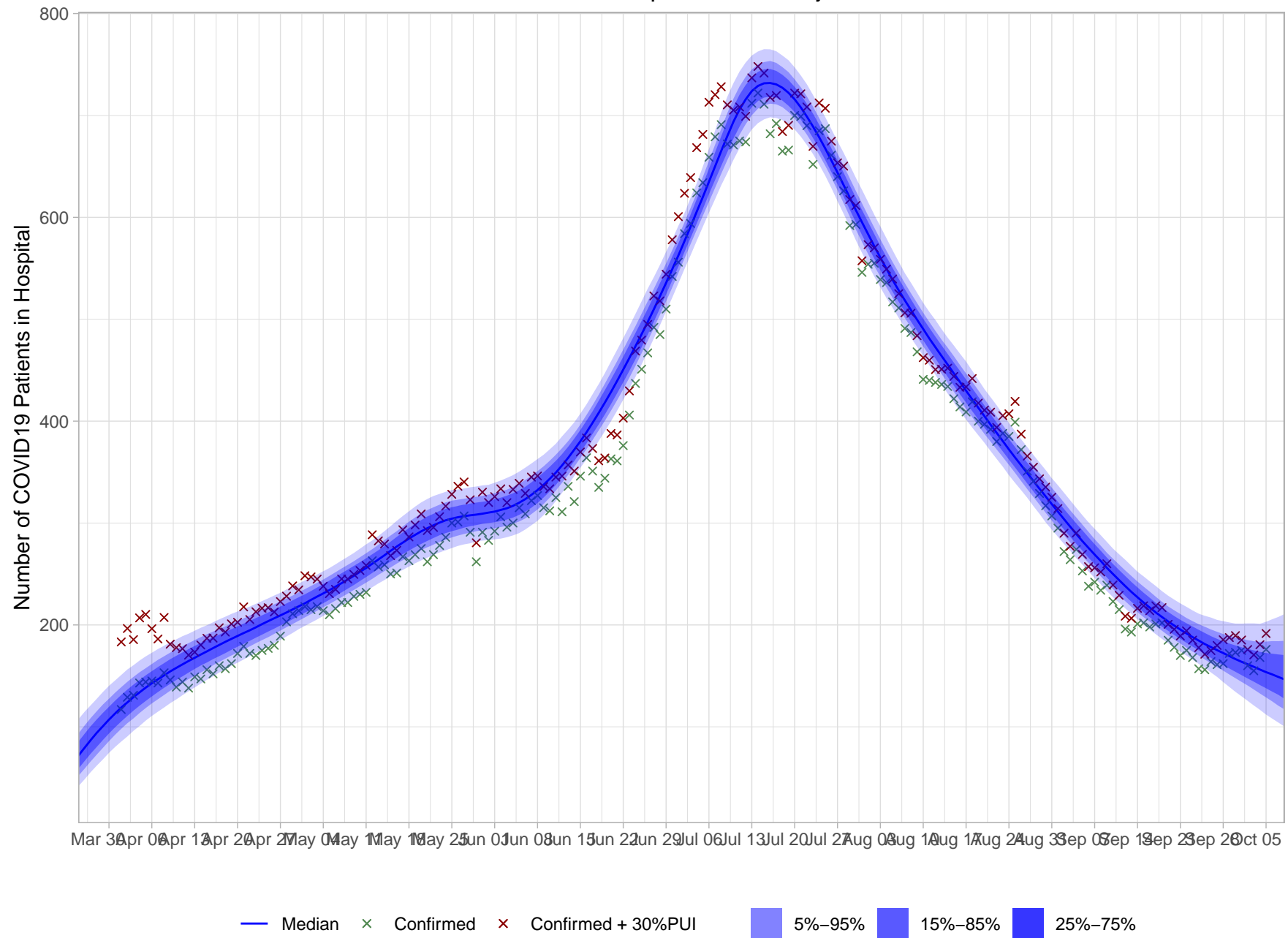


# Short Term Hospitalization Projection



# Long Term Hospitalization Projection

Number of COVID19 Patients in Hospital

2000

1000

0

Apr 01

May 01

Jun 01

Jul 01

Aug 01

Sep 01

Oct 01

Nov 01

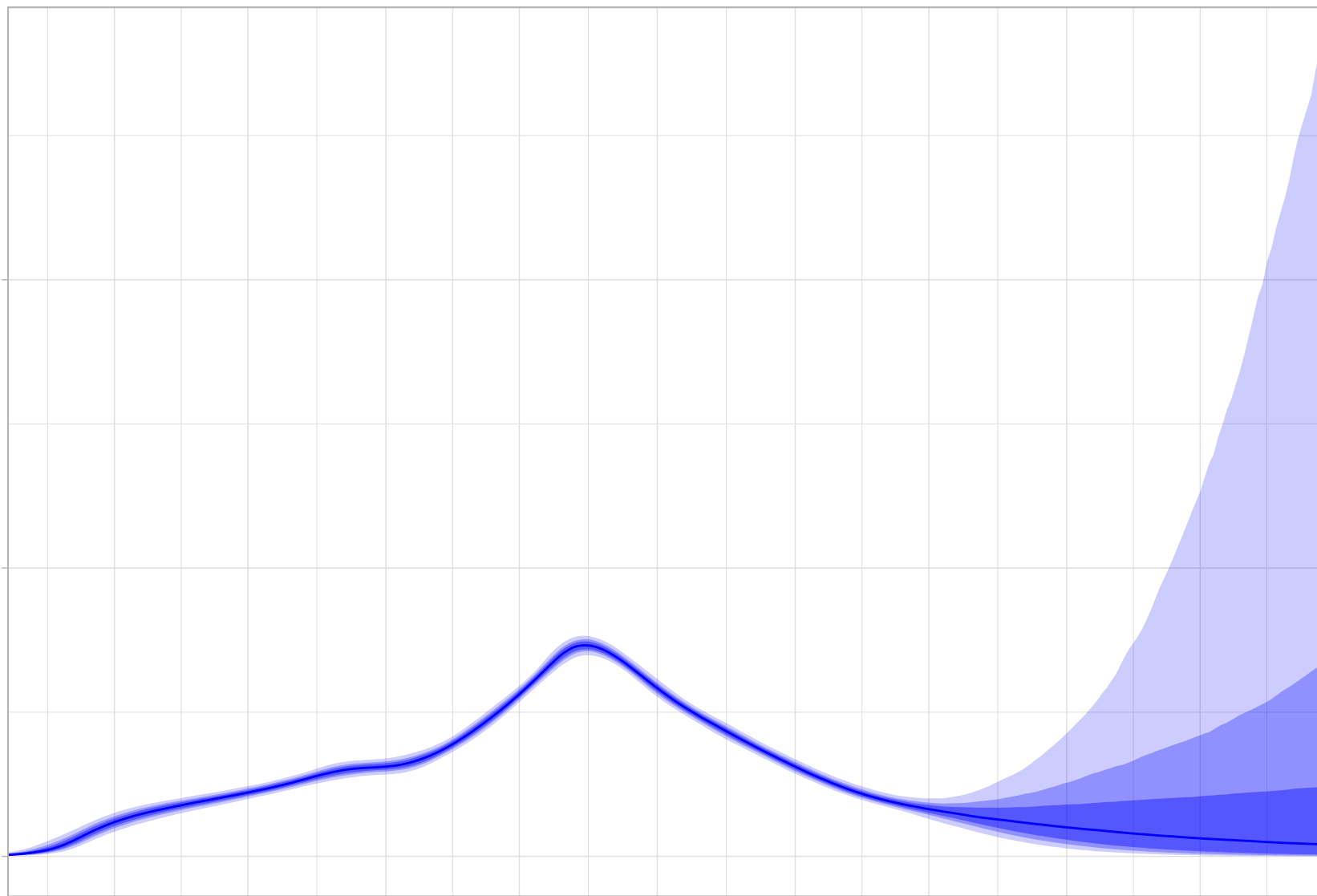
Dec 01

— Median

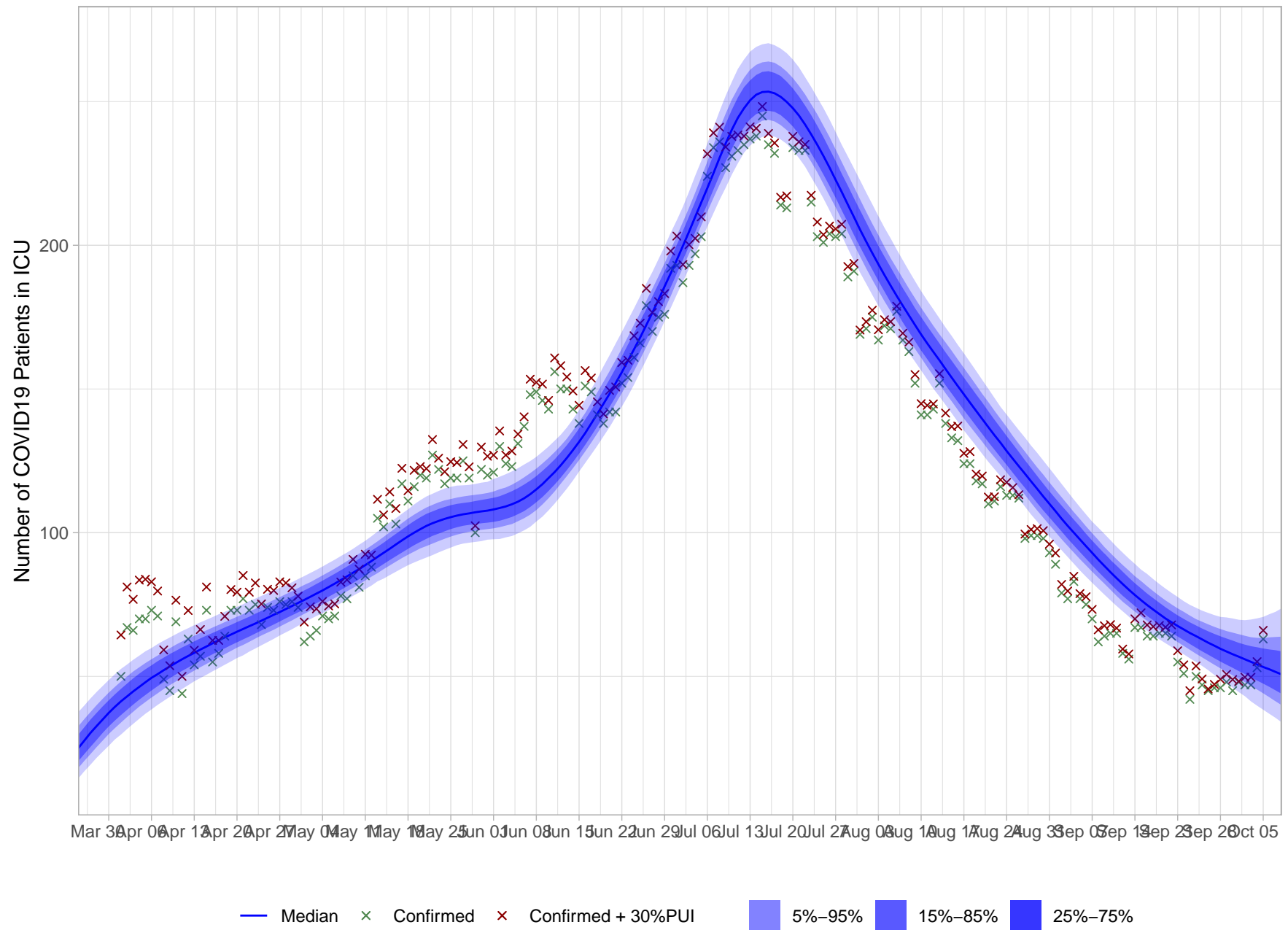
5%–95%

15%–85%

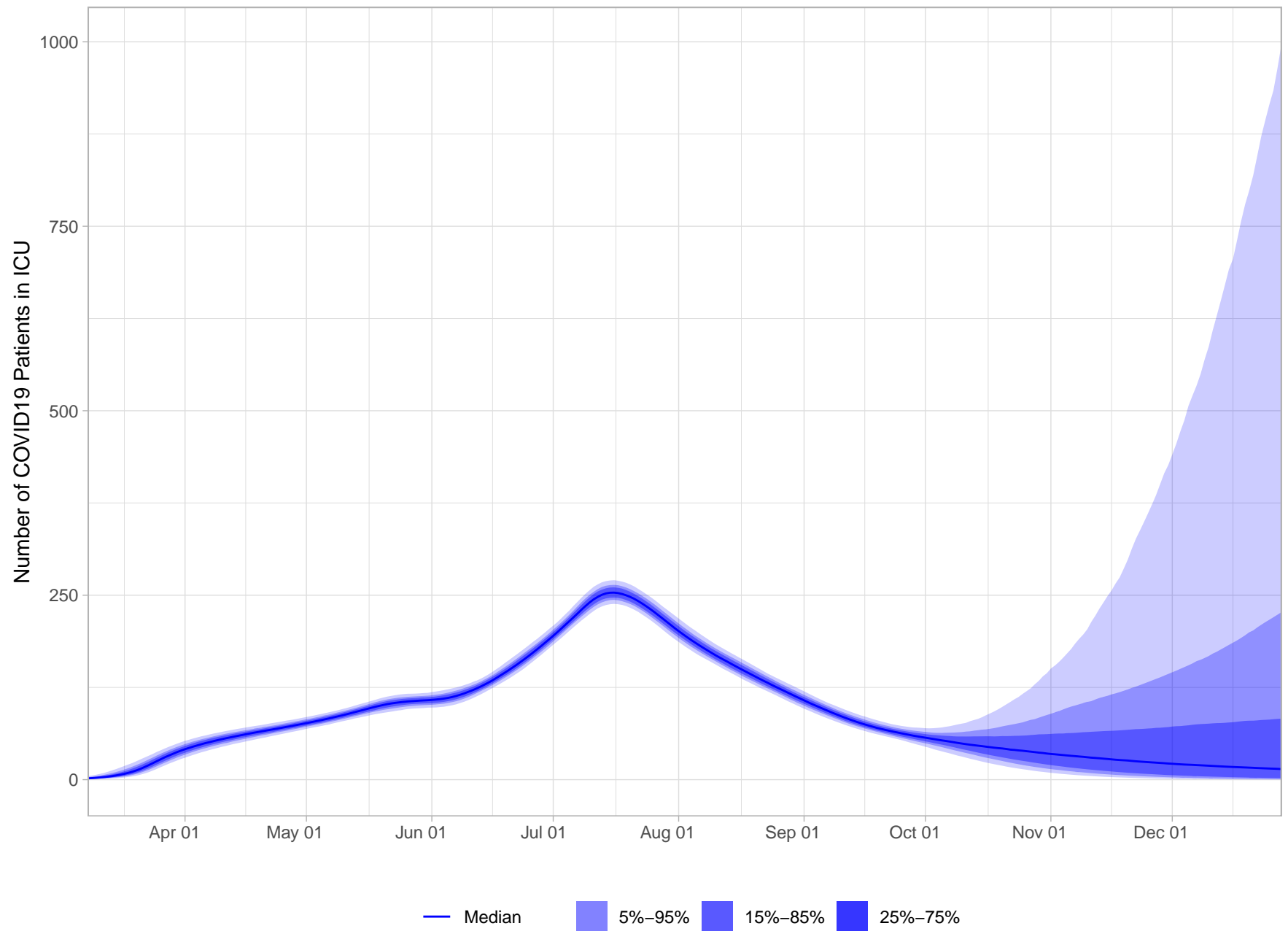
