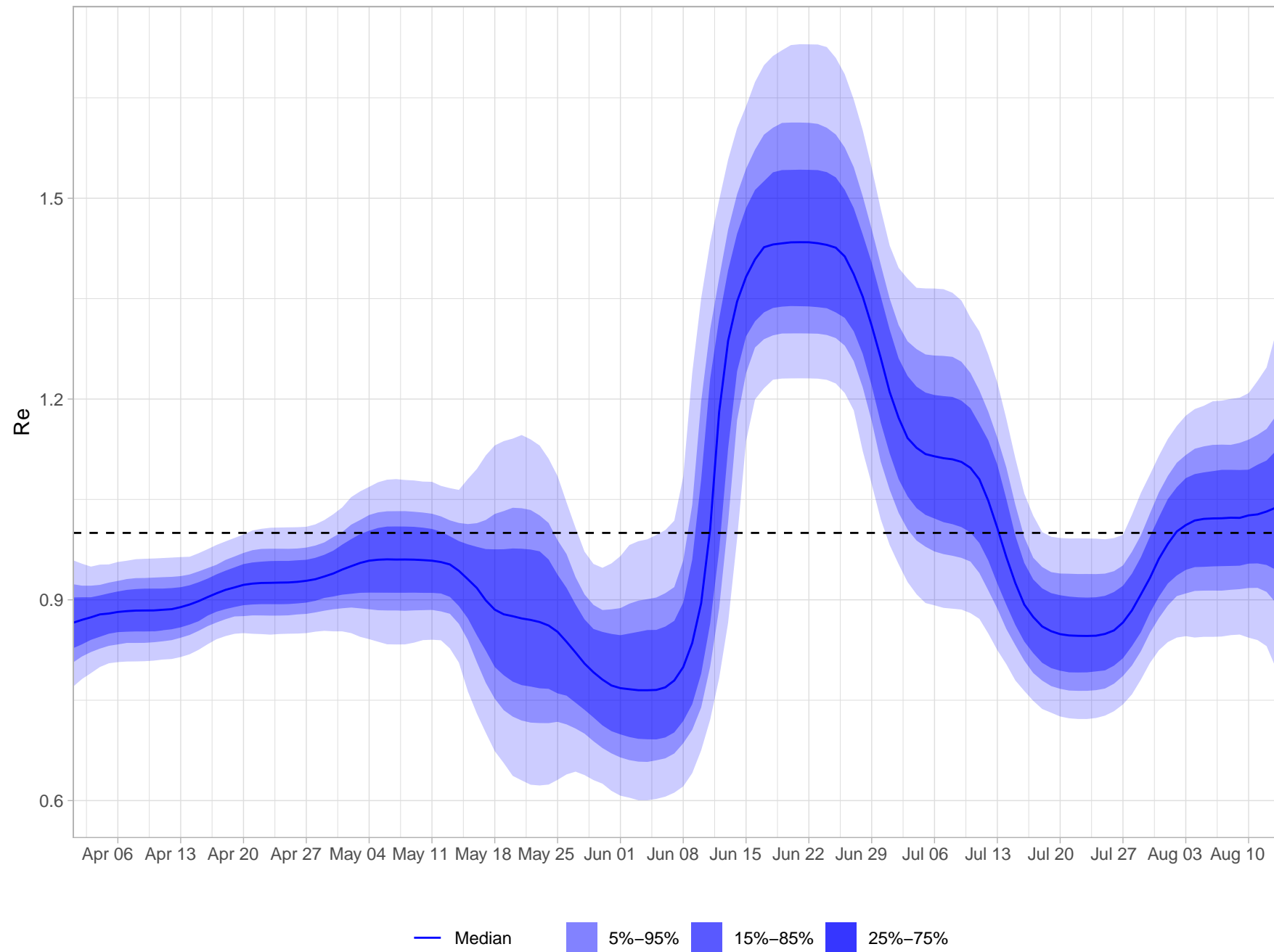


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

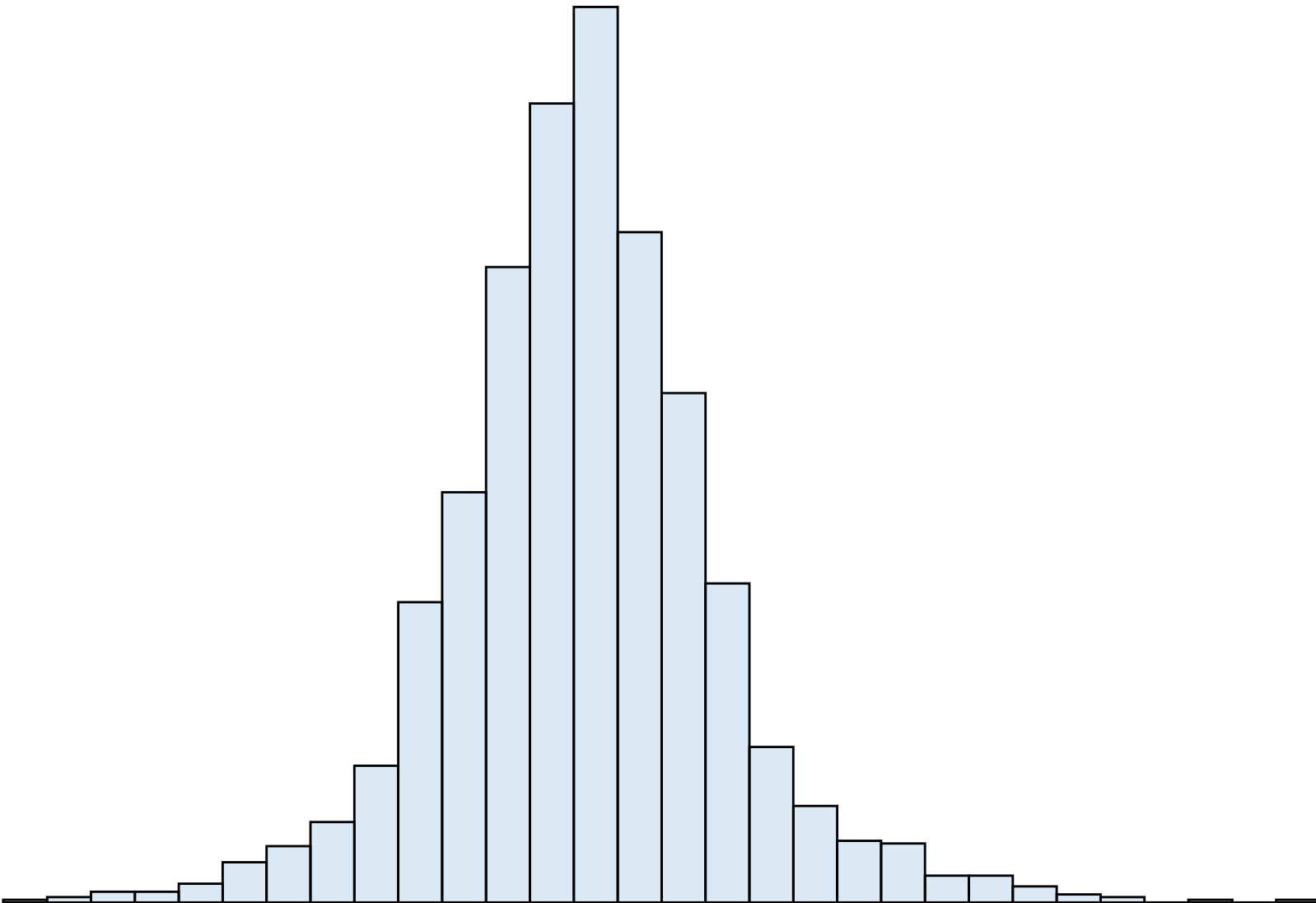


# Effective Reproduction Number

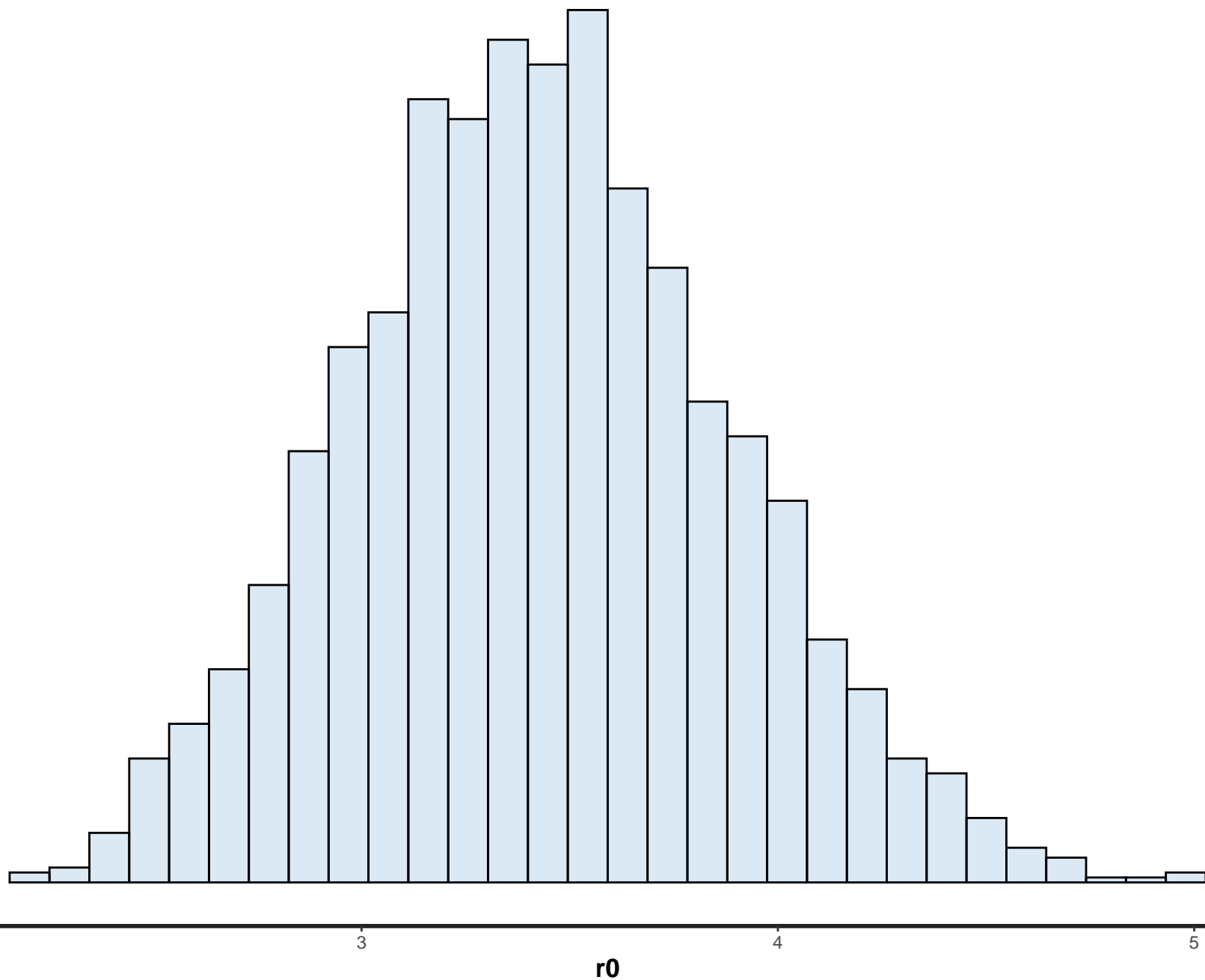


