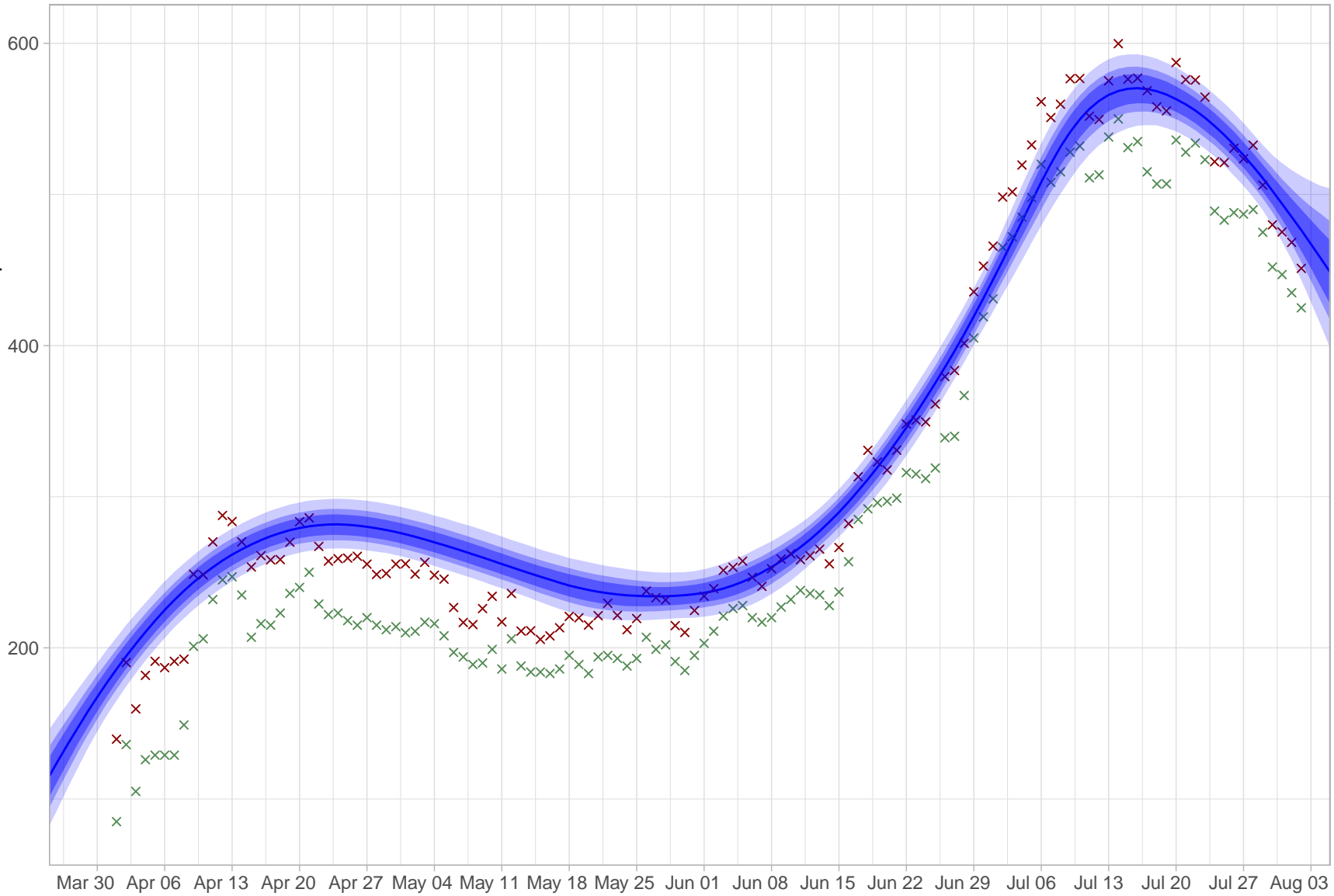


# Short Term Hospitalization Projection

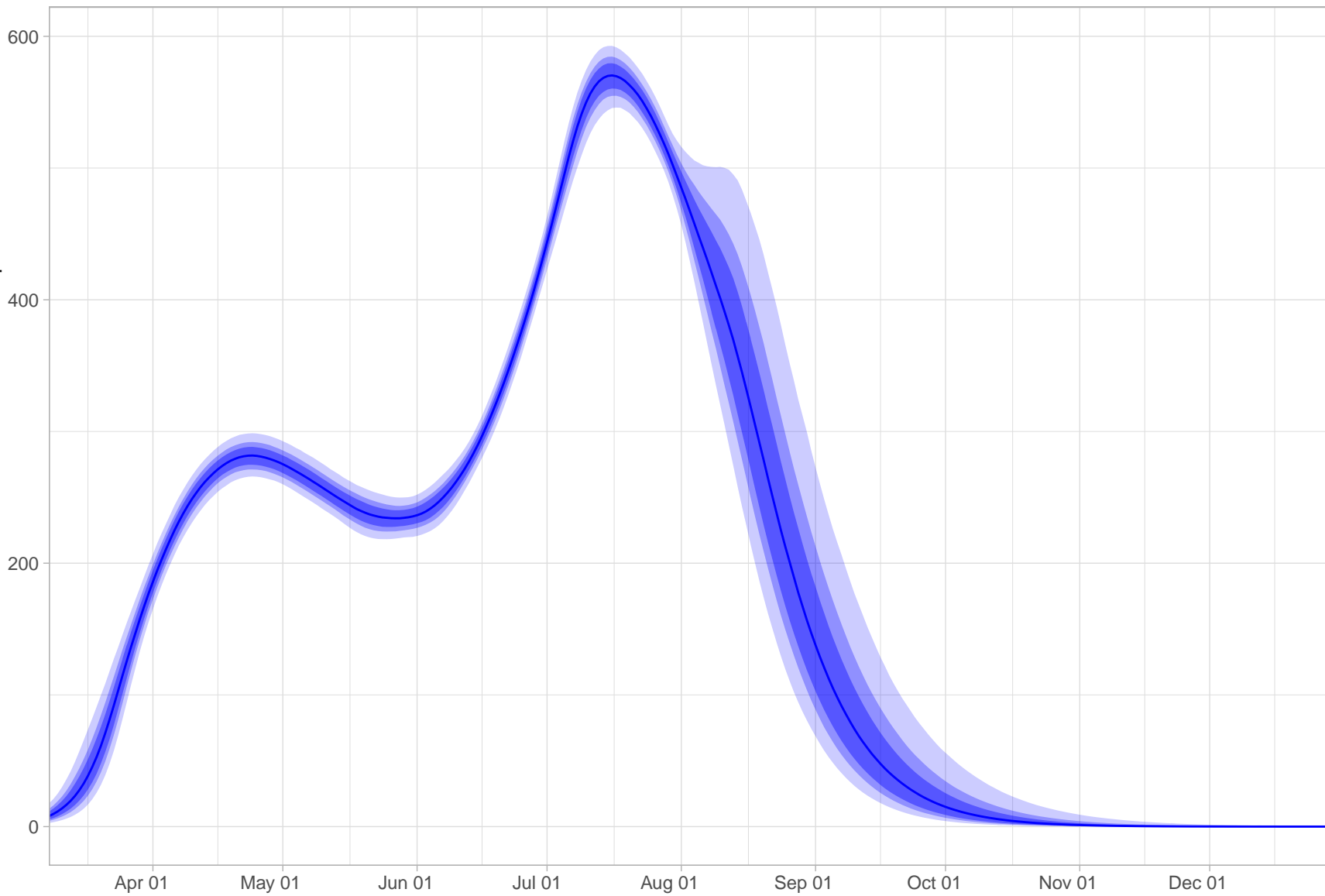
Number of COVID19 Patients in Hospital



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

# Long Term Hospitalization Projection

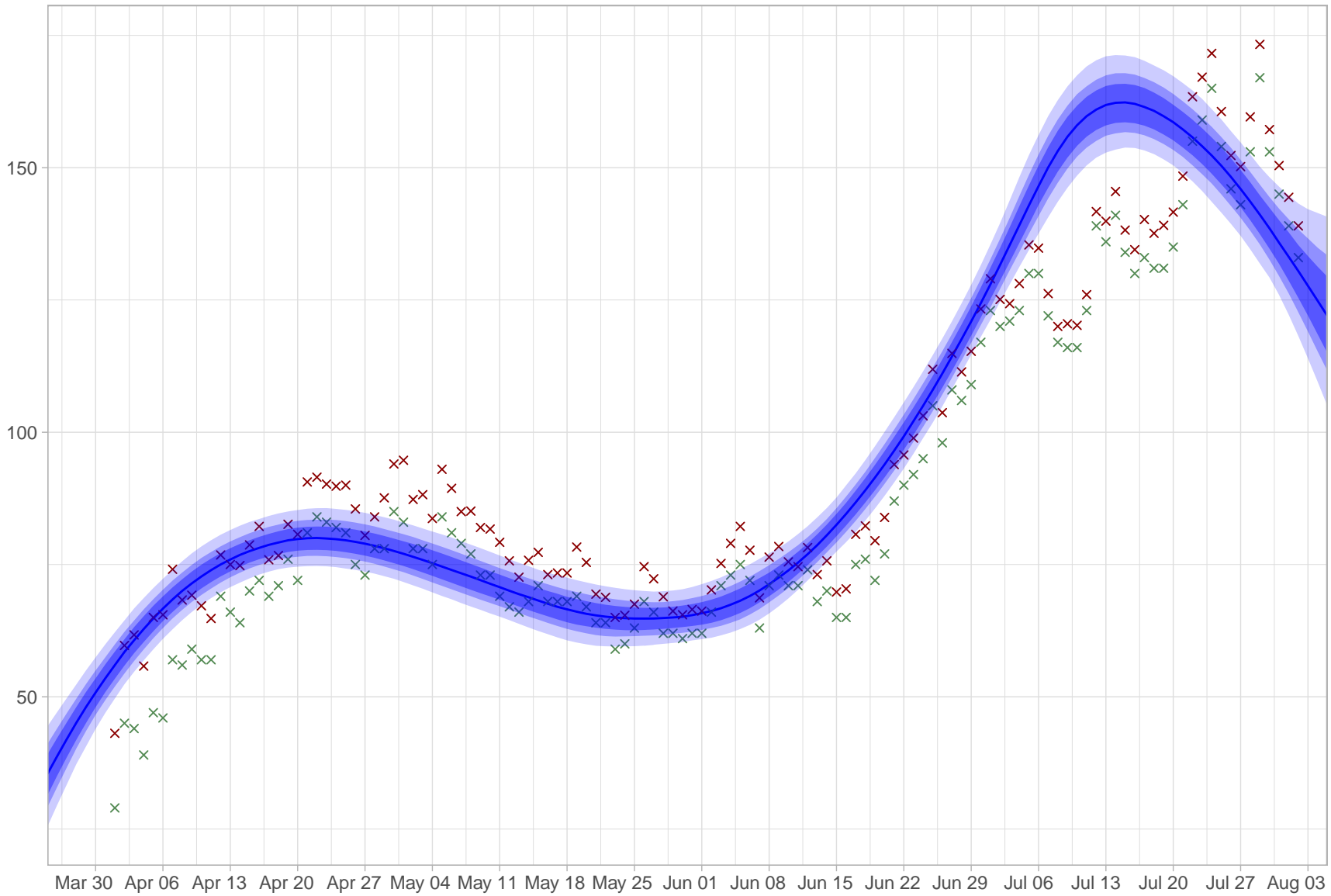