25%–75%



# Short Term ICU Projection

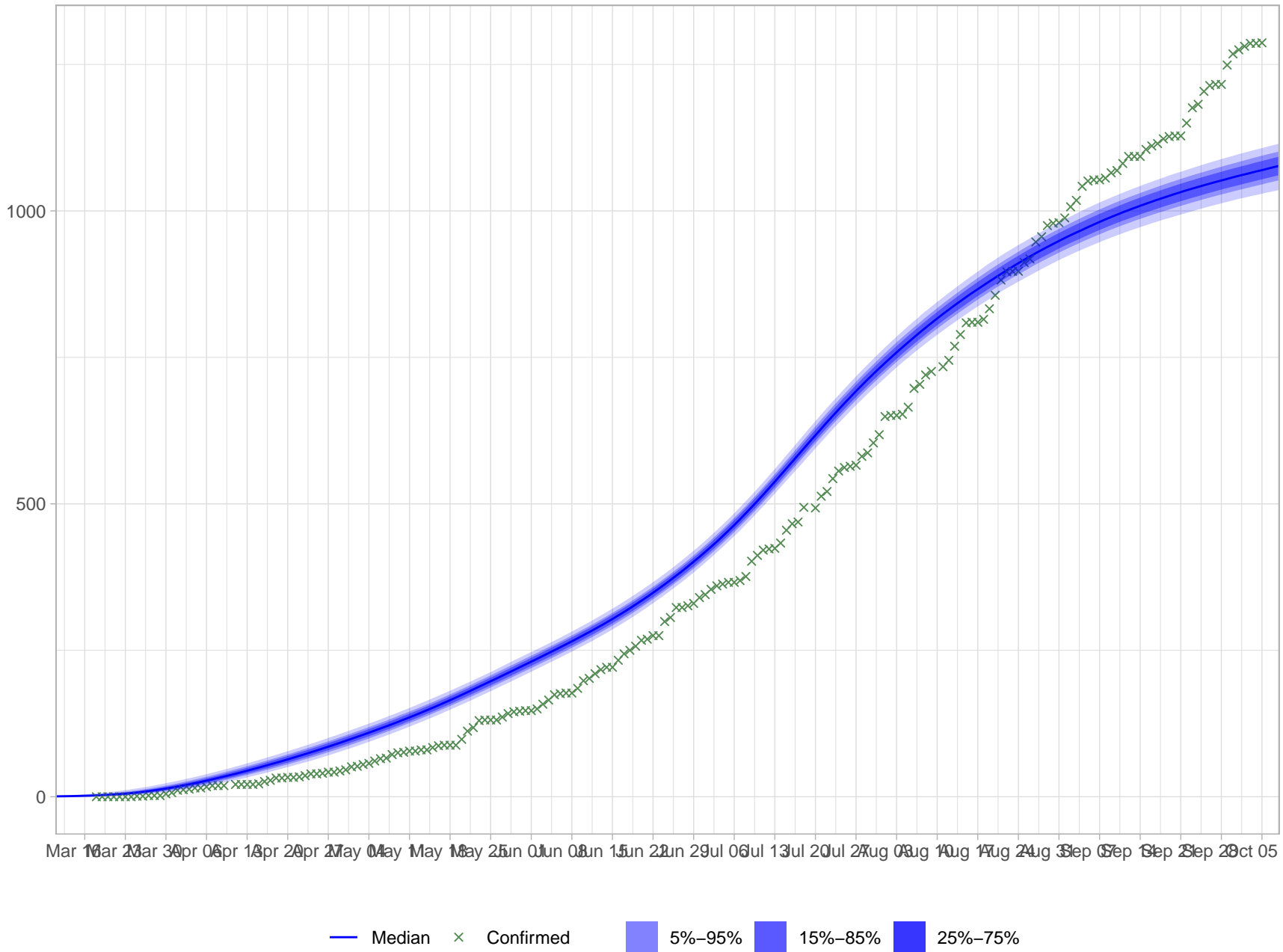


# Long Term ICU Projection



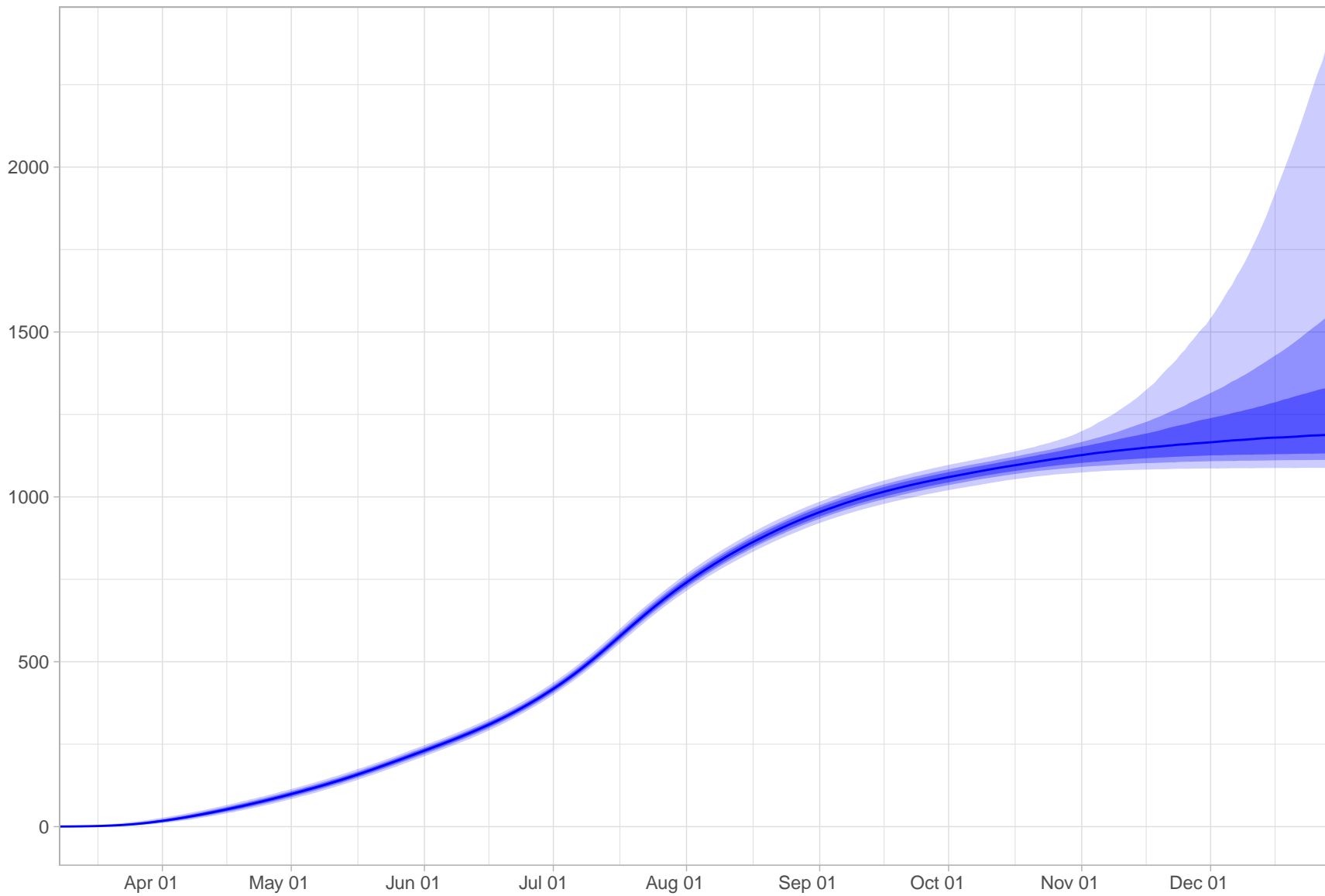
# Short Term Death Projection

Number of COVID19 Deaths



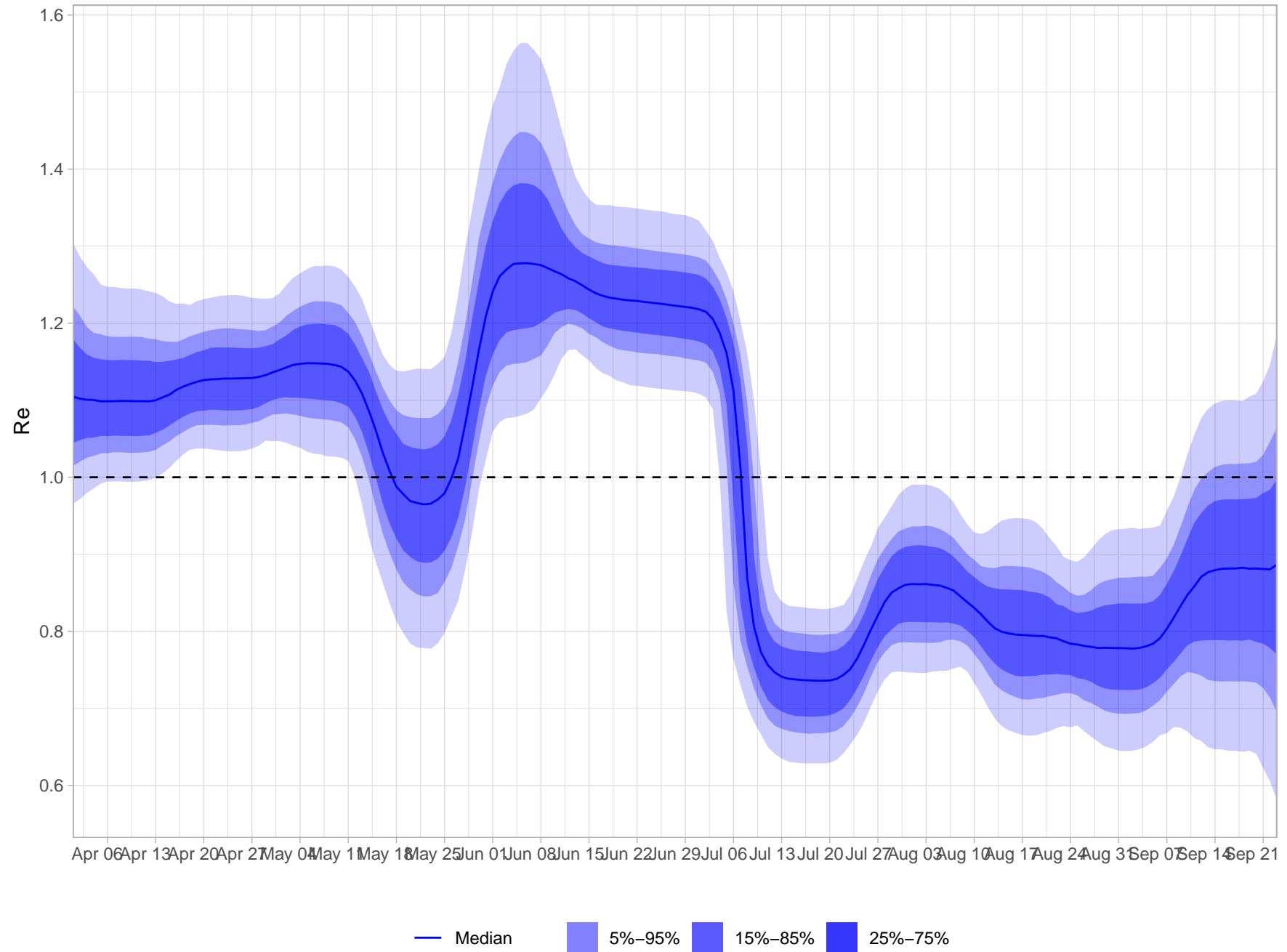
# Long Term Death Projection

Number of COVID19 Deaths



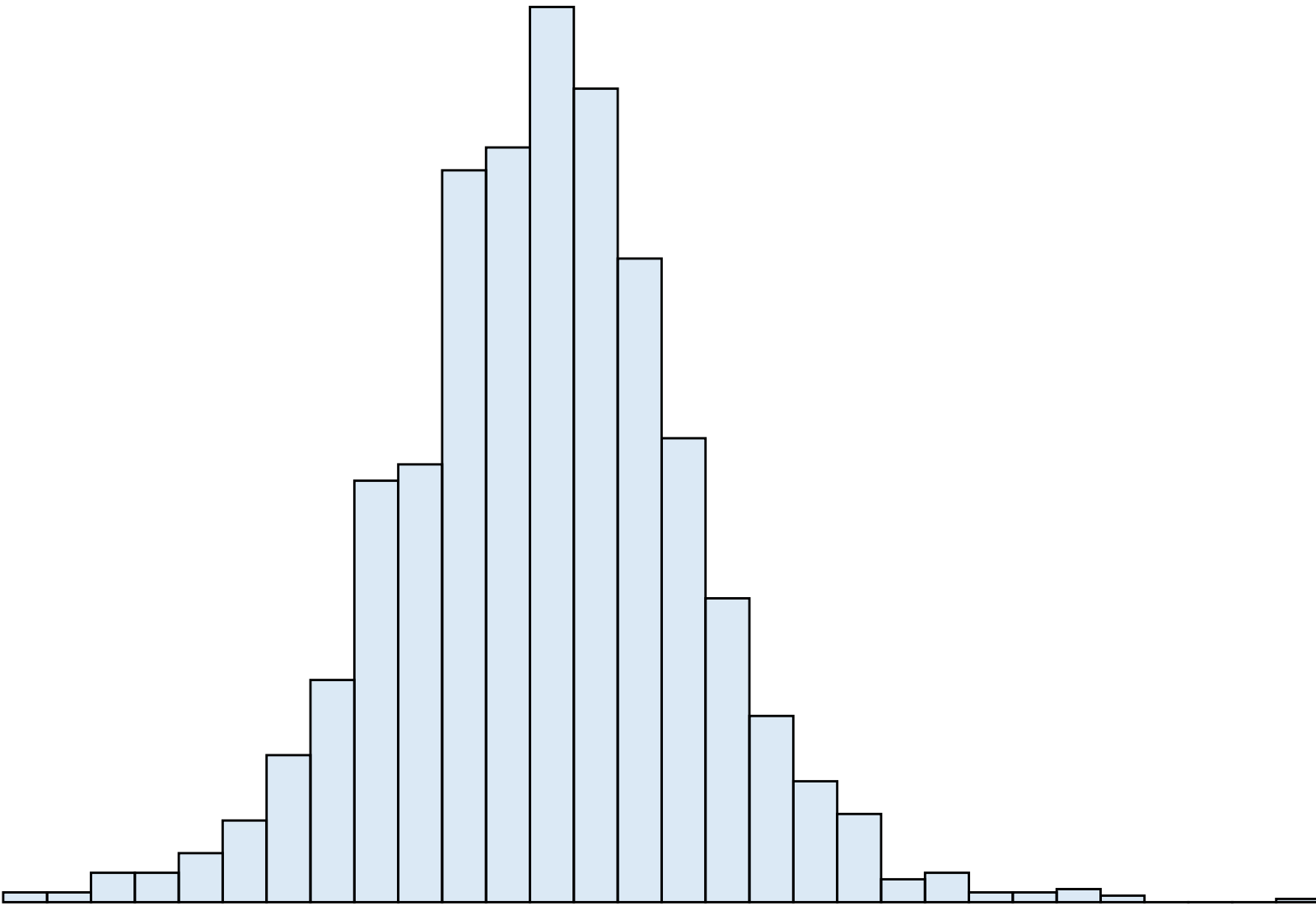
— Median    5%-95%    15%-85%    25%-75%