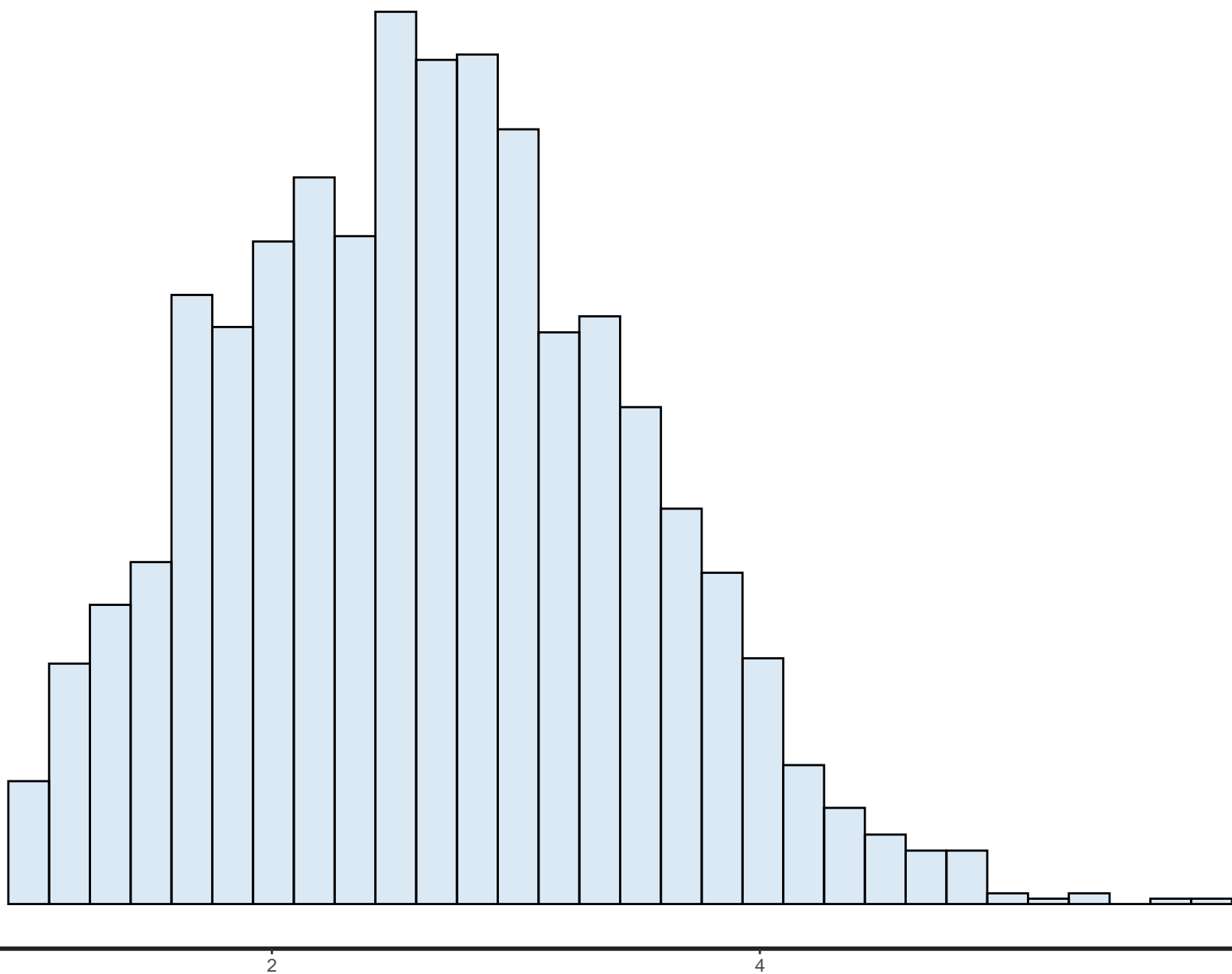
# Rt as of 2020-08-13

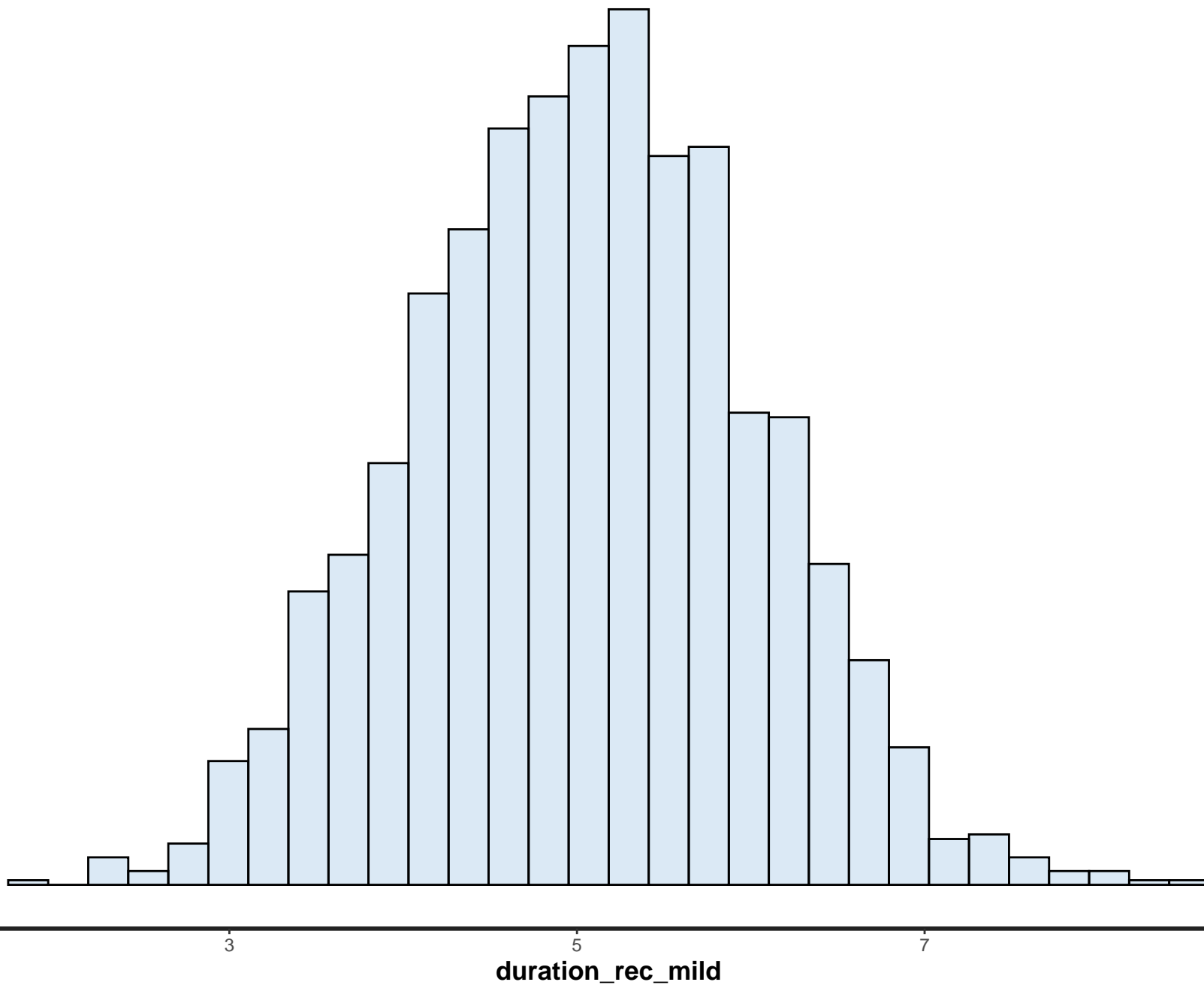
5%   10%   25%   50%   75%   90%   95%  
0.80   0.86   0.95   1.04   1.12   1.21   1.30