Number of COVID19 Patients in Hospital



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

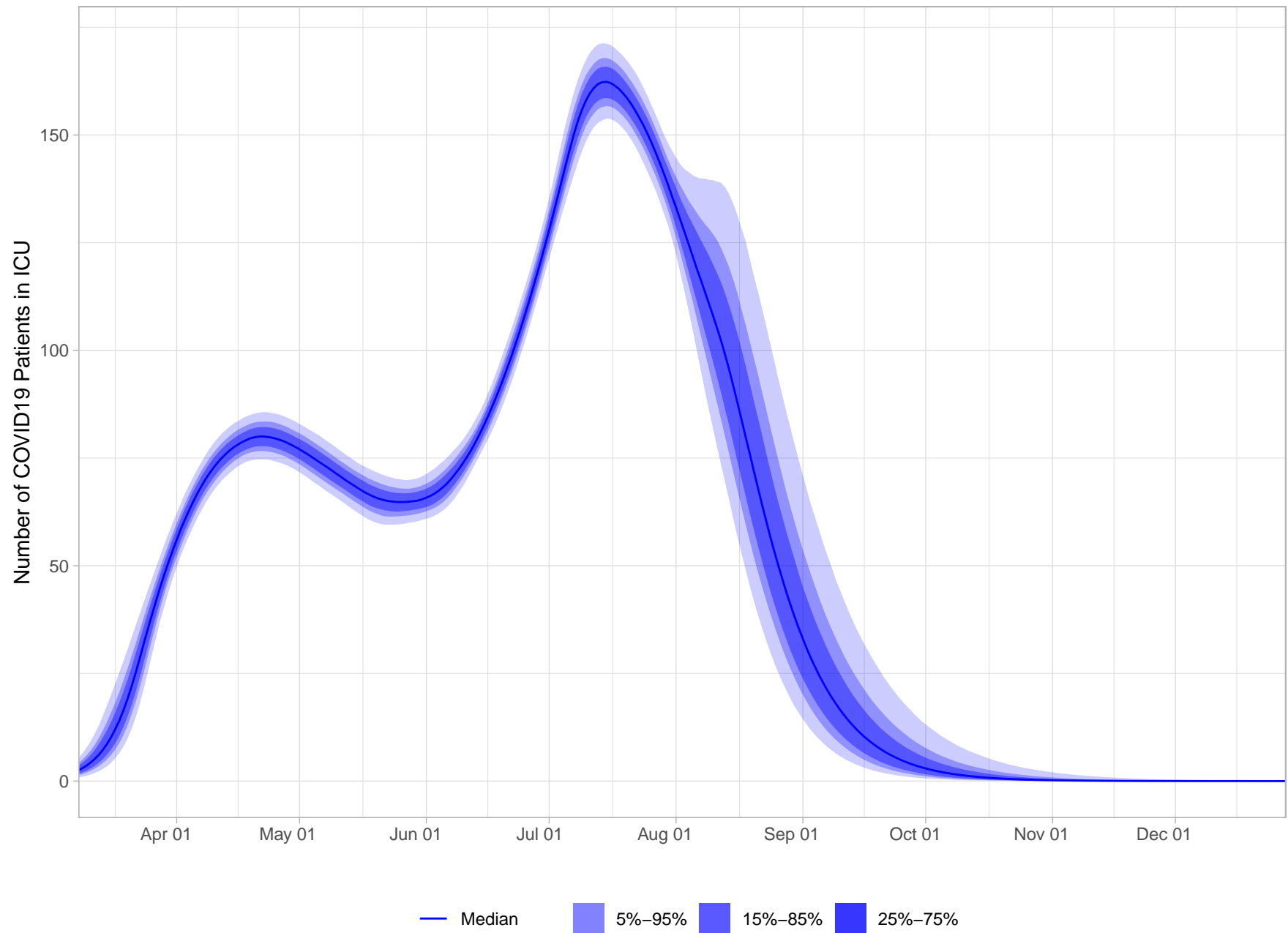
# Short Term ICU Projection

Number of COVID19 Patients in ICU



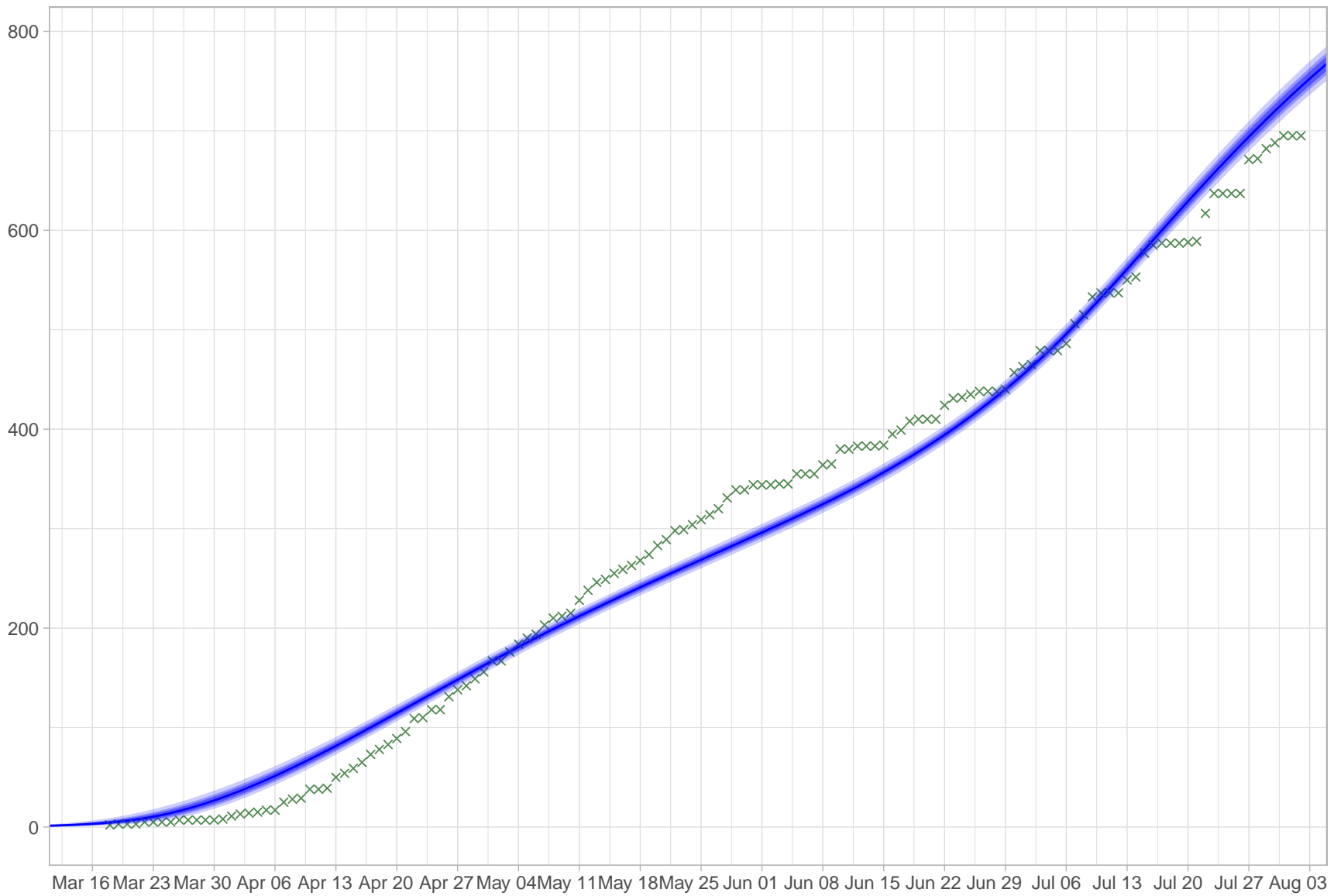
— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection



# Short Term Death Projection

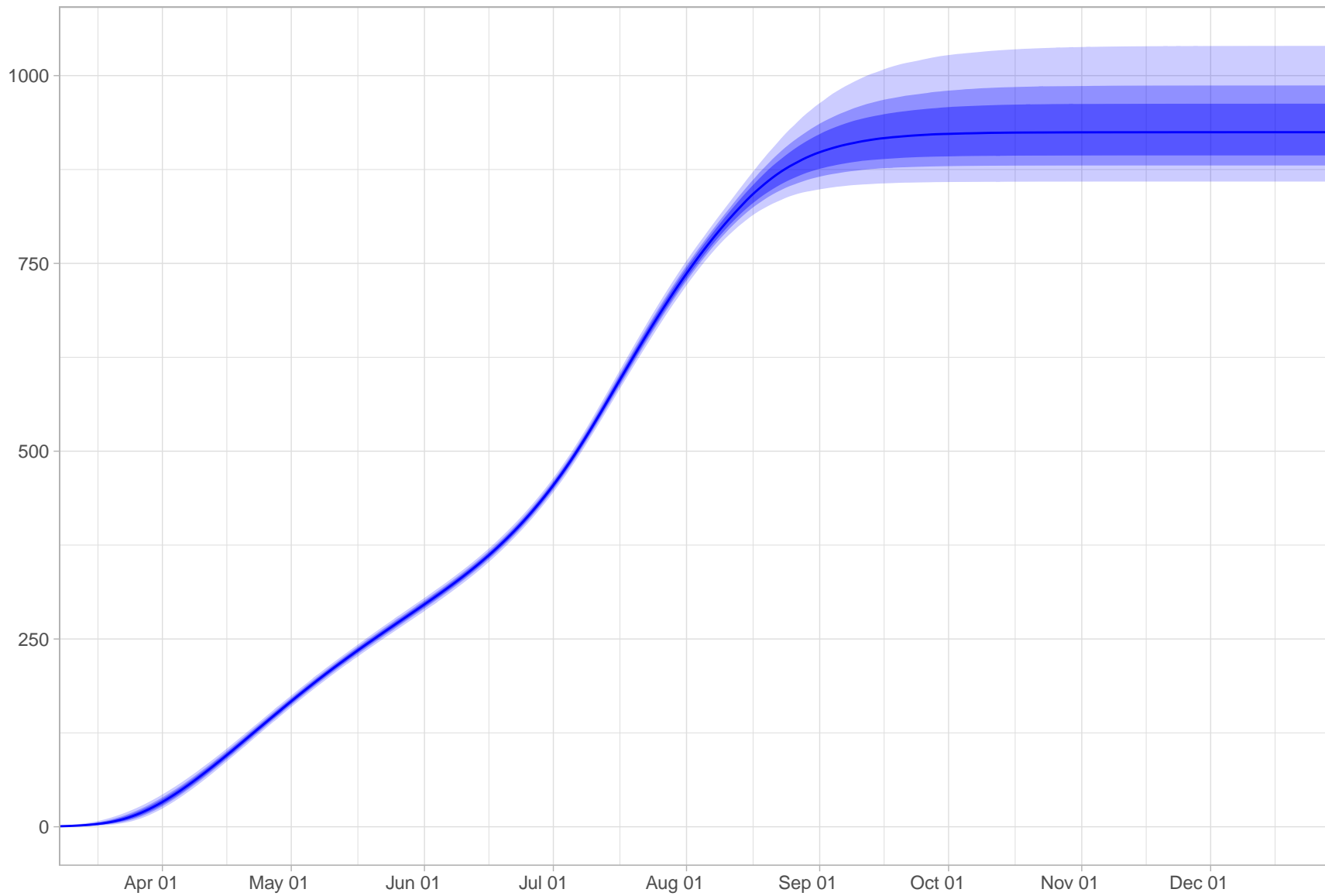
Number of COVID19 Deaths



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