Effective Reproduction Number



# Rt as of 2020-09-23

5% 10% 25% 50% 75% 90% 95%  
0.58 0.66 0.77 0.89 1.00 1.11 1.19

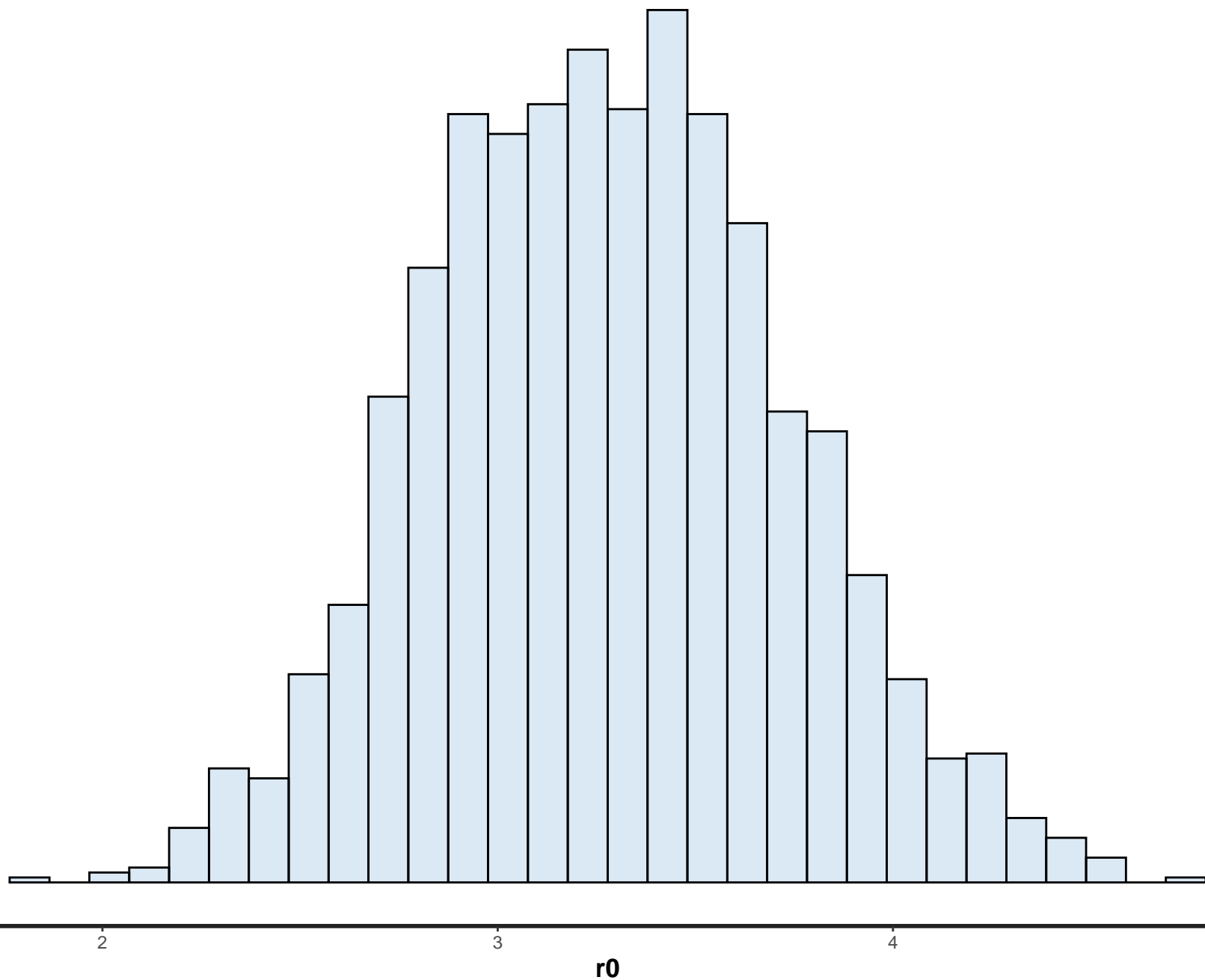


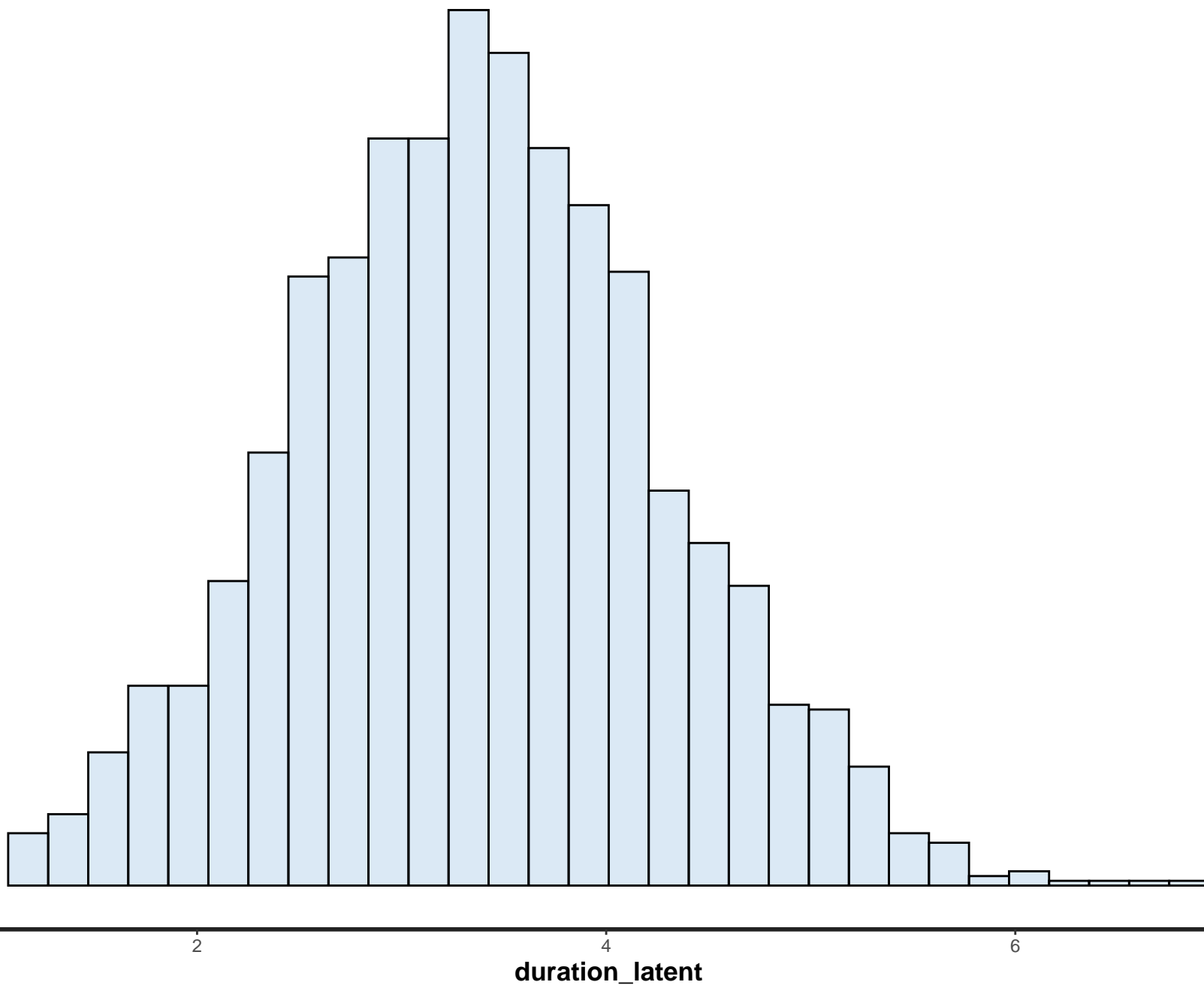
0.5

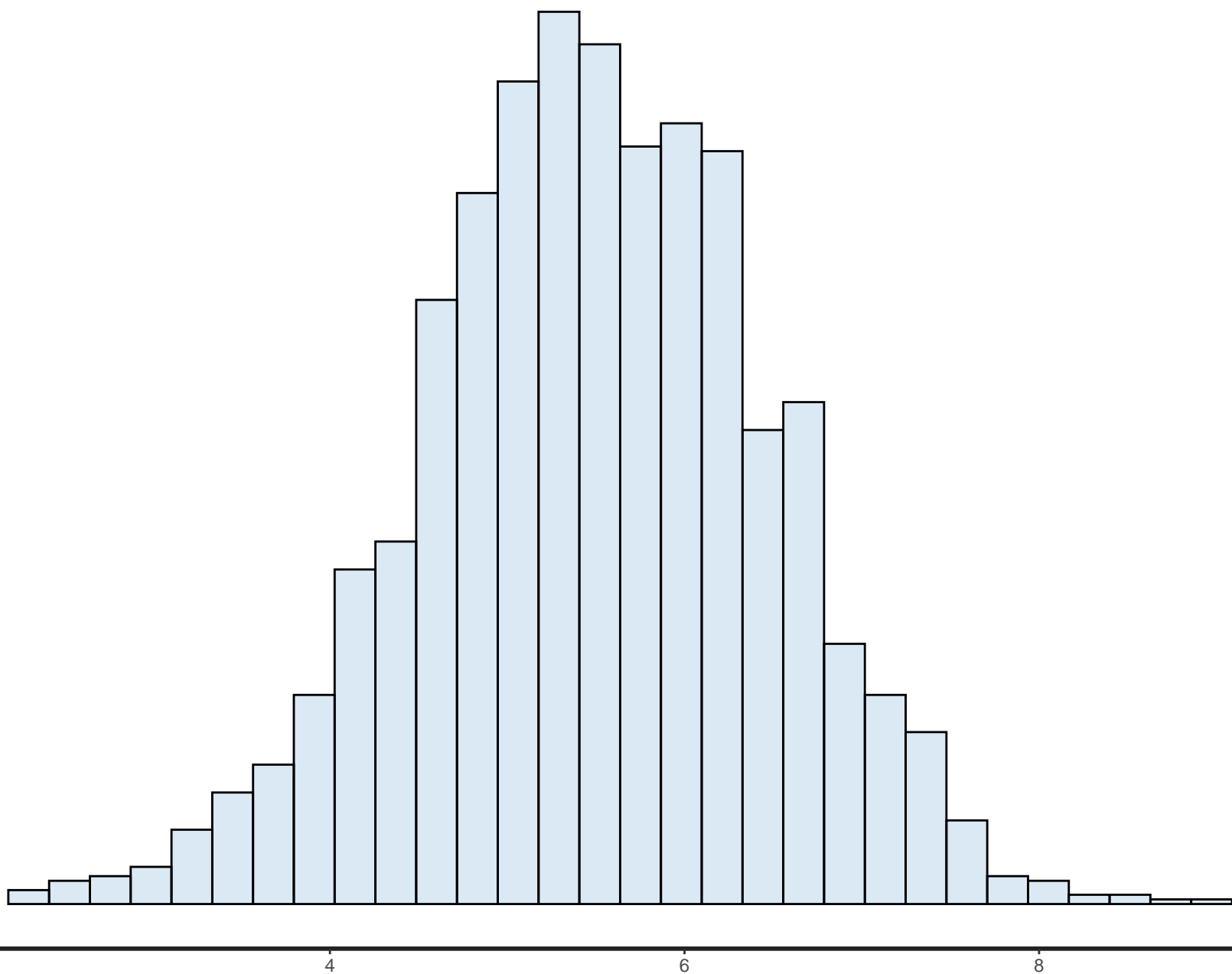
1.0

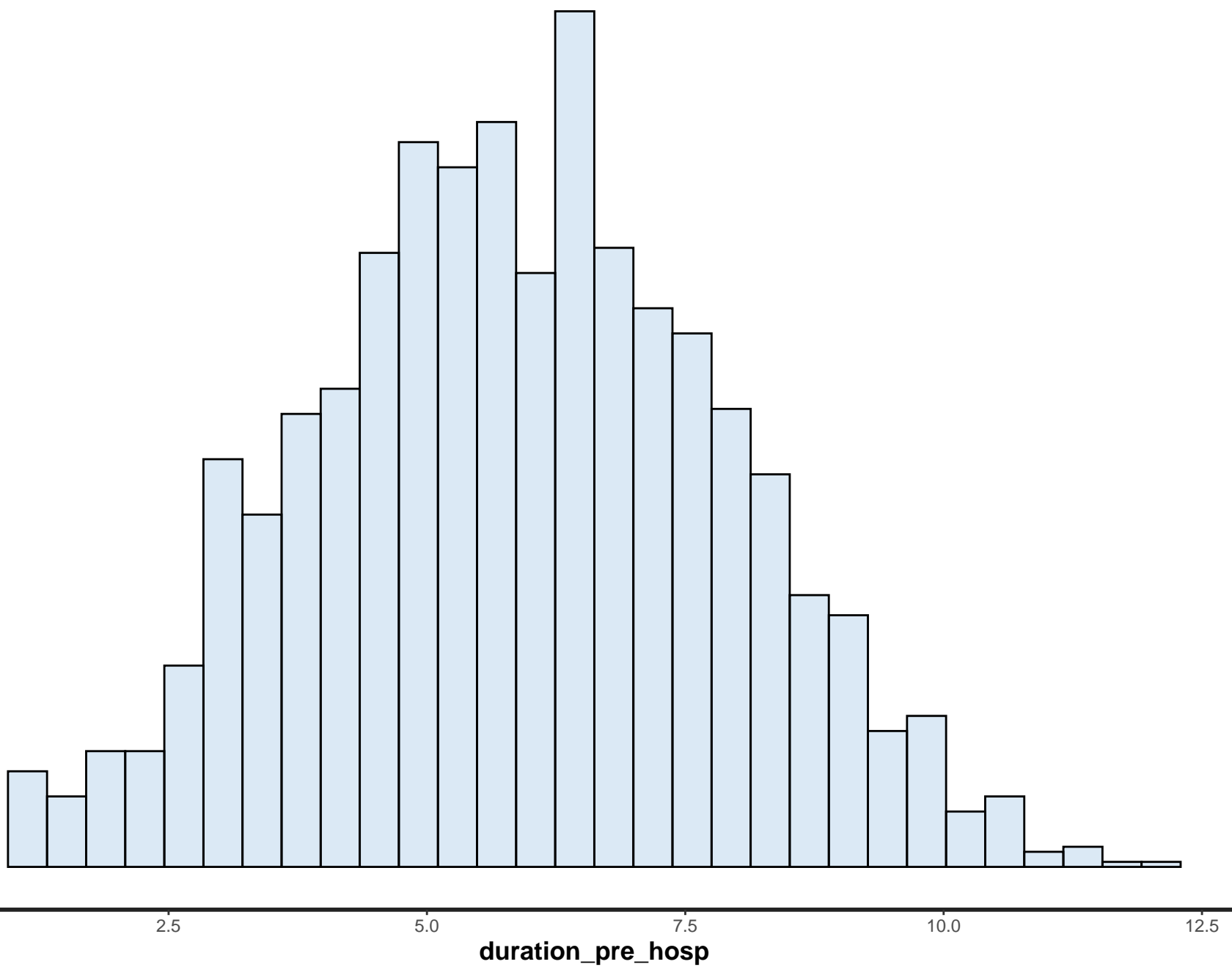