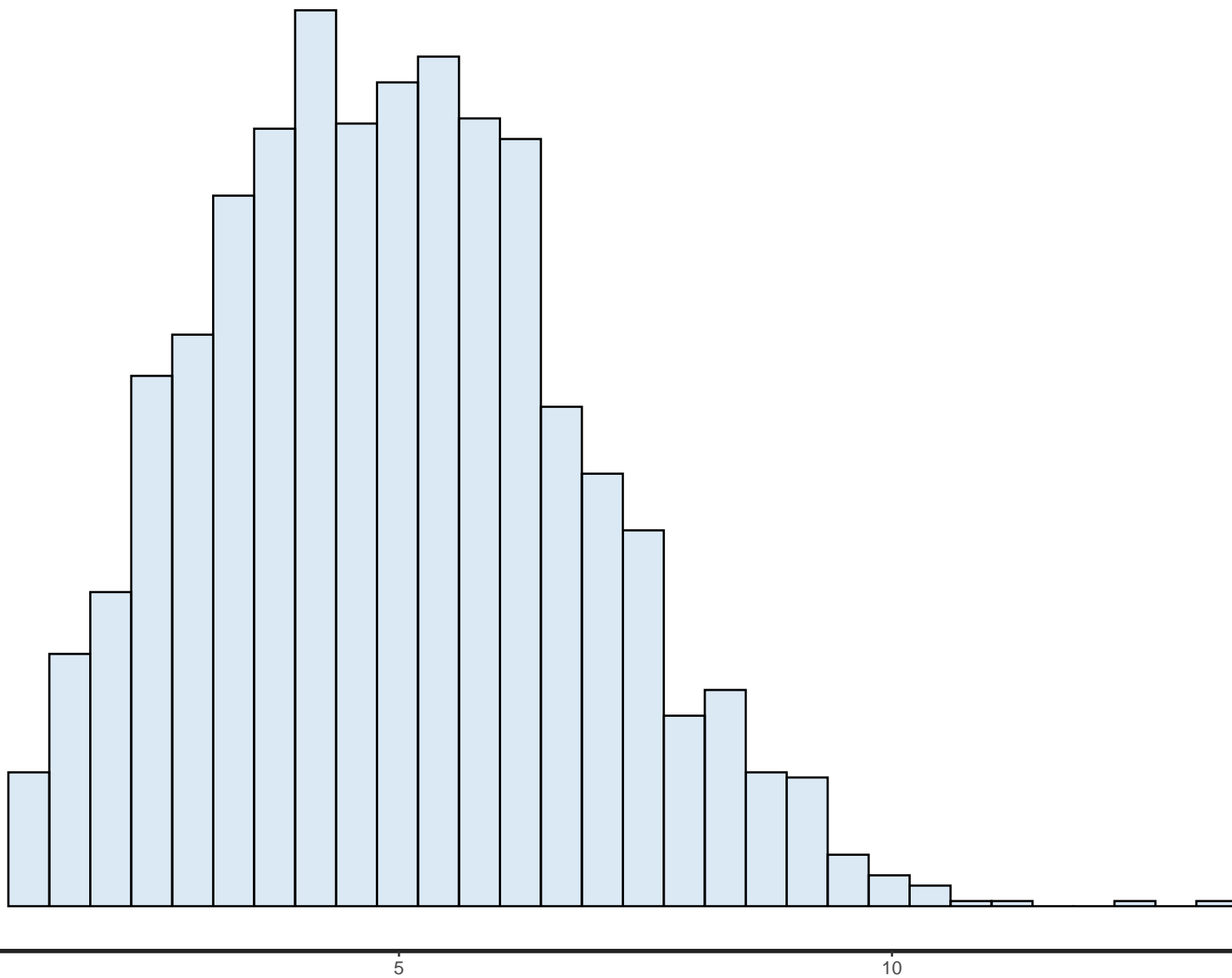


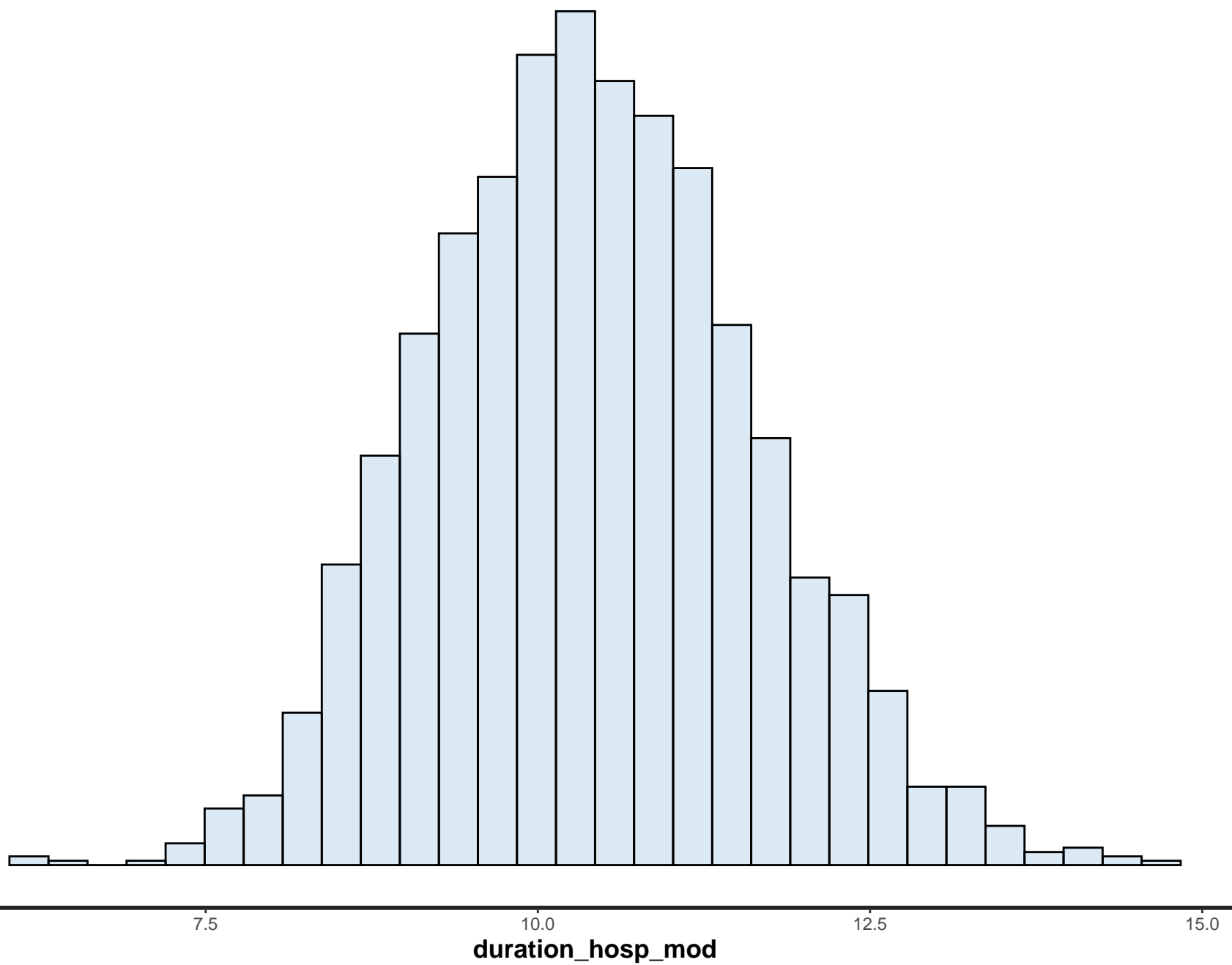


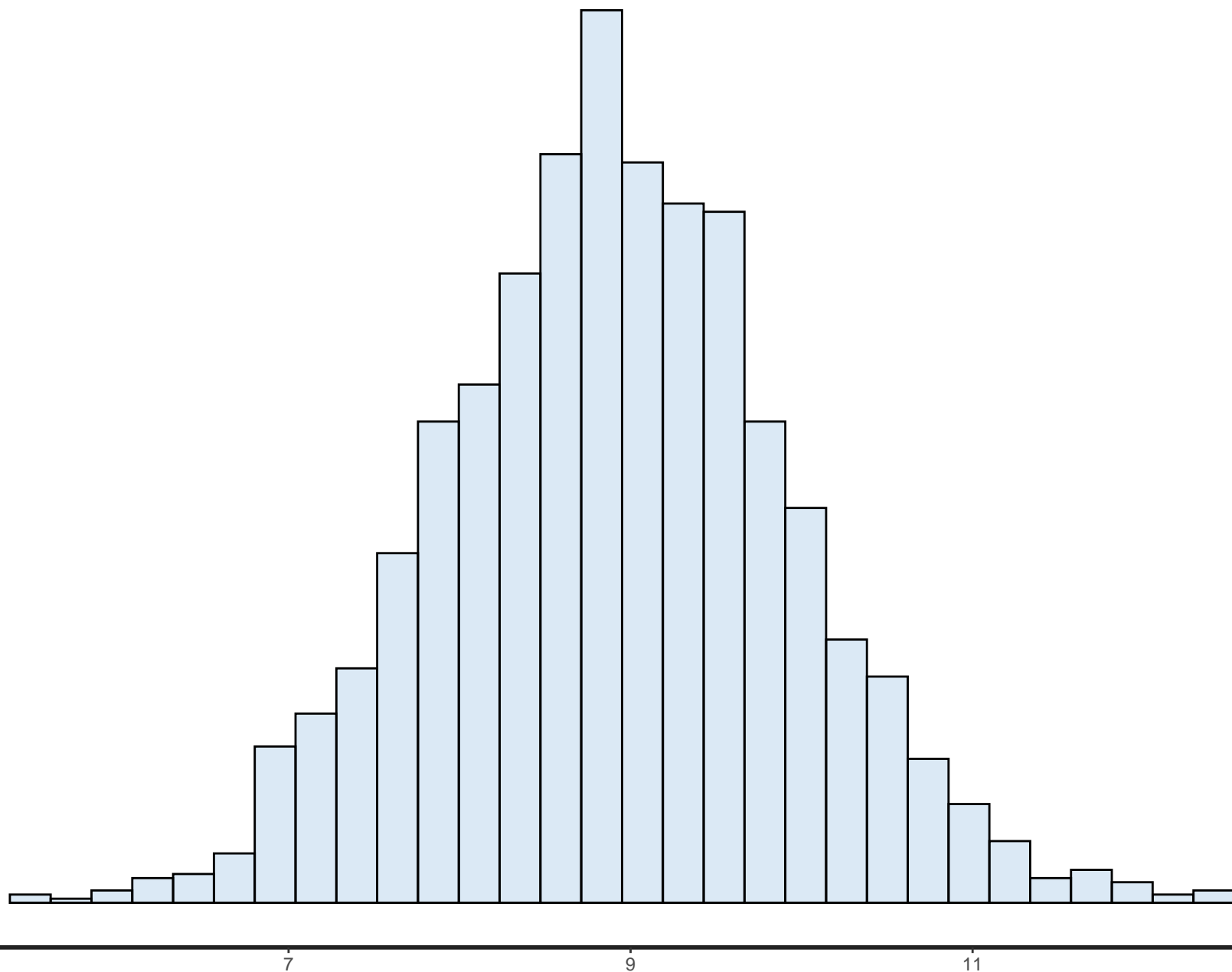


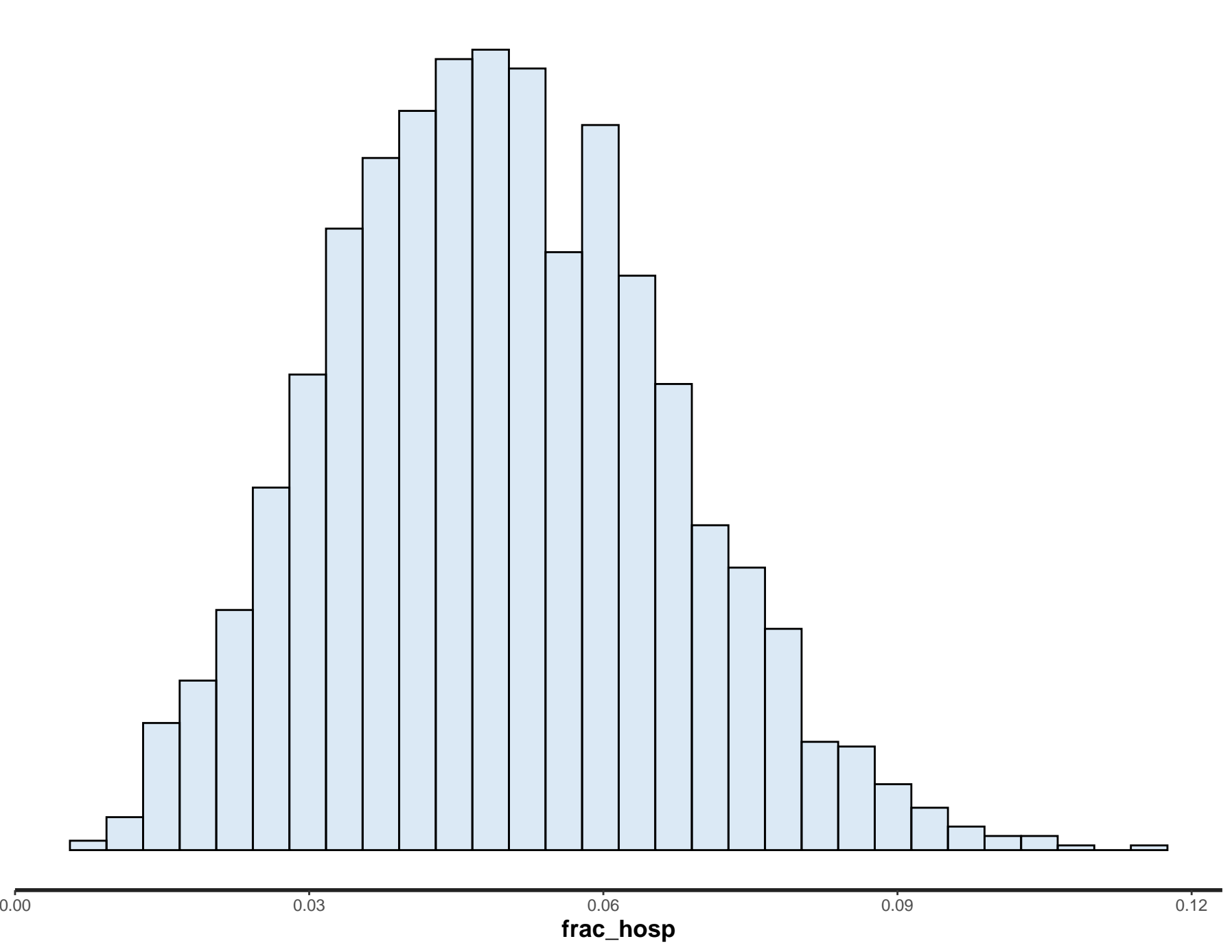


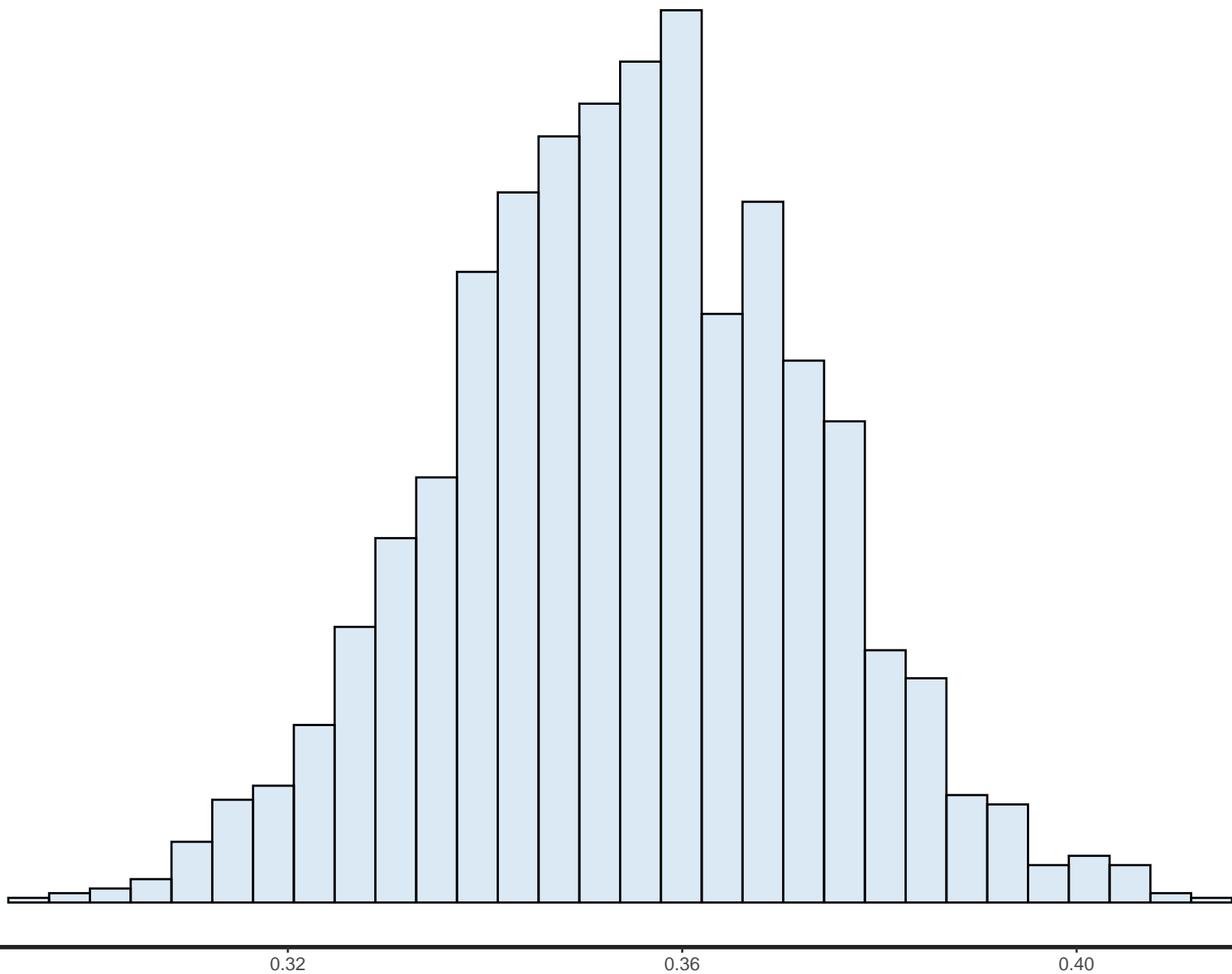




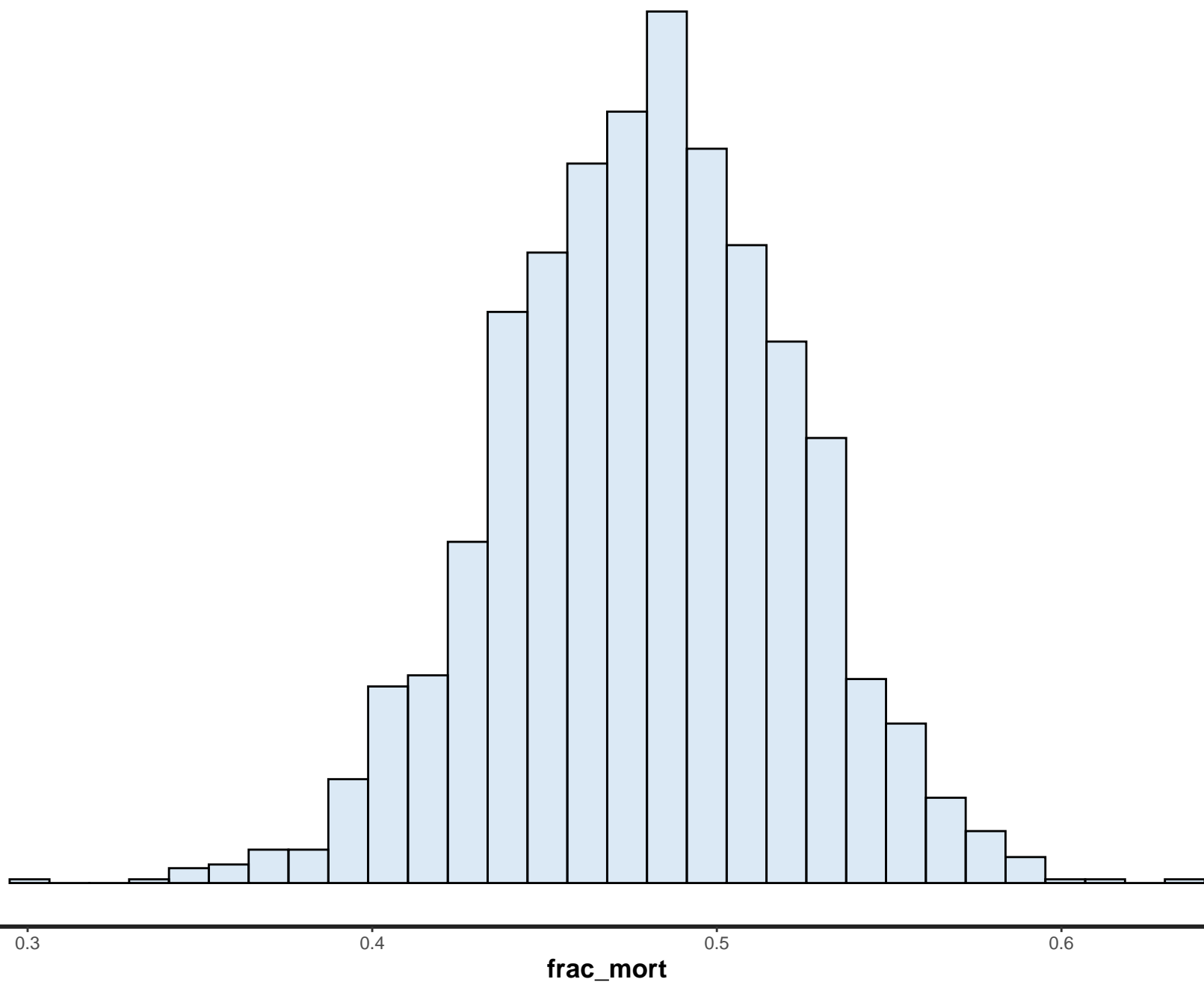


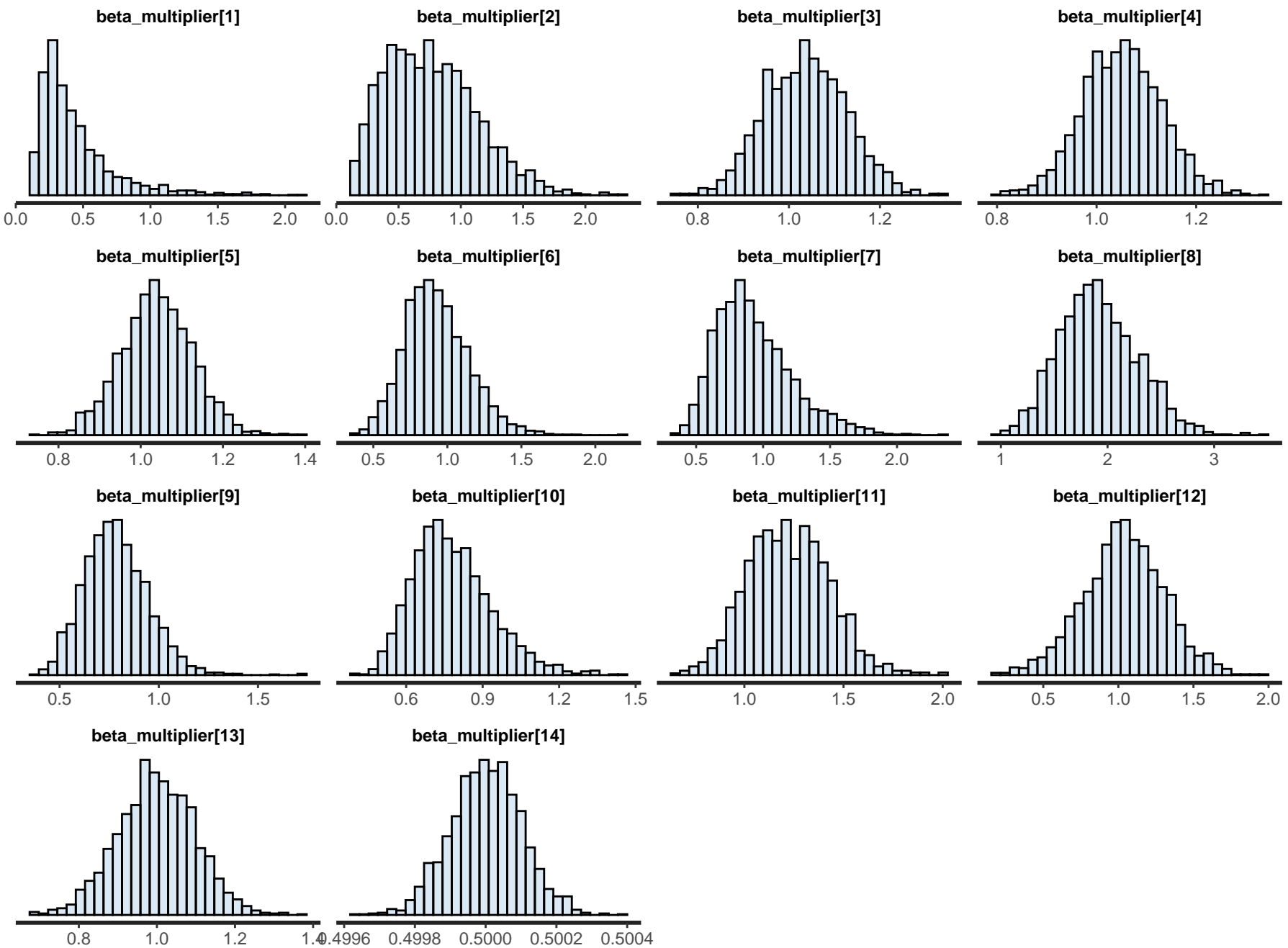


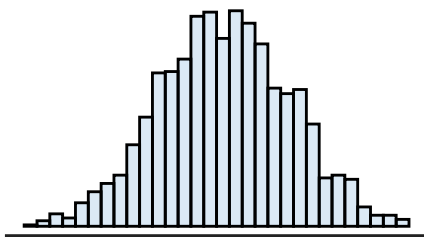




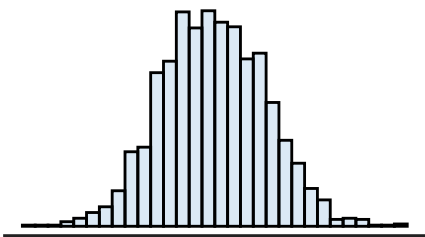




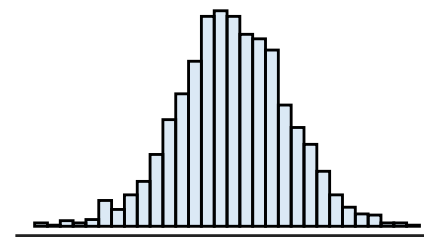