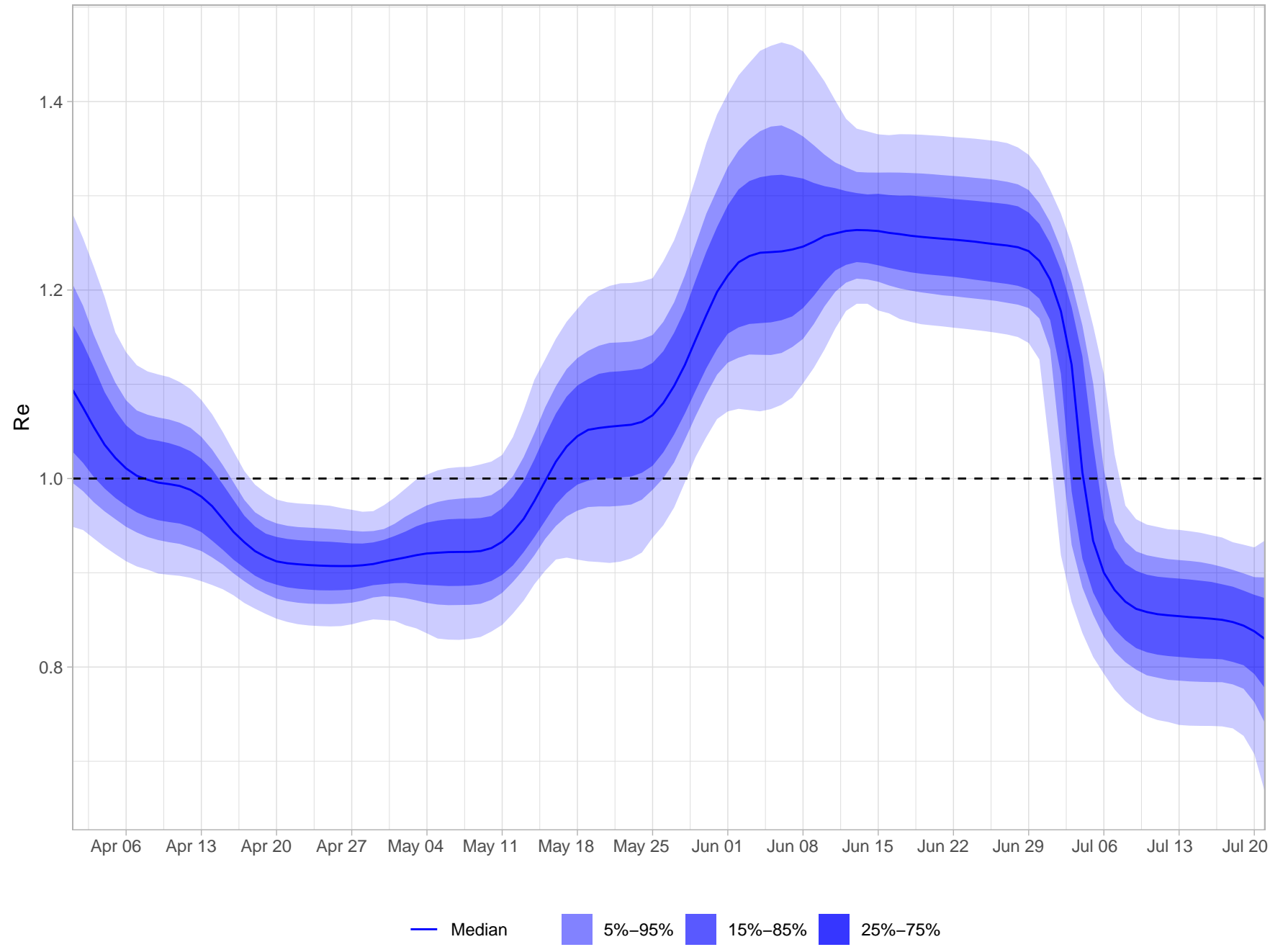
# Long Term Death Projection

Number of COVID19 Deaths



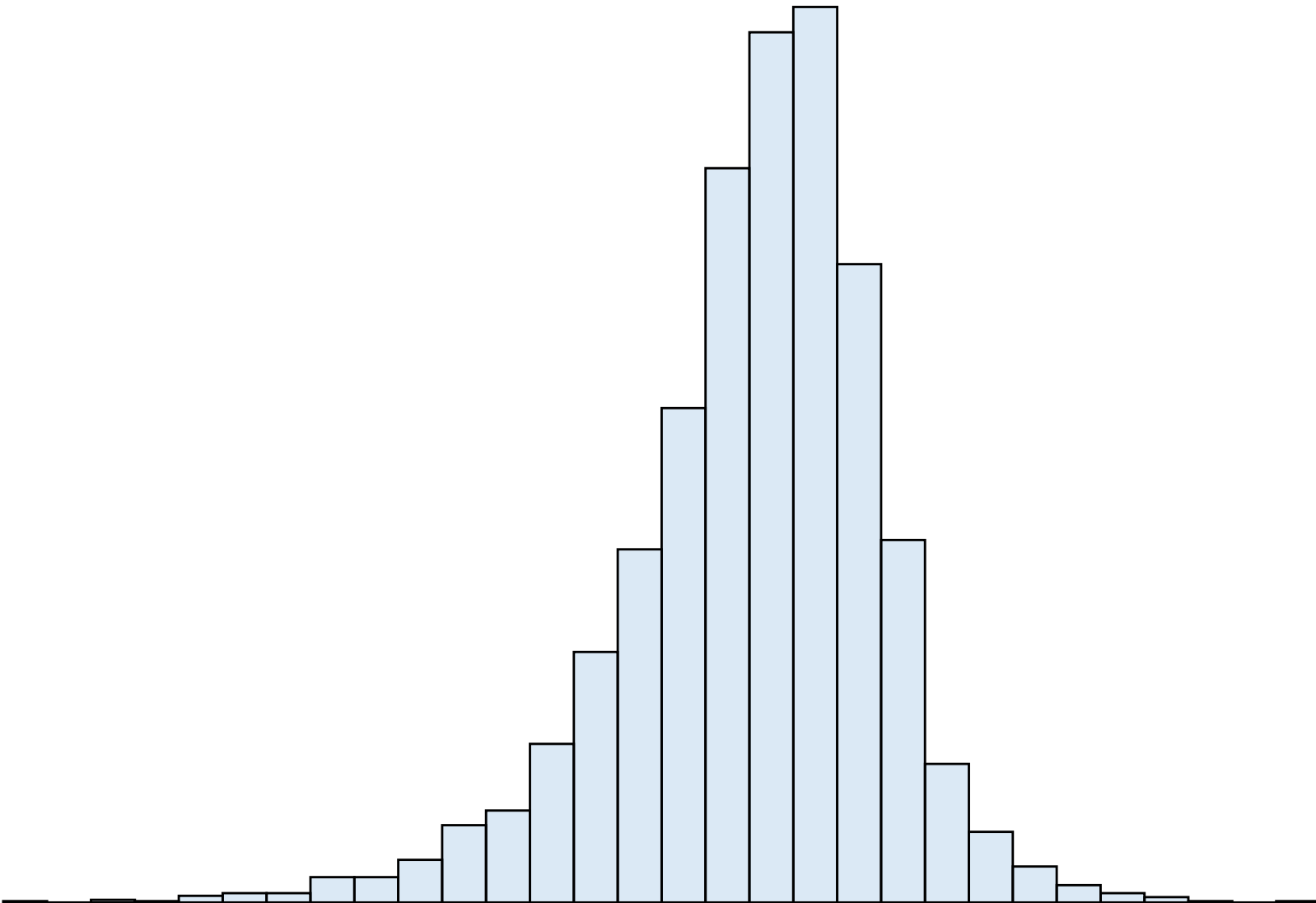
— Median    5%-95%    15%-85%    25%-75%