1.5

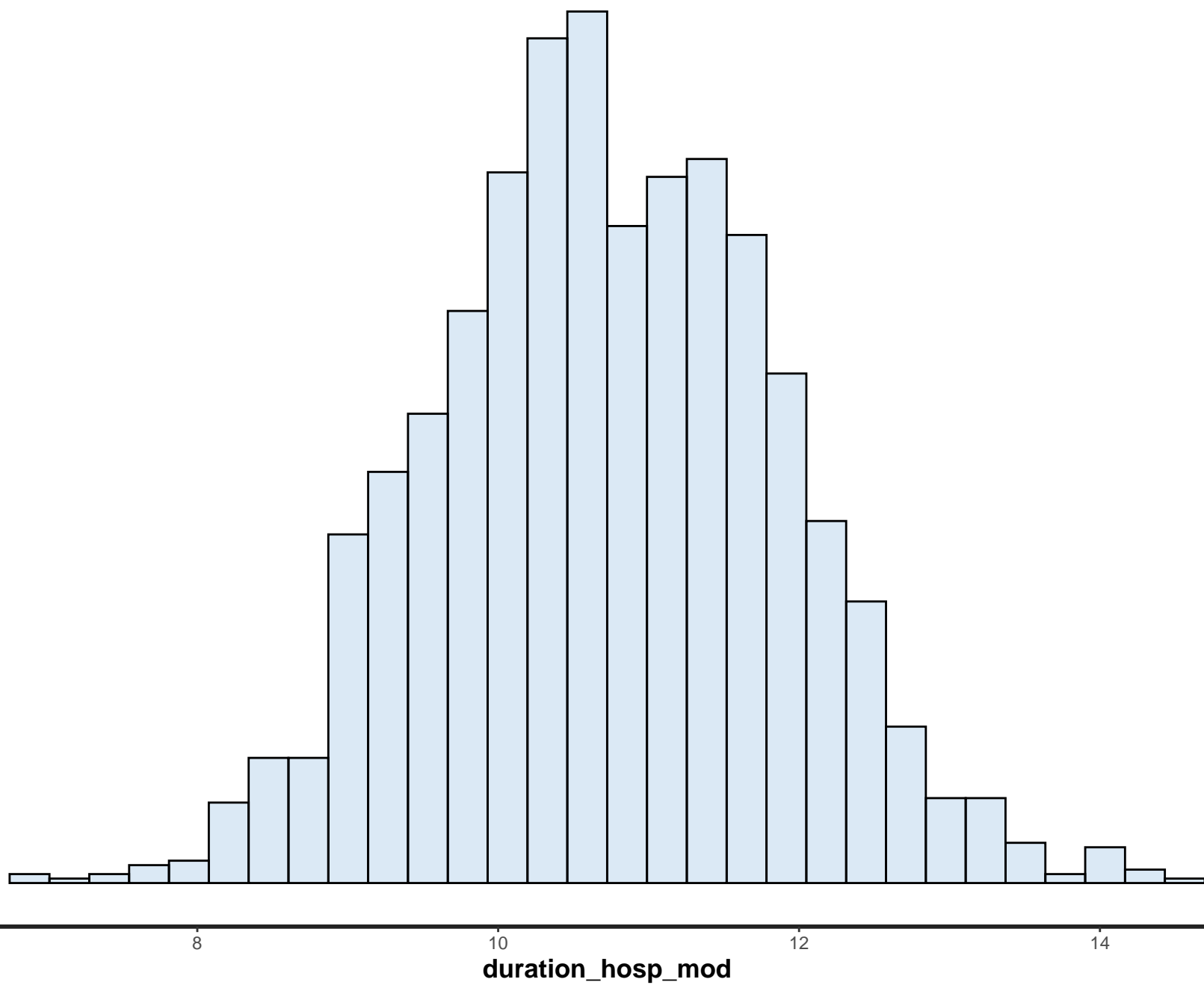


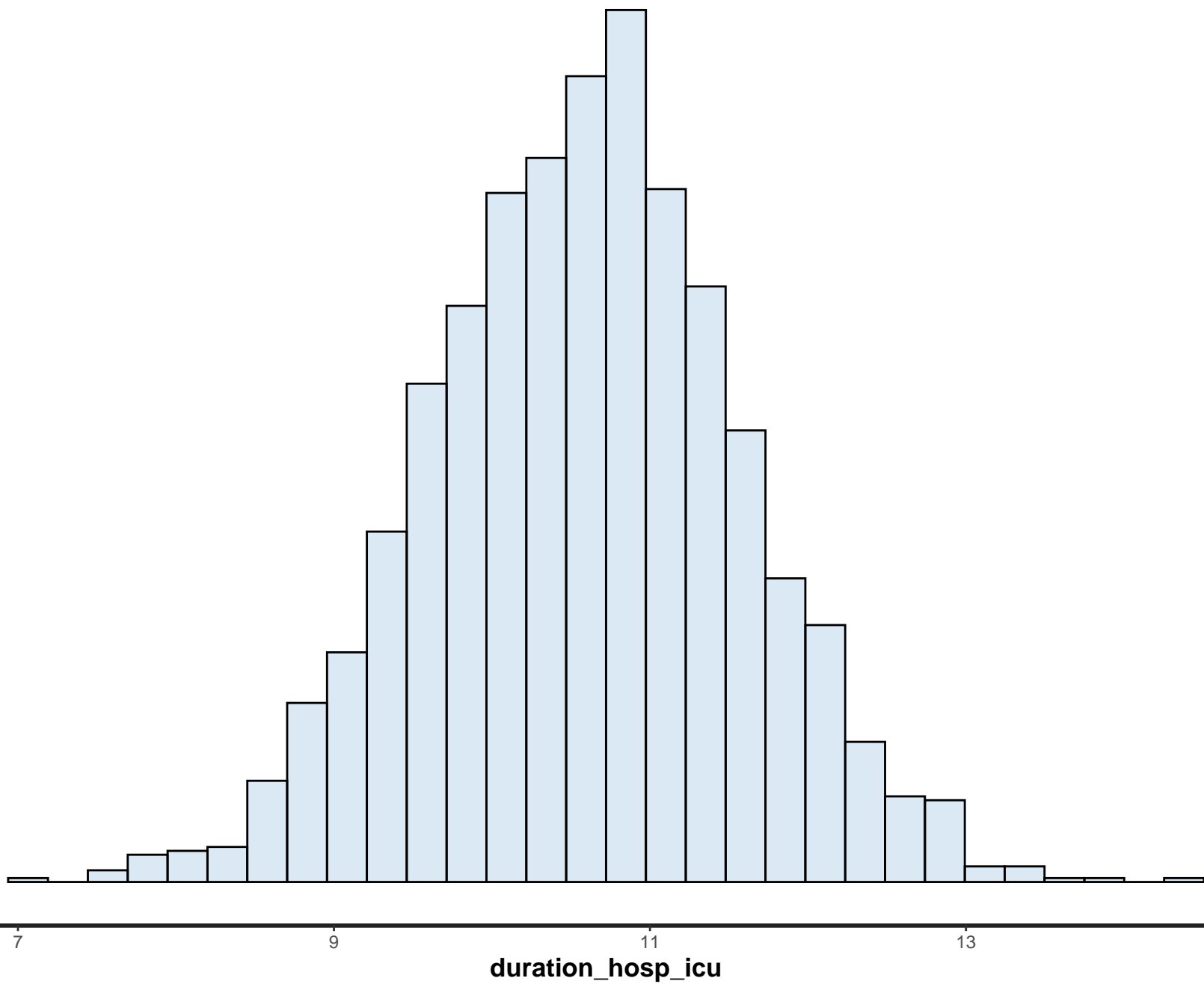


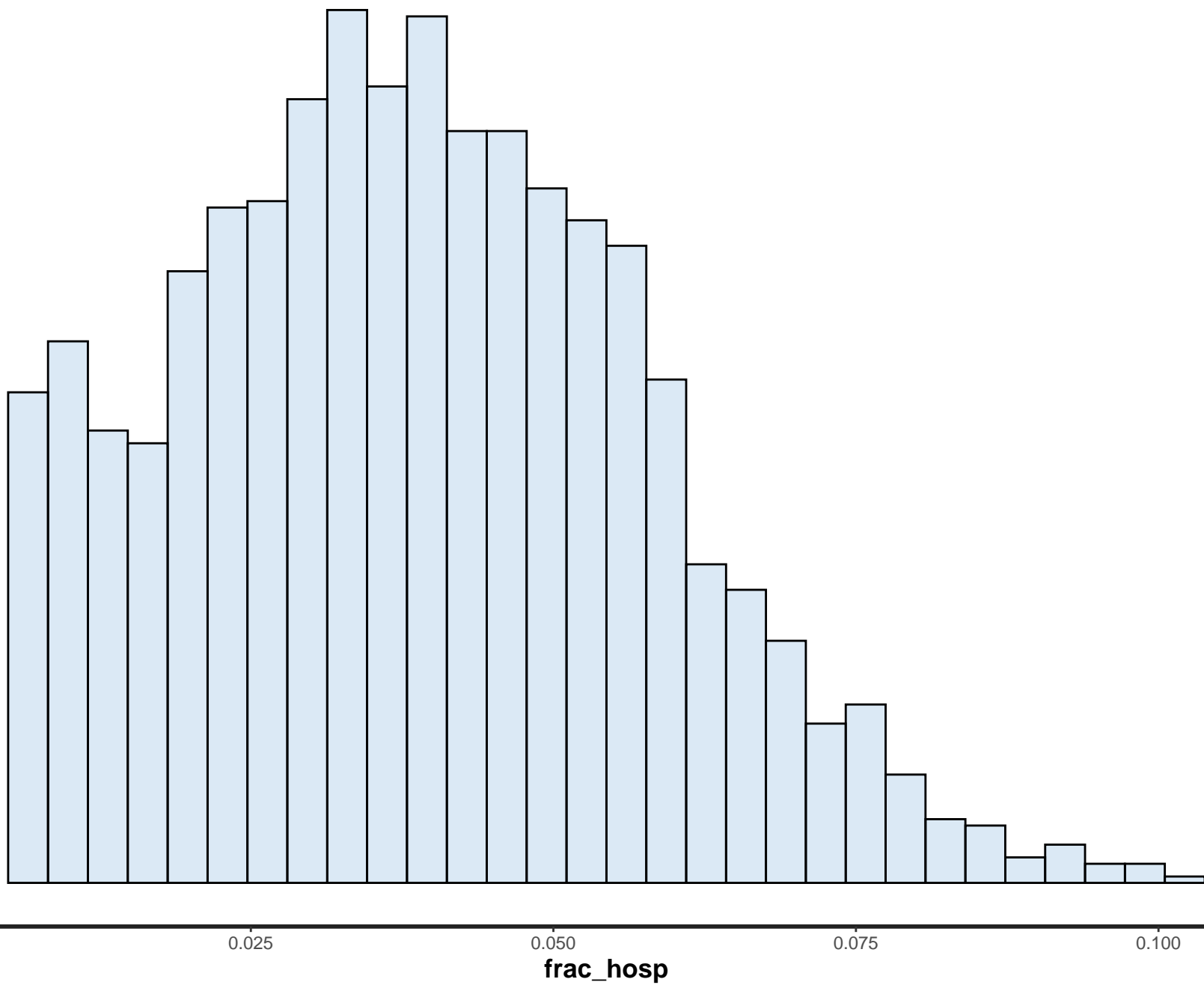


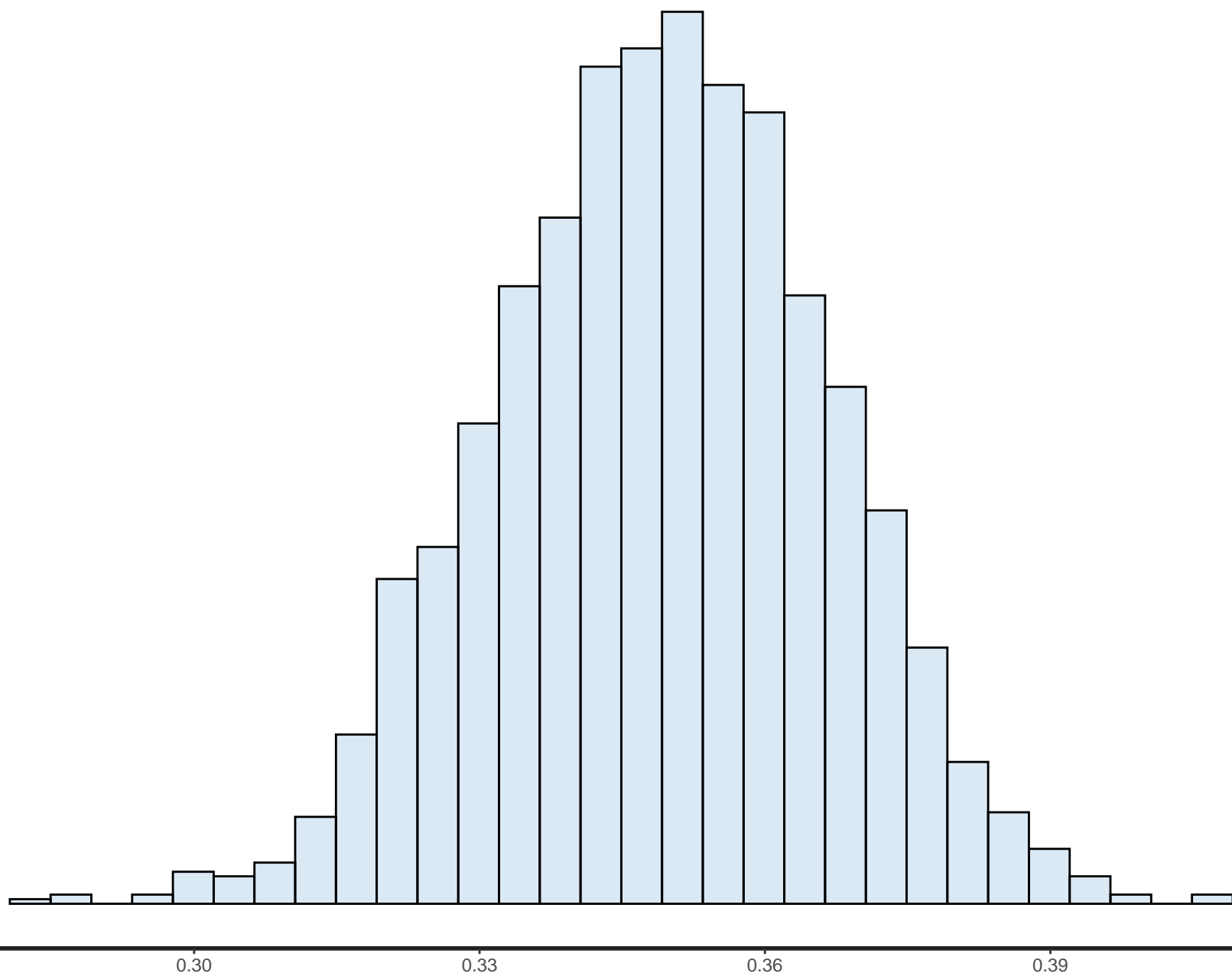




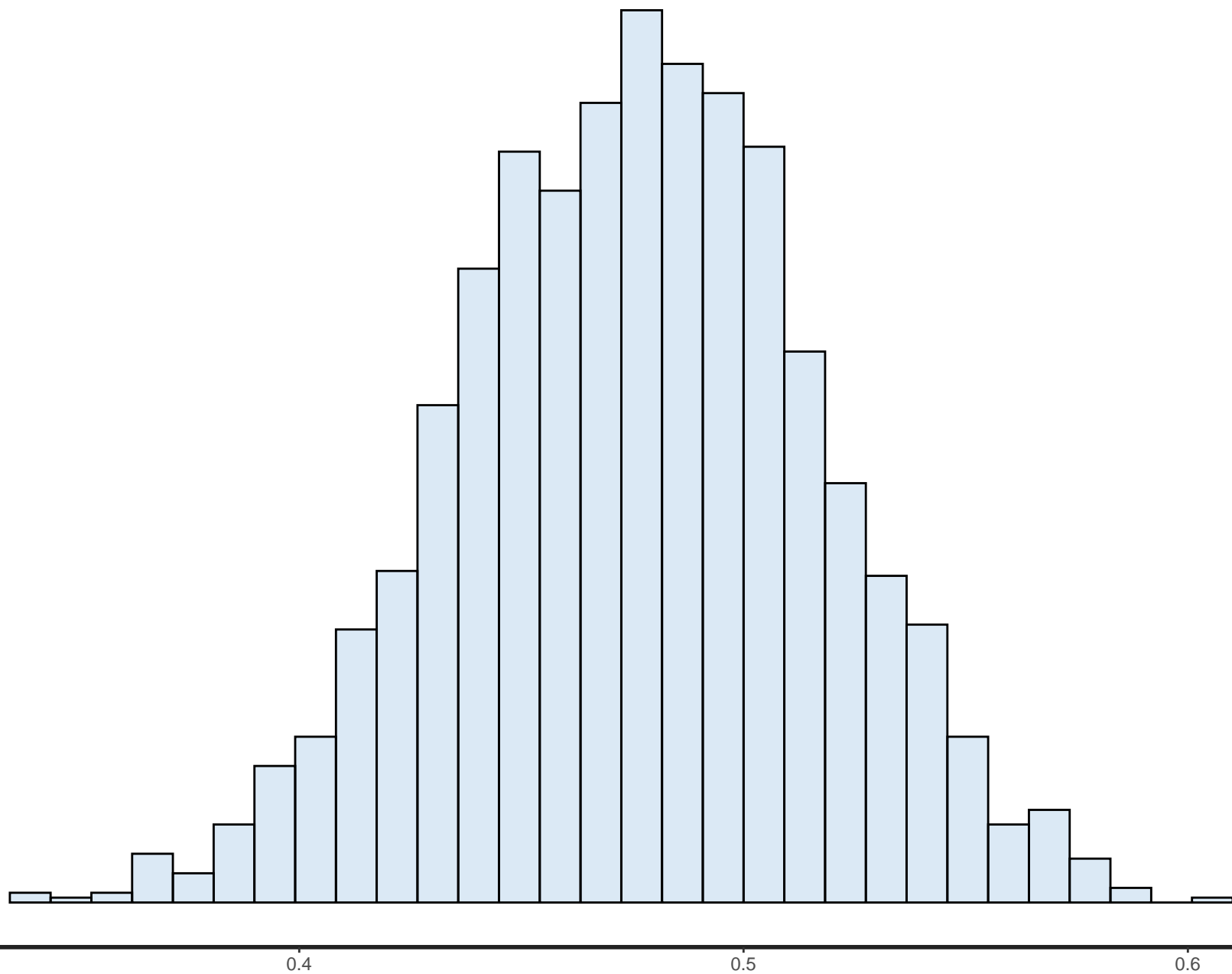


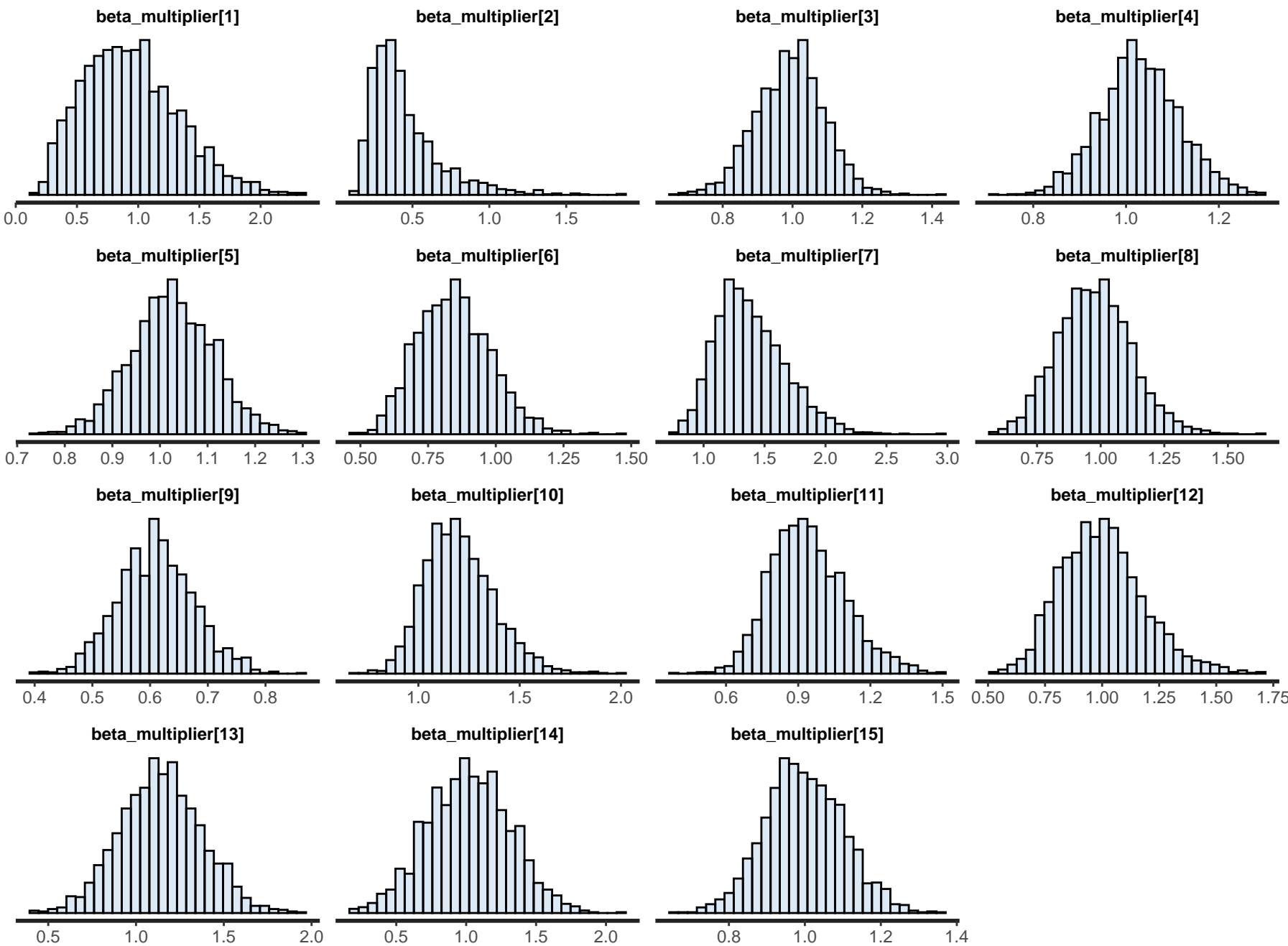


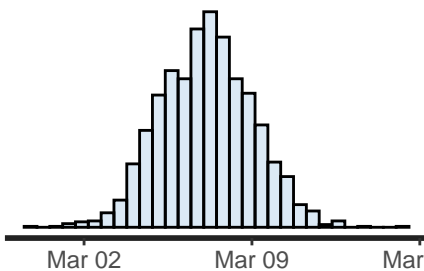