**t\_inter[1]**

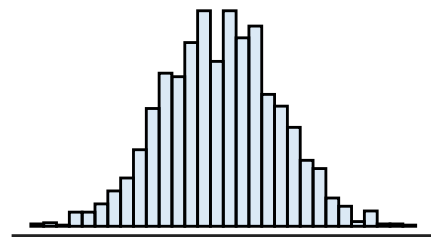
Mar 03 Mar 05 Mar 07 Mar 09 Mar 11

**t\_inter[2]**

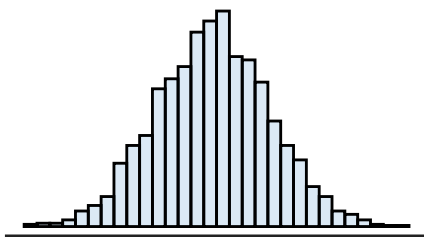
Mar 09 Mar 16 Mar 23

**t\_inter[3]**

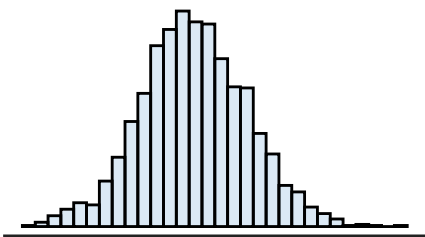
Mar 23 Mar 30 Apr 06

**t\_inter[4]**

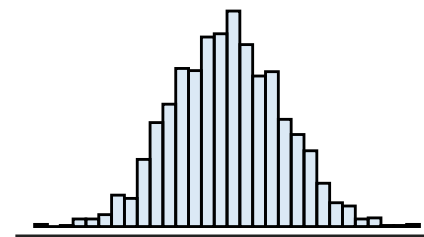
Apr 06 Apr 13 Apr 20

**t\_inter[5]**

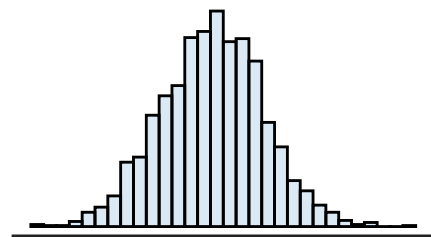
Apr 20 Apr 27 May 04