# Effective Reproduction Number



# Rt as of 2020-07-21

5% 10% 25% 50% 75% 90% 95%  
0.67 0.71 0.78 0.83 0.87 0.91 0.93

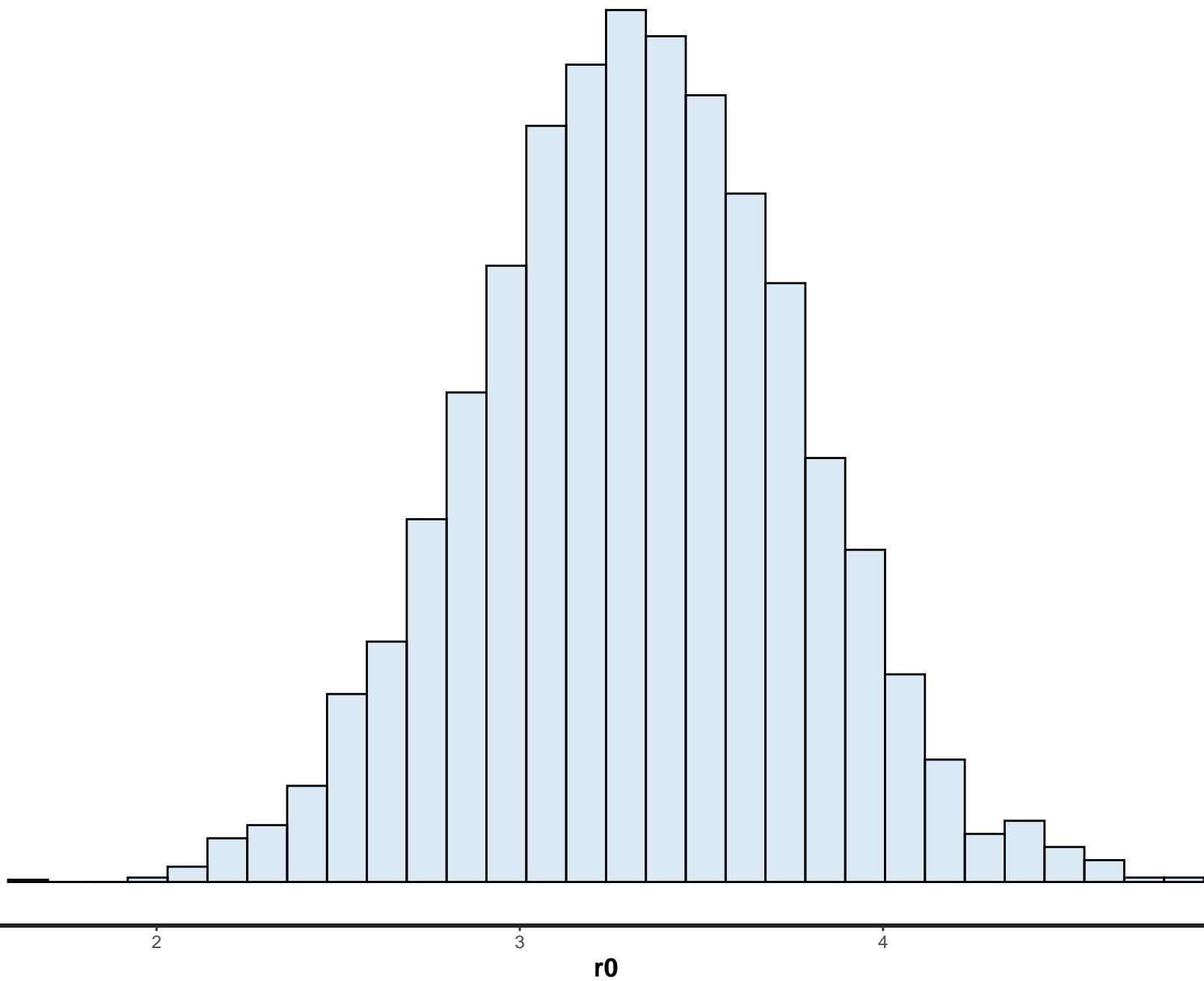