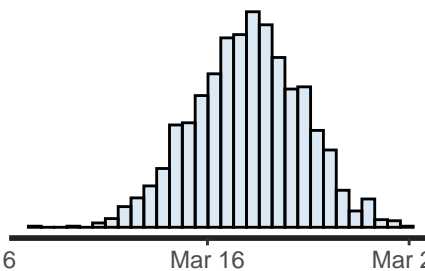
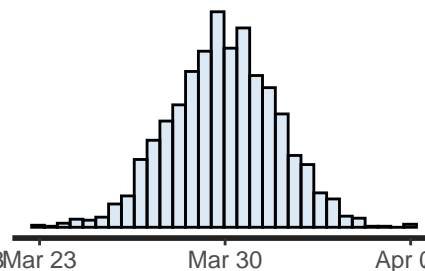
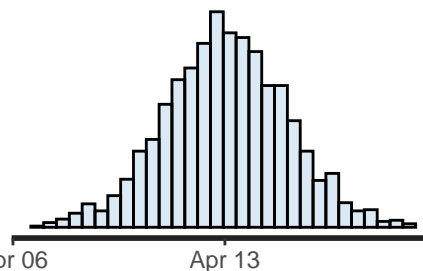
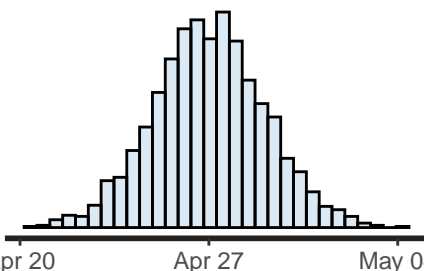
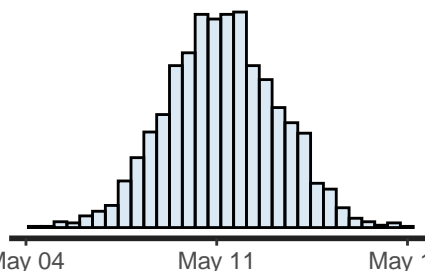
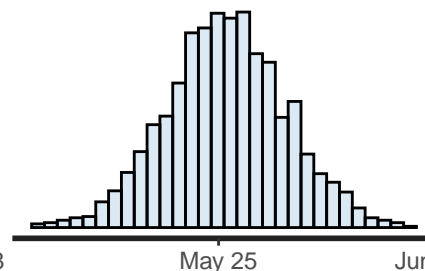
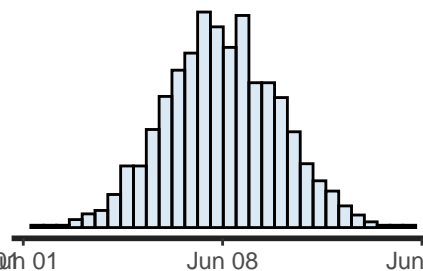