**t\_inter[6]**

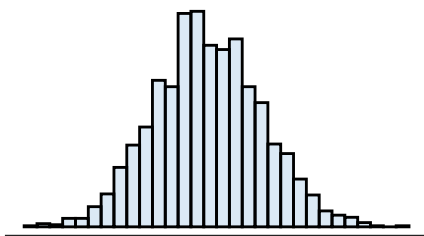
May 04 May 11 May 18

**t\_inter[7]**

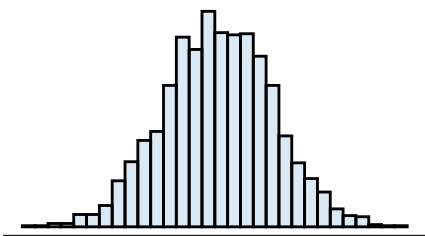
May 18 May 25 Jun 01

**t\_inter[8]**

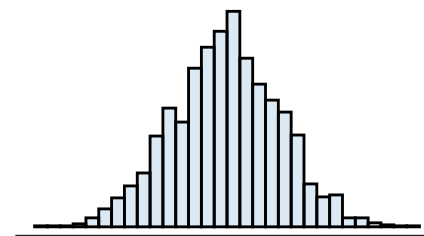
Jun 01 Jun 08 Jun 15

**t\_inter[9]**

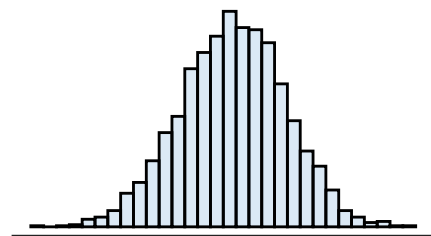
Jun 22 Jun 29

**t\_inter[10]**

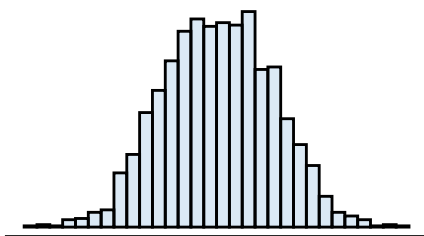
Jul 06 Jul 13