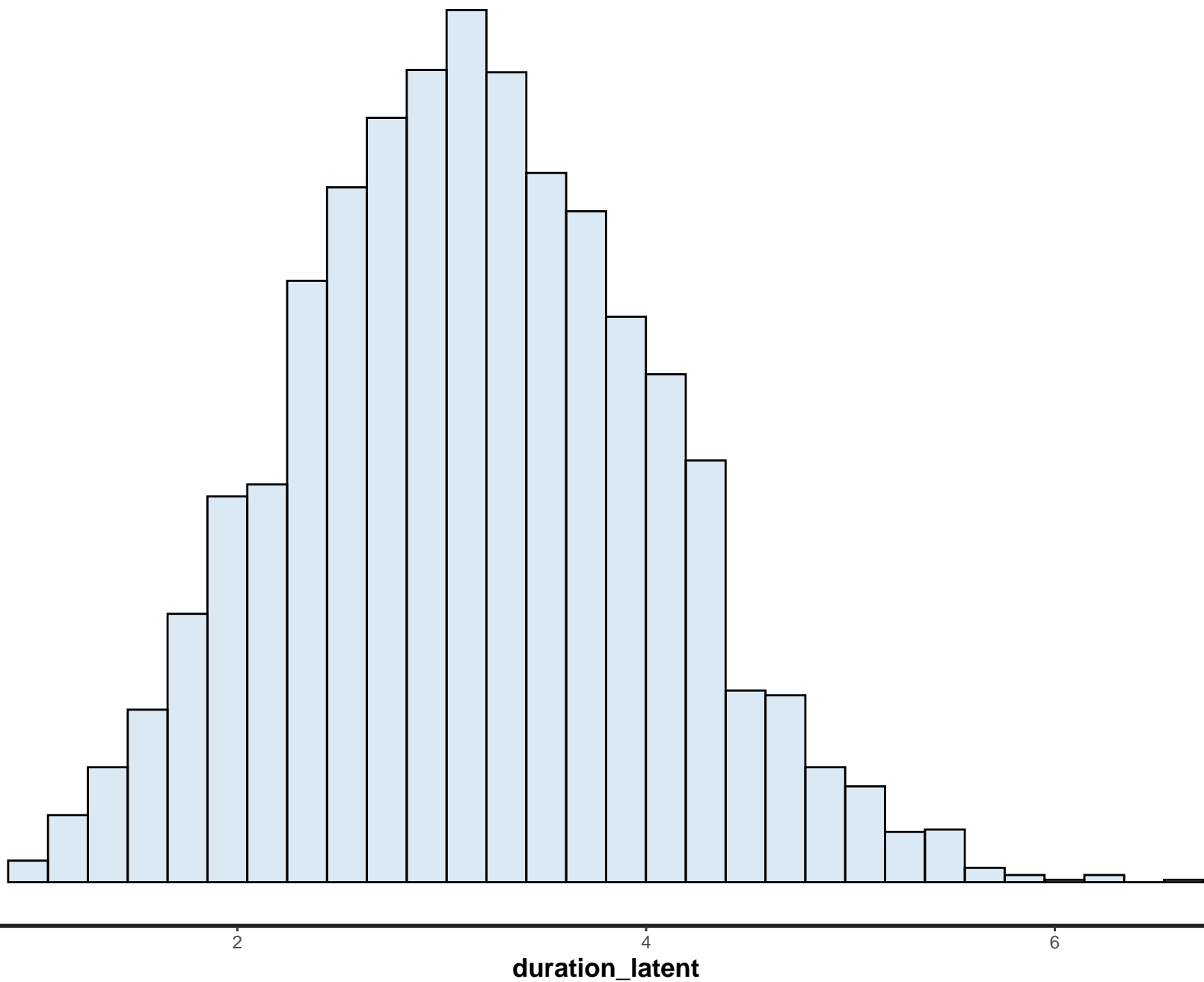
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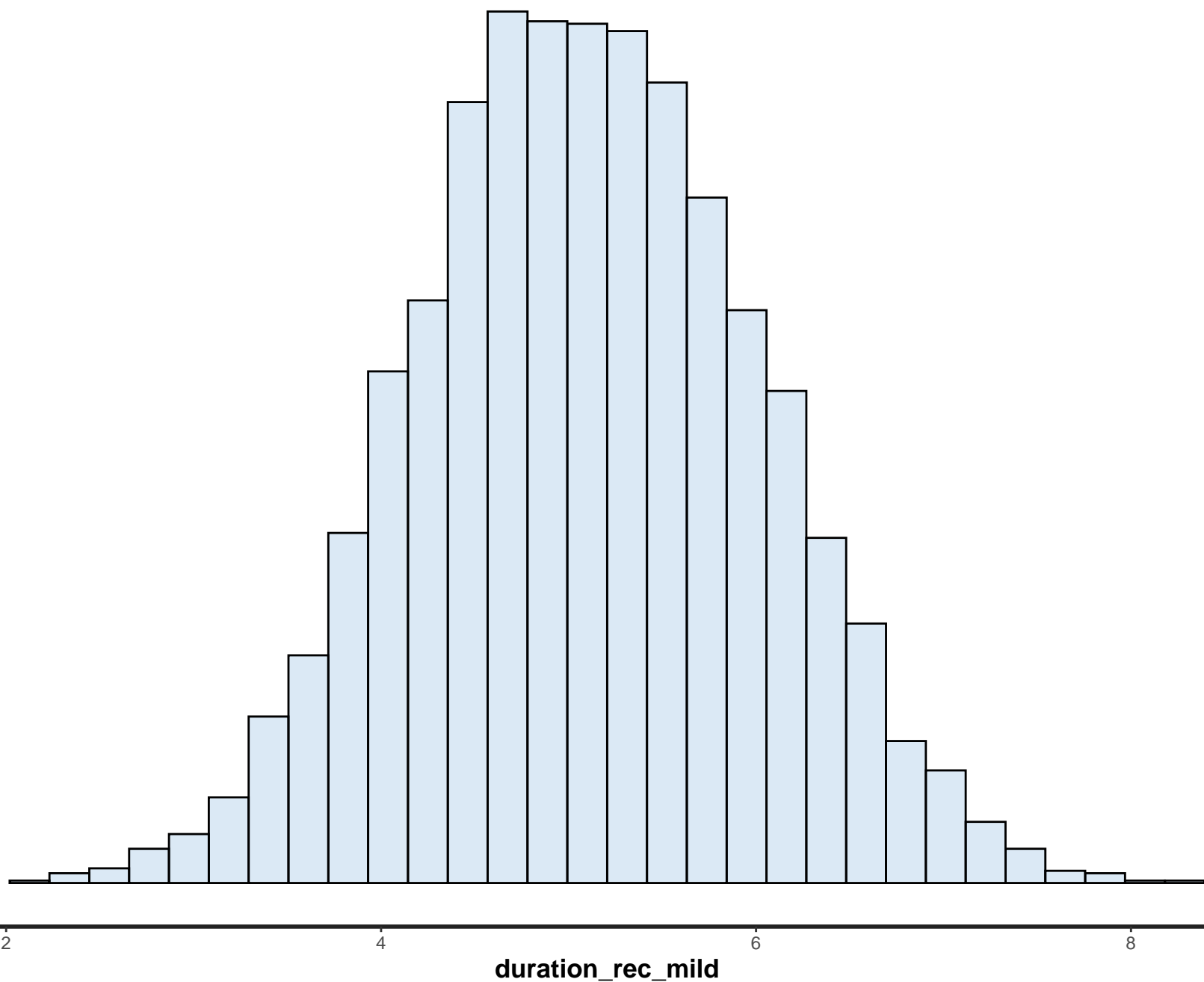