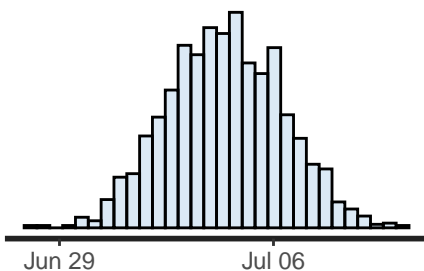
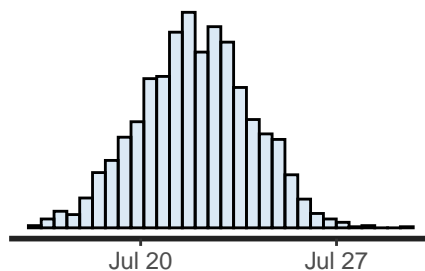
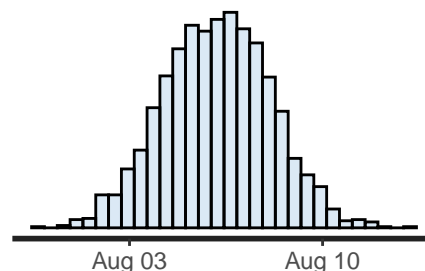
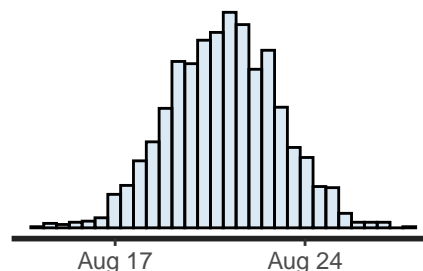
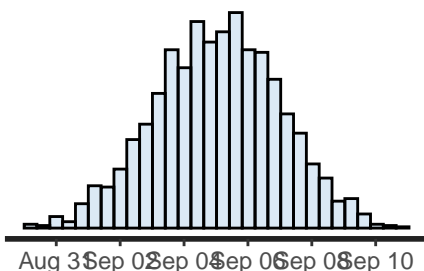
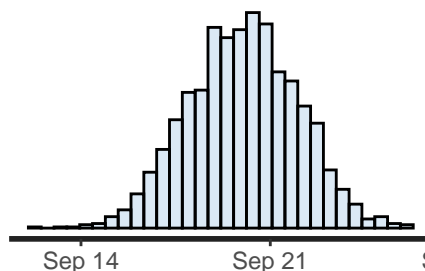
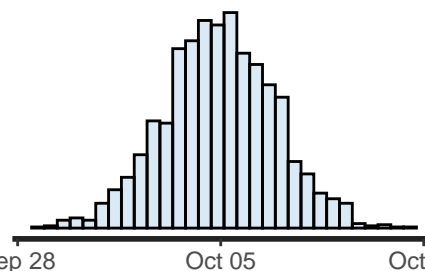