**t\_inter[11]**

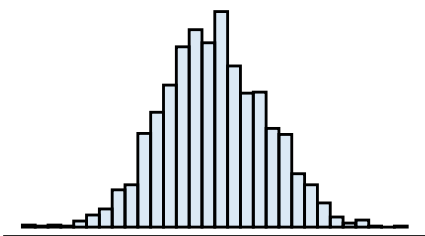
Jul 20 Jul 27

**t\_inter[12]**

Aug 03 Aug 10 Aug 17

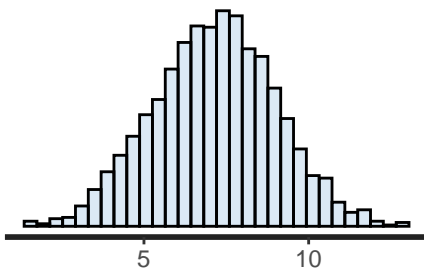
**t\_inter[13]**

Aug 24 Aug 31

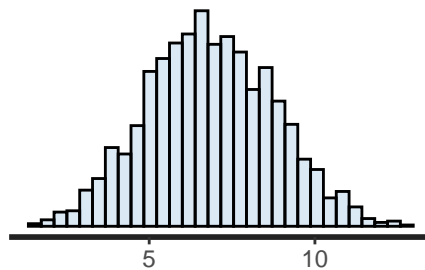
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Sep 11

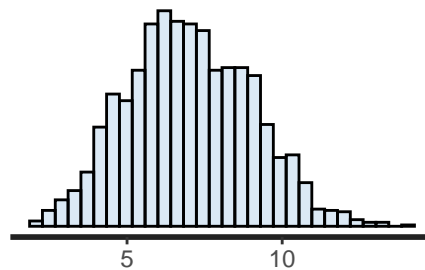
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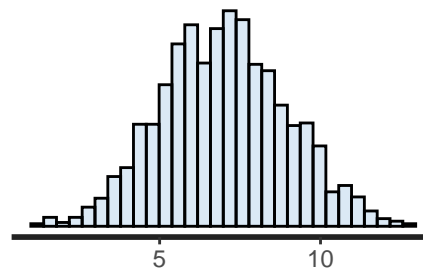
len\_inter[2]