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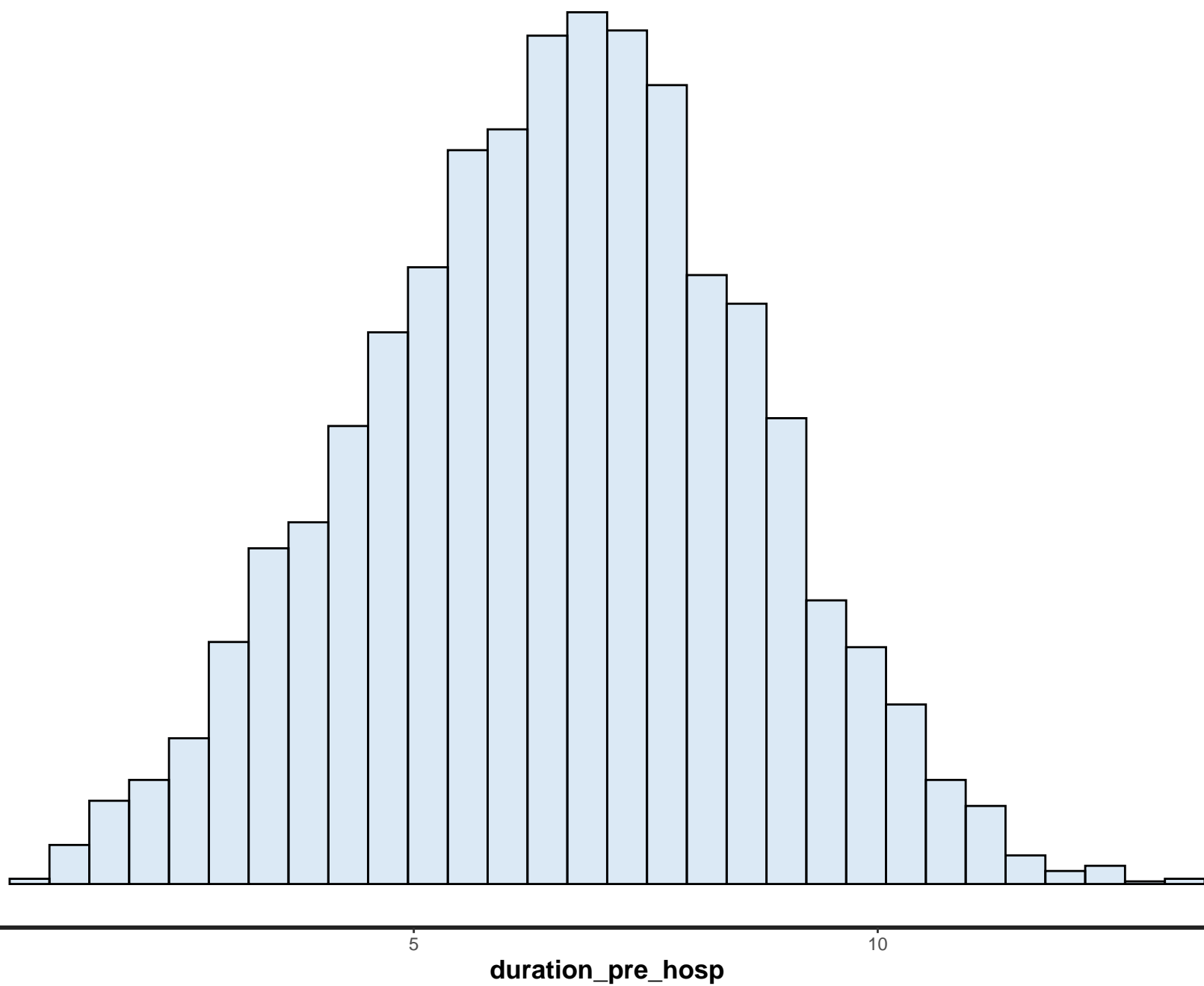
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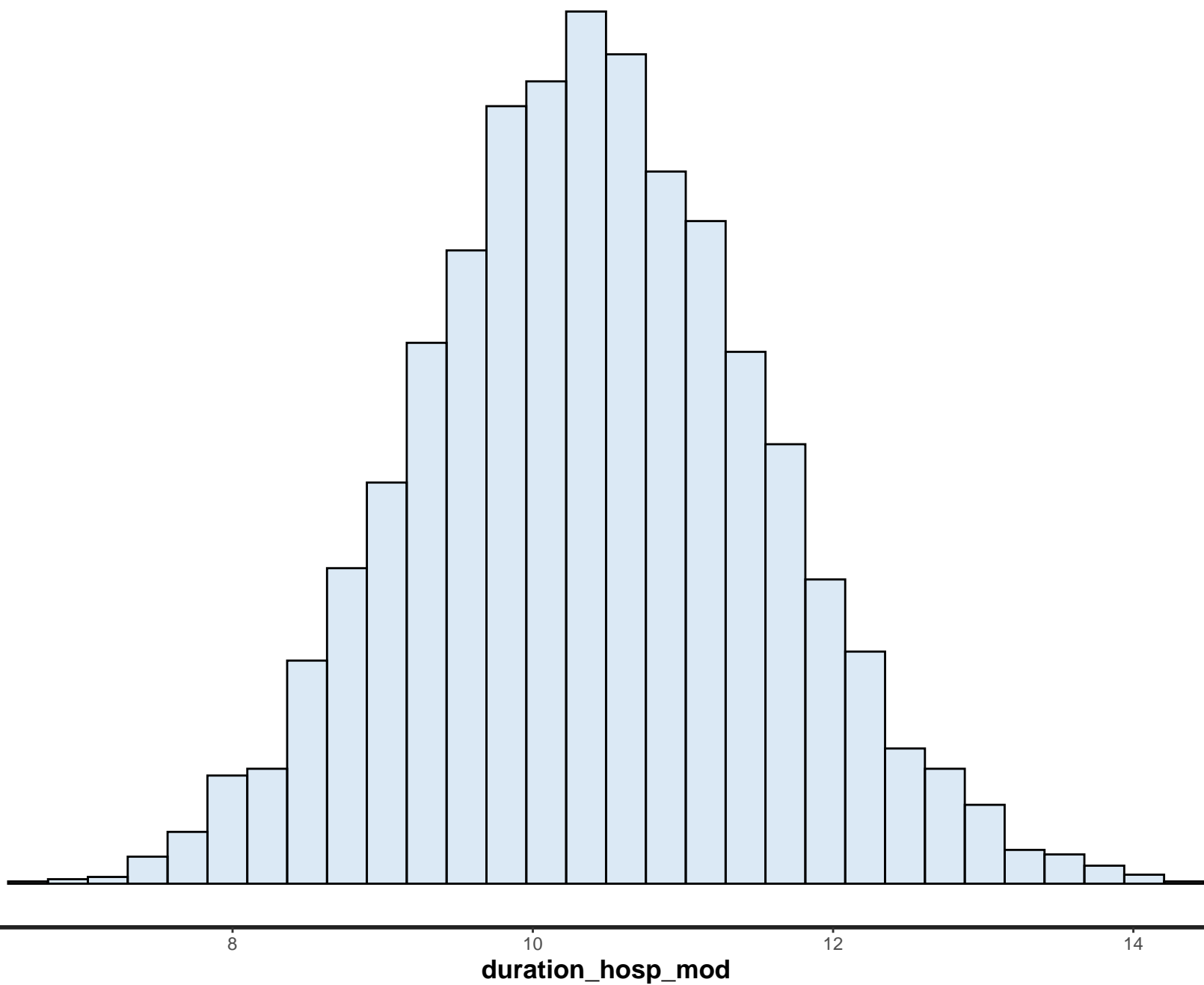