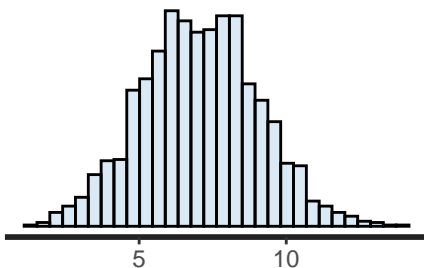




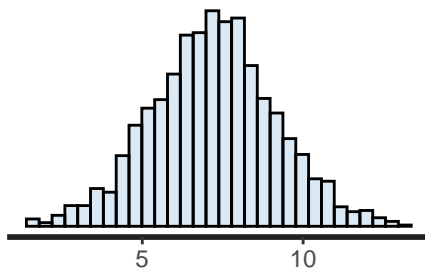


**t\_inter[1]****t\_inter[2]****t\_inter[3]****t\_inter[4]****t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]****t\_inter[9]****t\_inter[10]****t\_inter[11]****t\_inter[12]****t\_inter[13]****t\_inter[14]****t\_inter[15]**

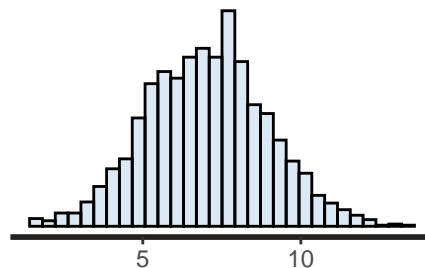
len\_inter[1]



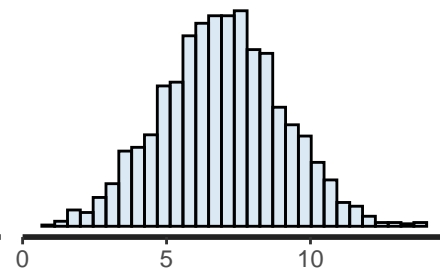
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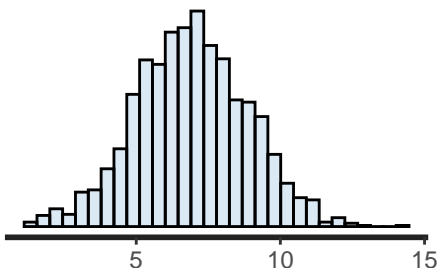
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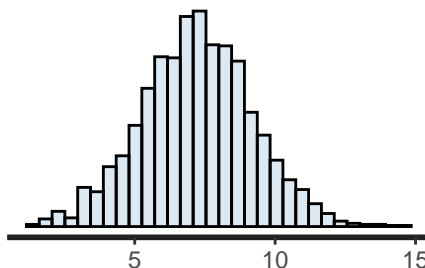
len\_inter[4]



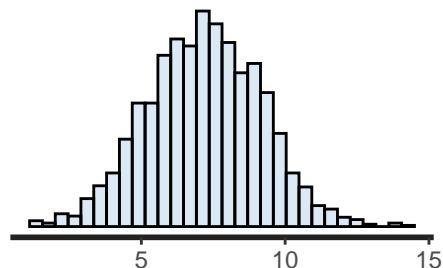
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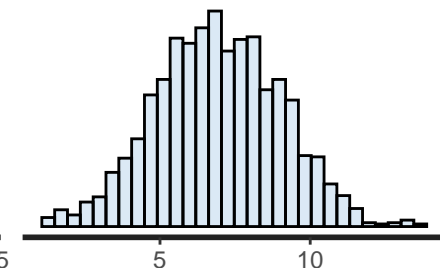
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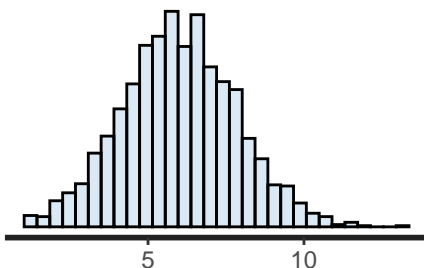
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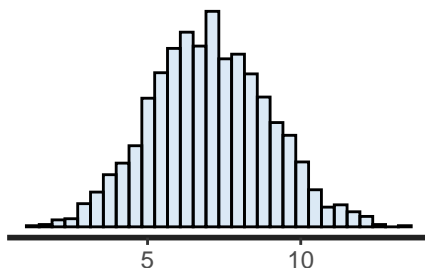
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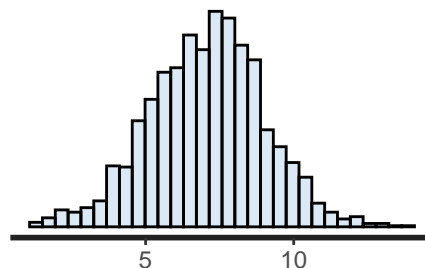
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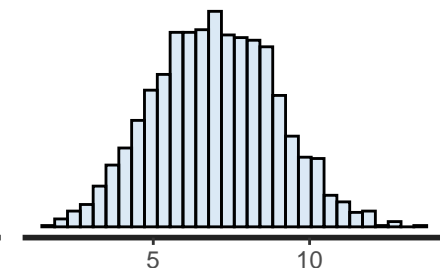
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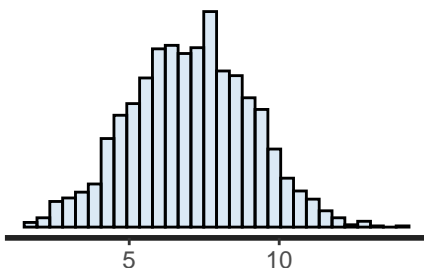
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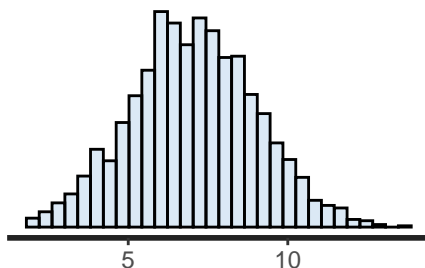
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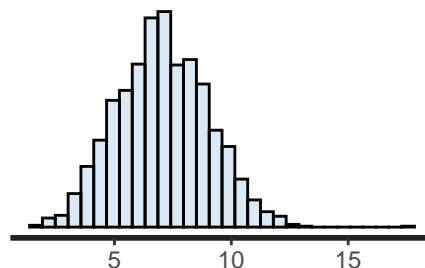
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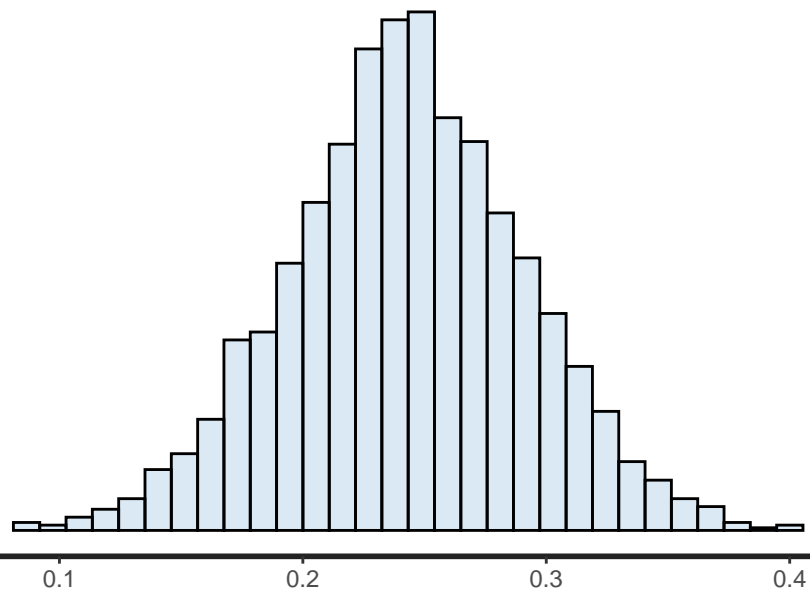
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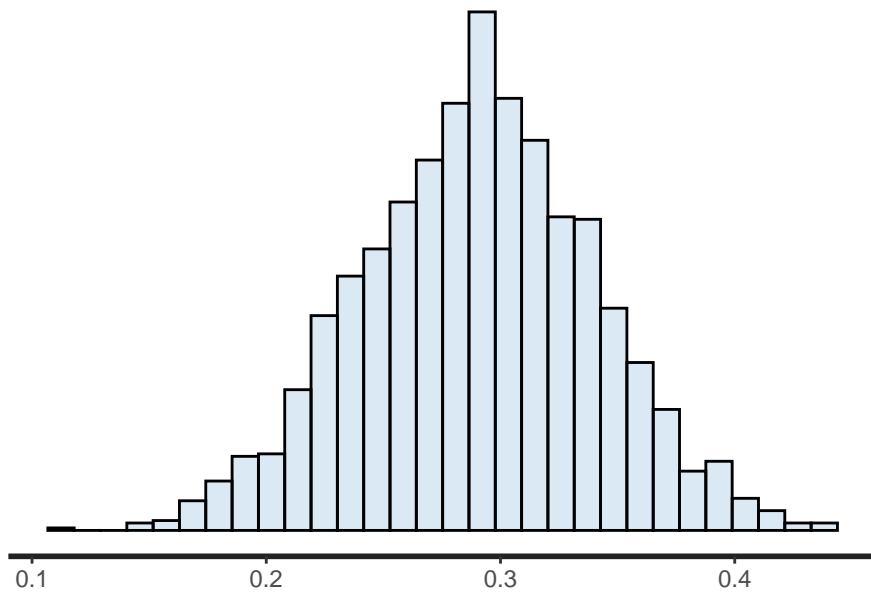
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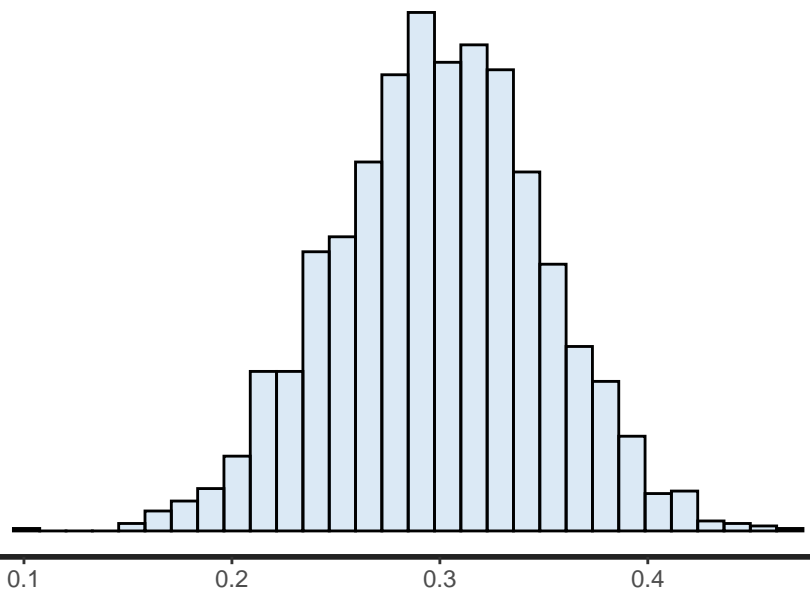
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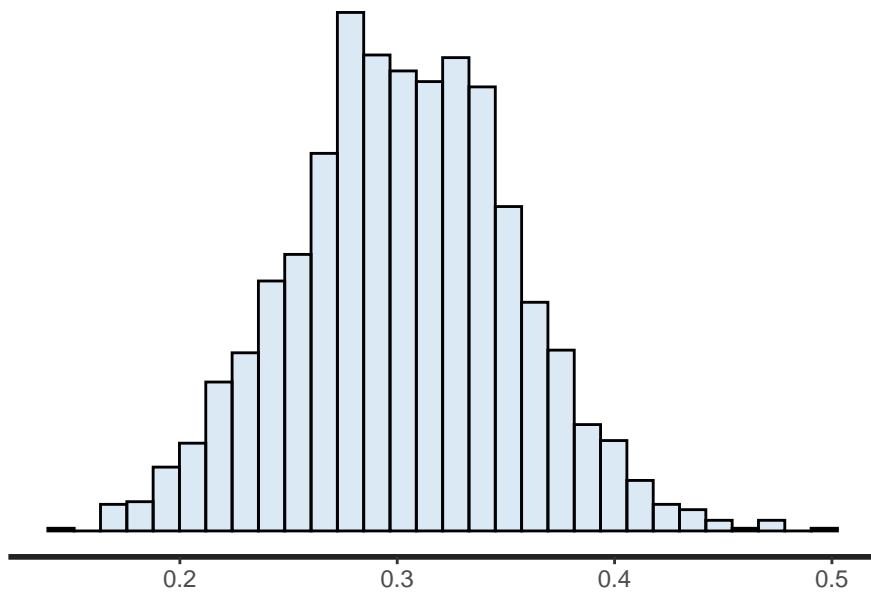
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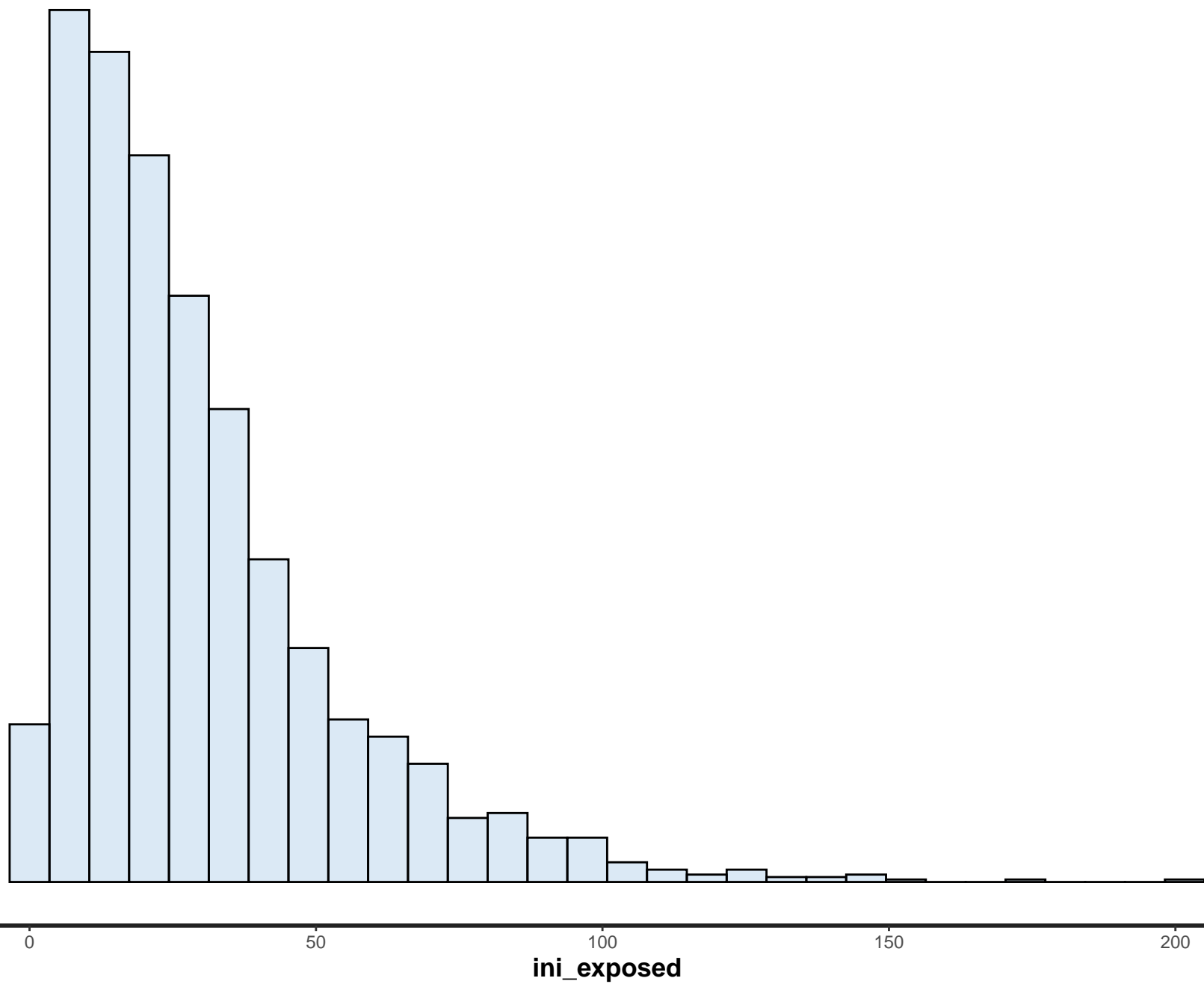