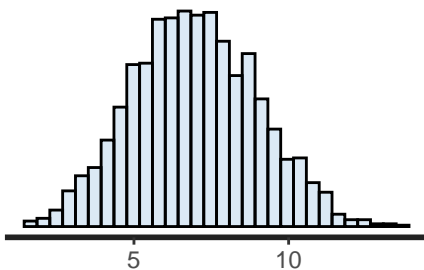
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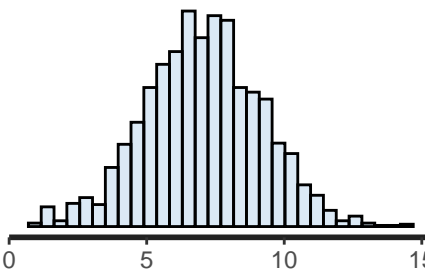
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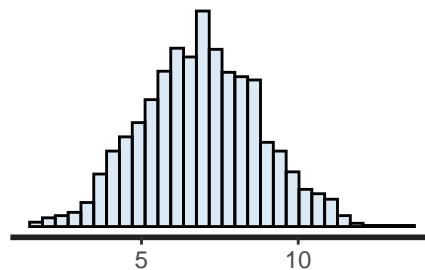
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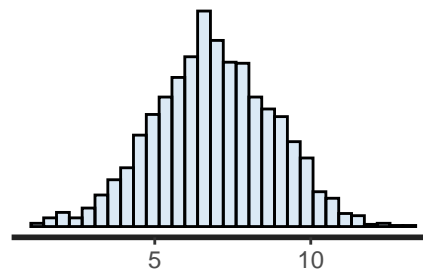
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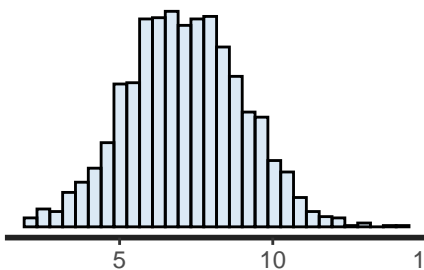
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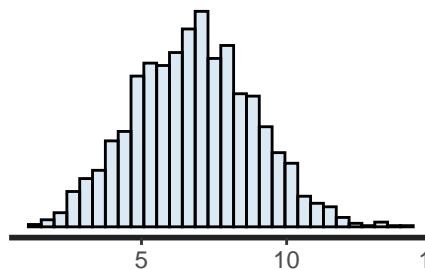
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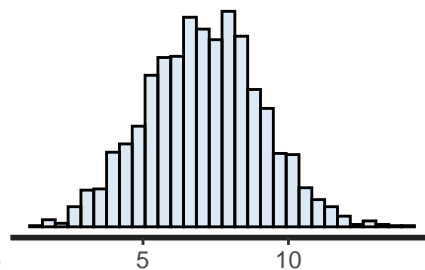
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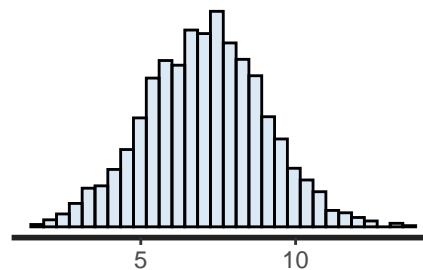
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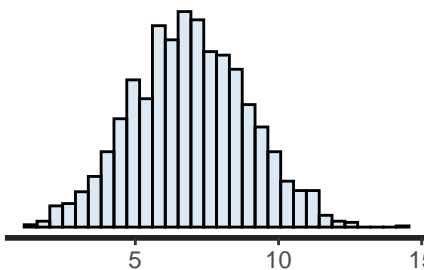
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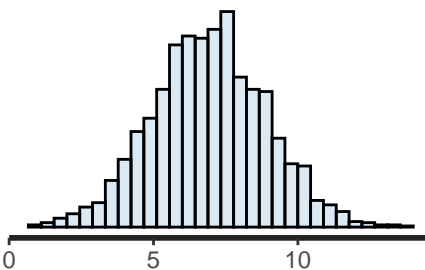
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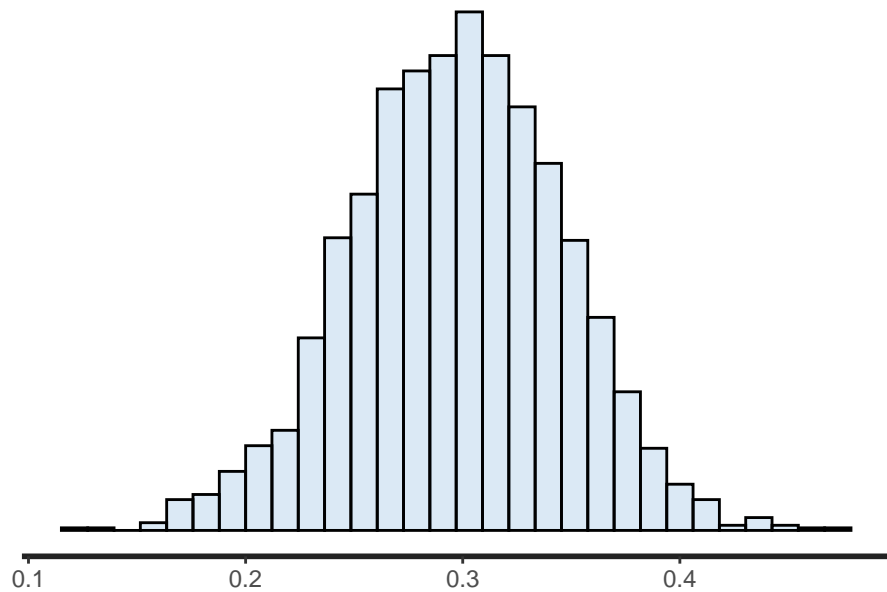
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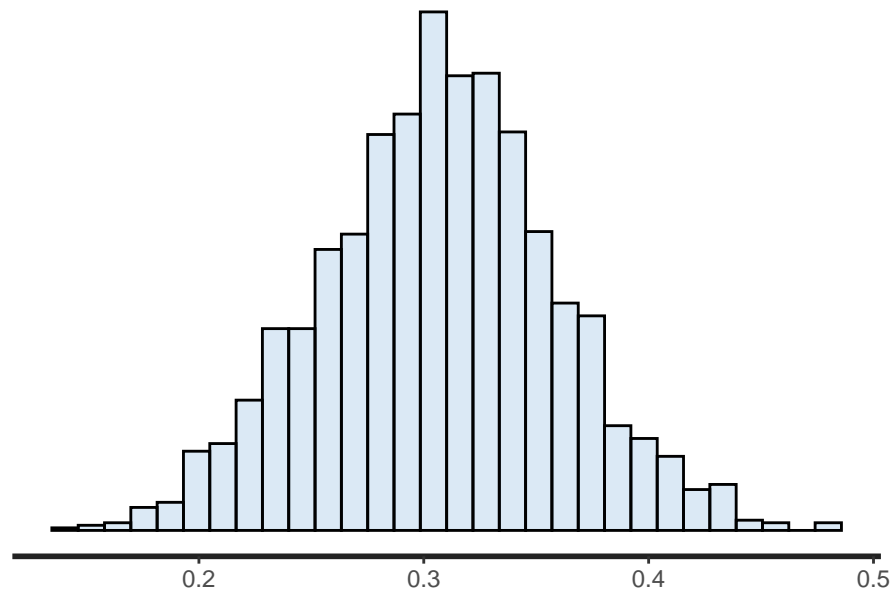
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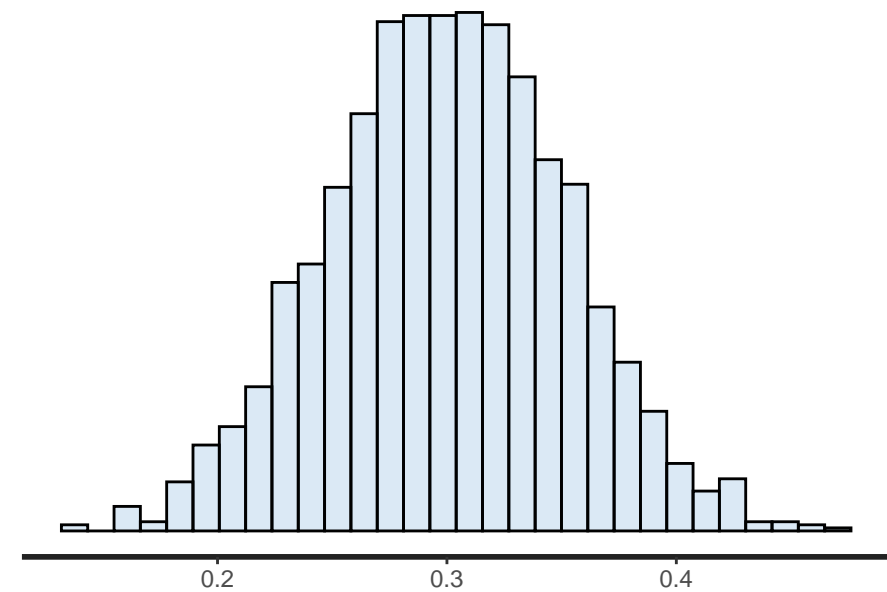
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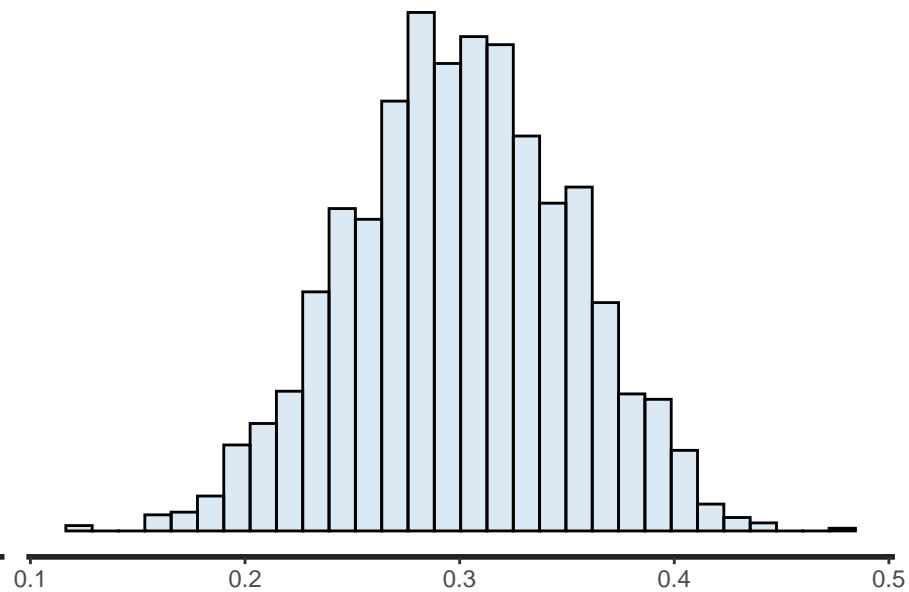
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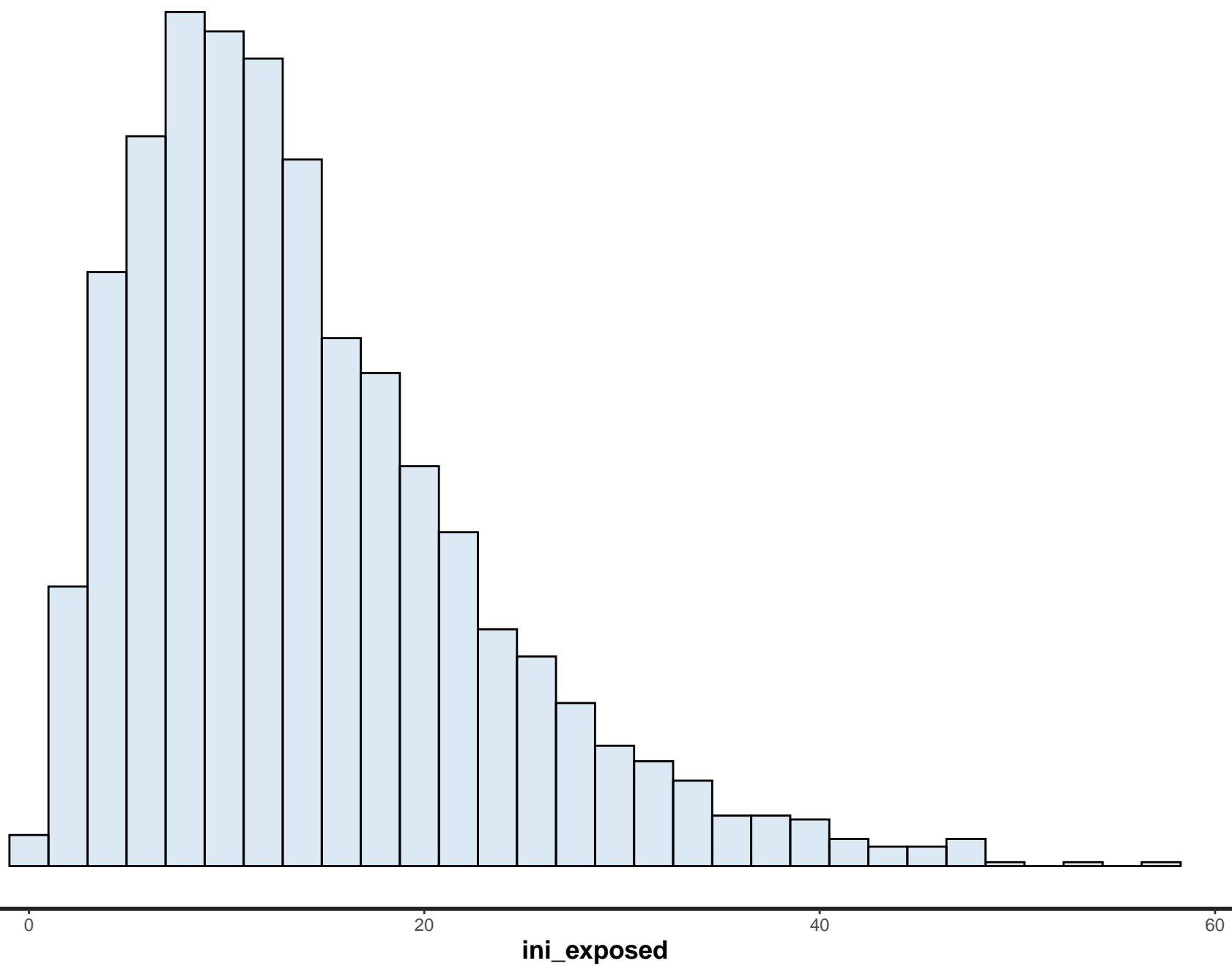