frac\_PUI[3]

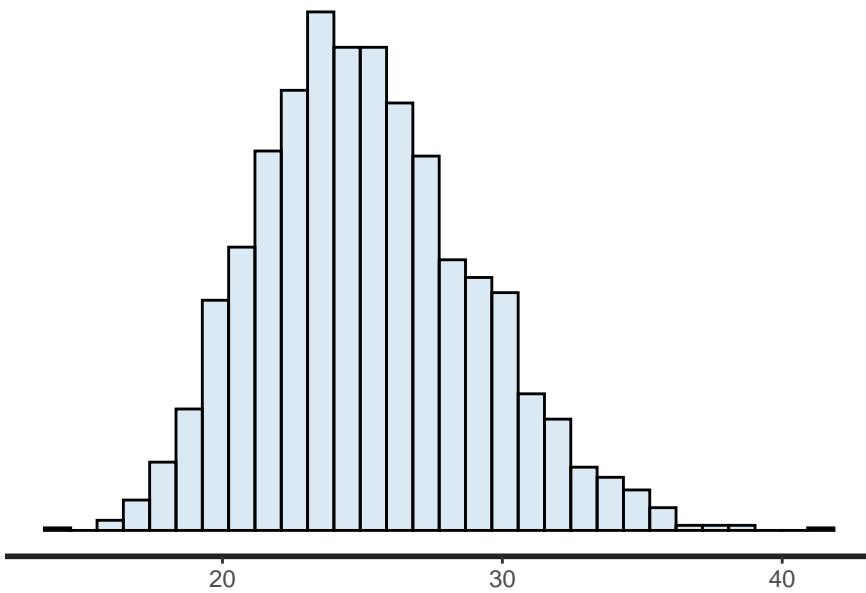


frac\_PUI[4]

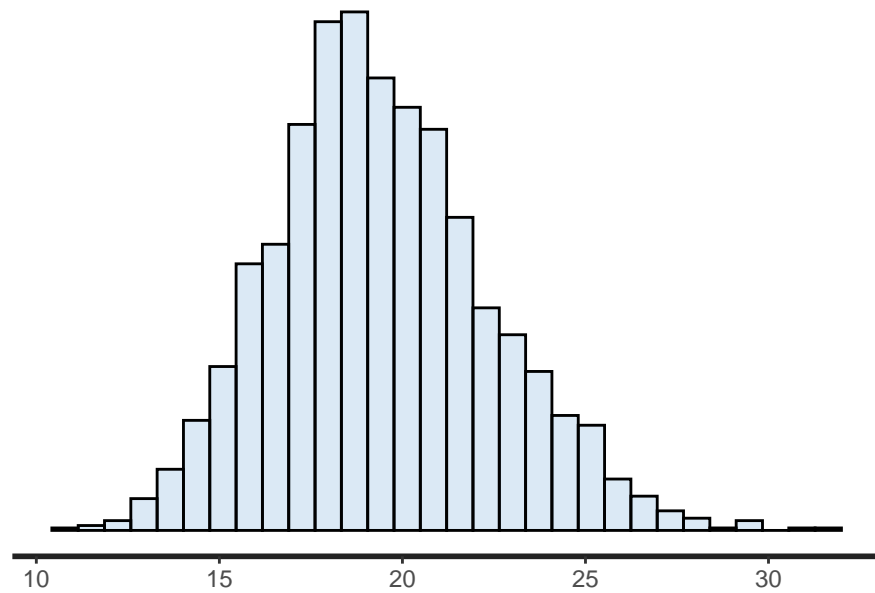




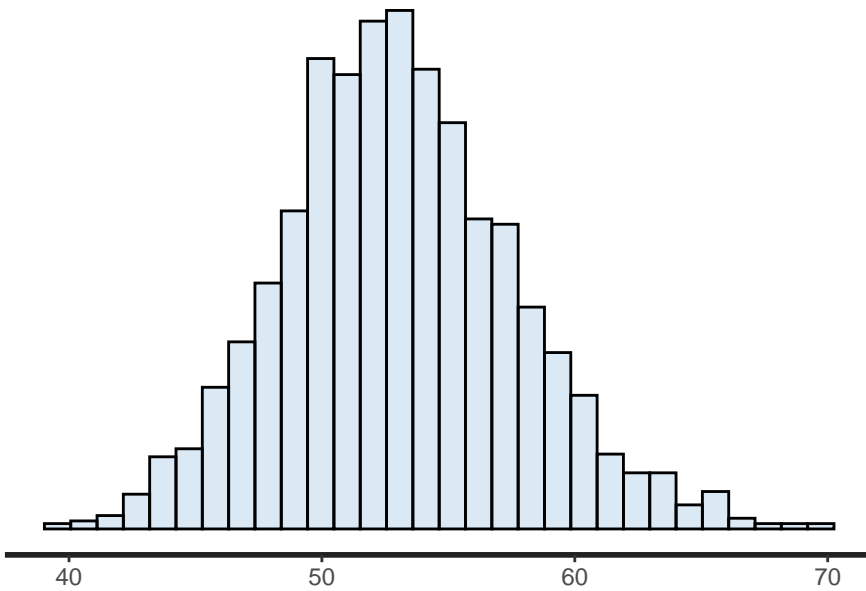
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