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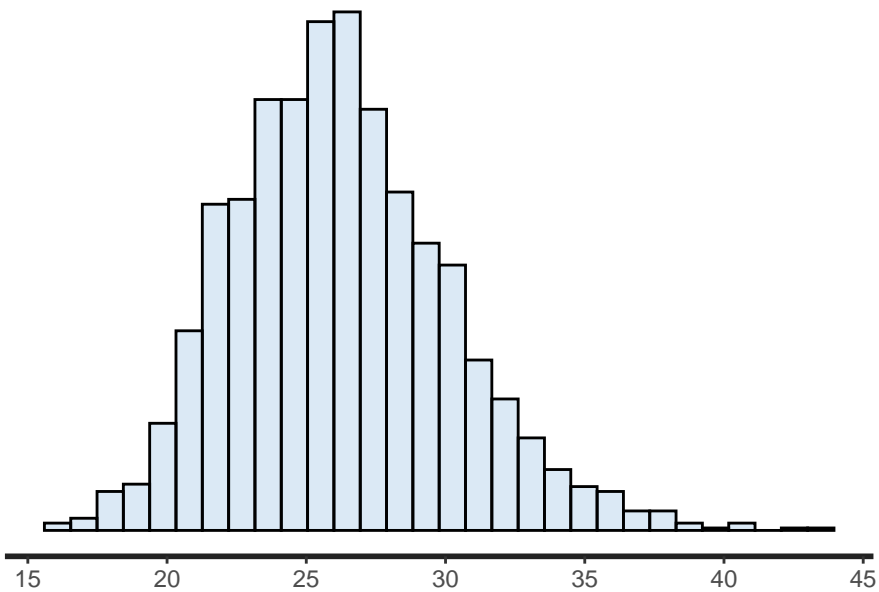


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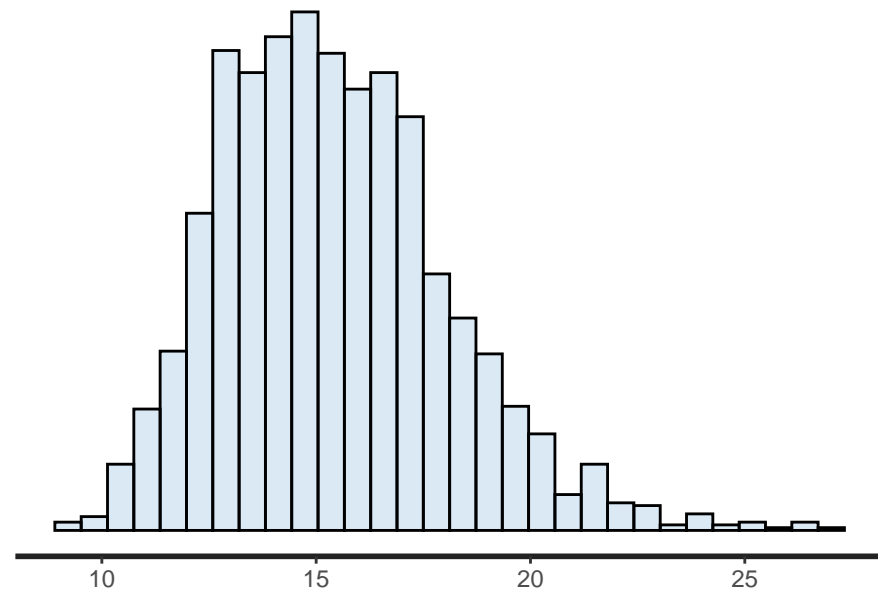




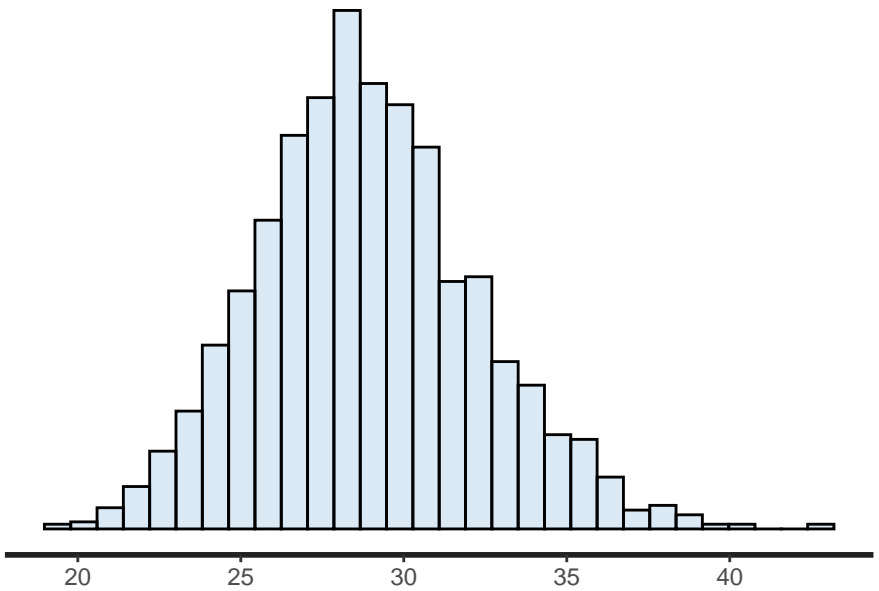
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