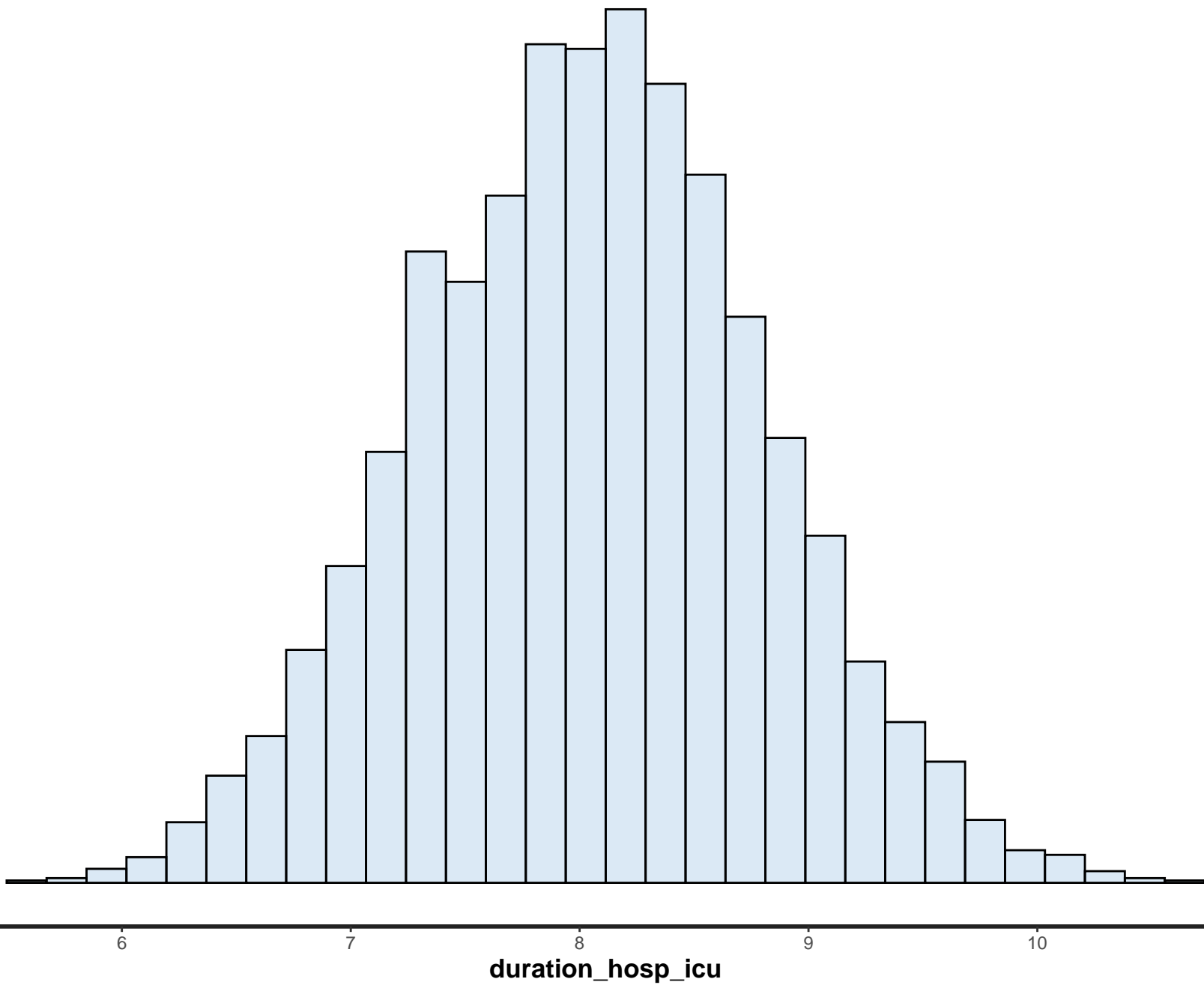


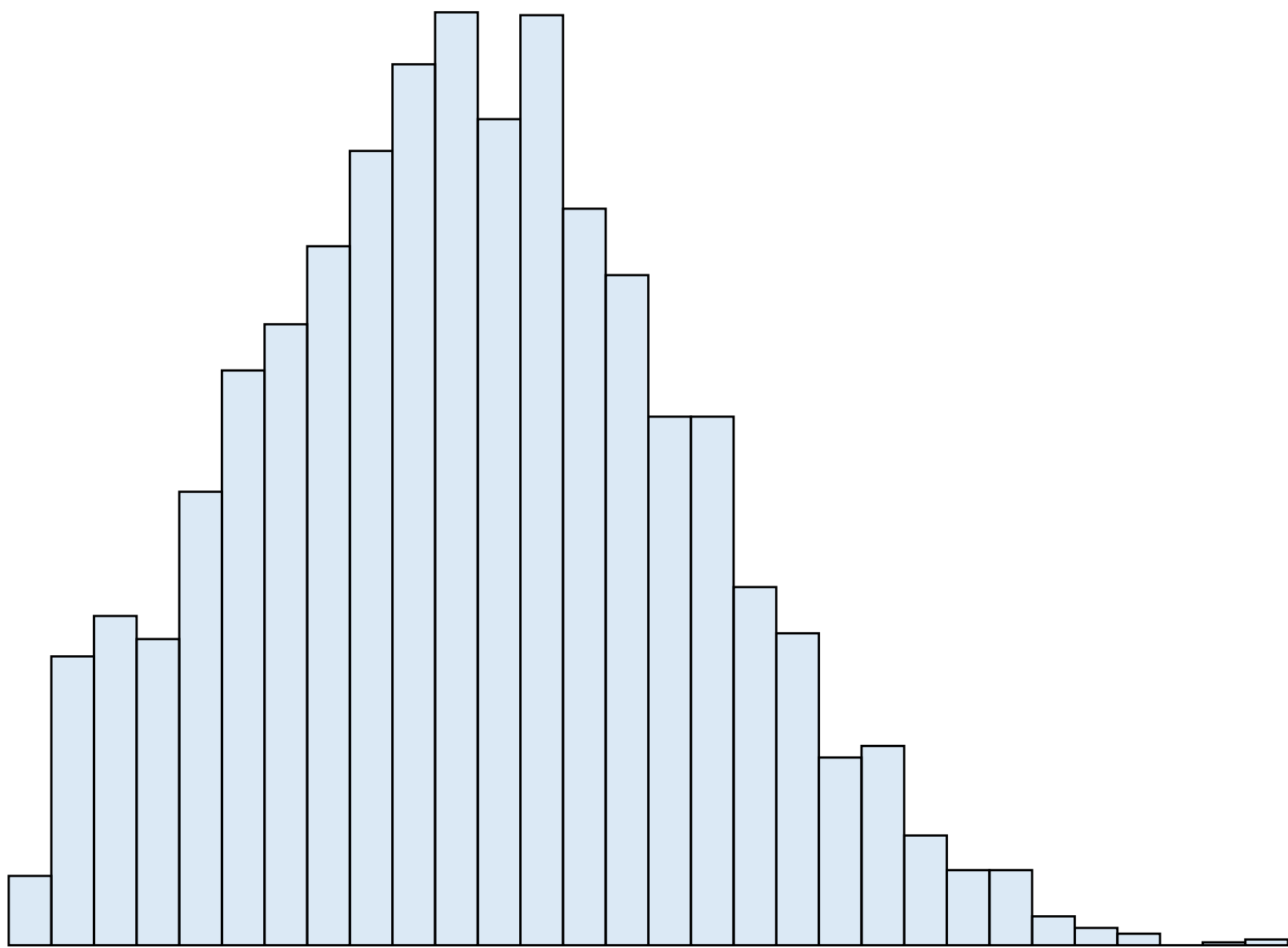












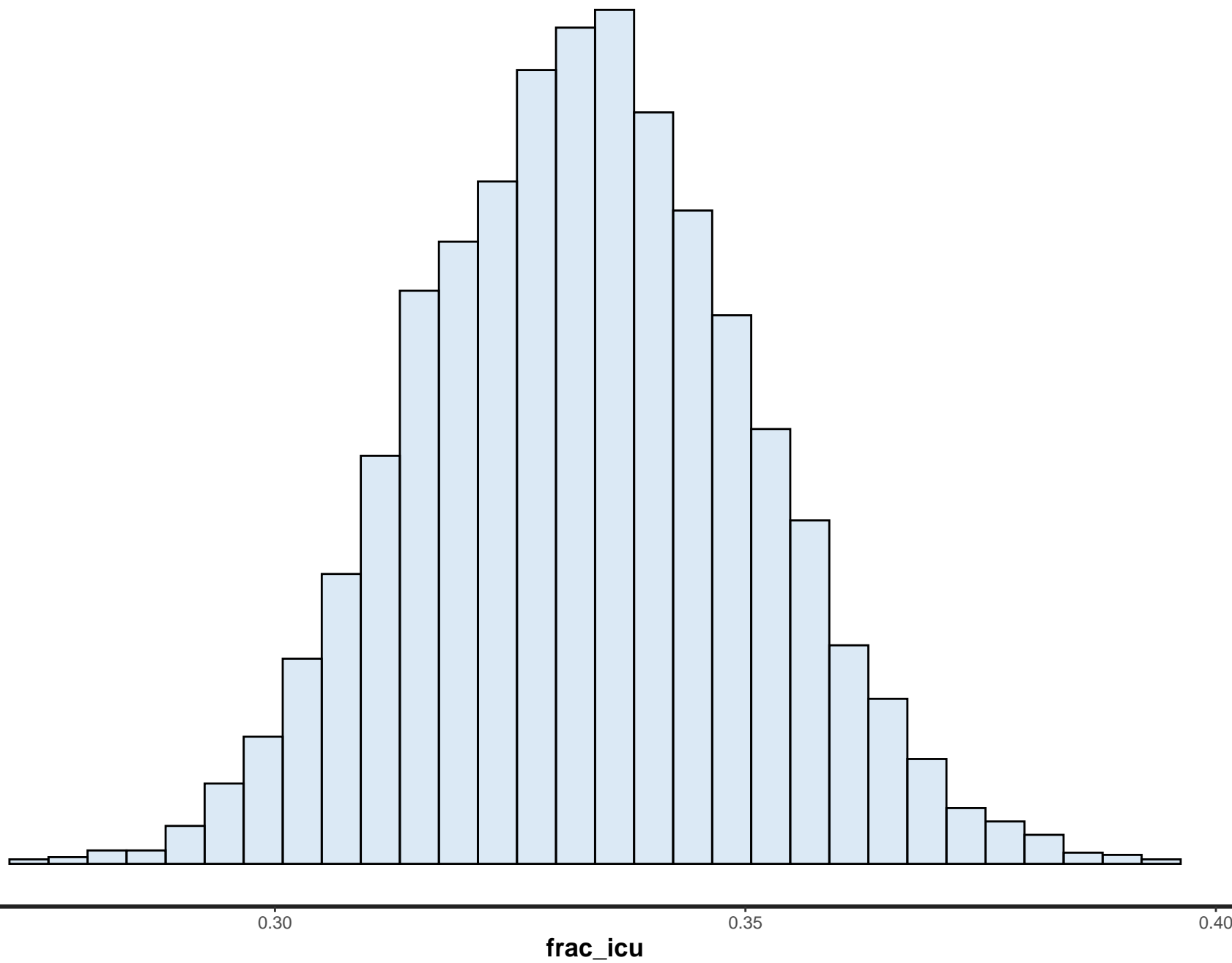
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0.03

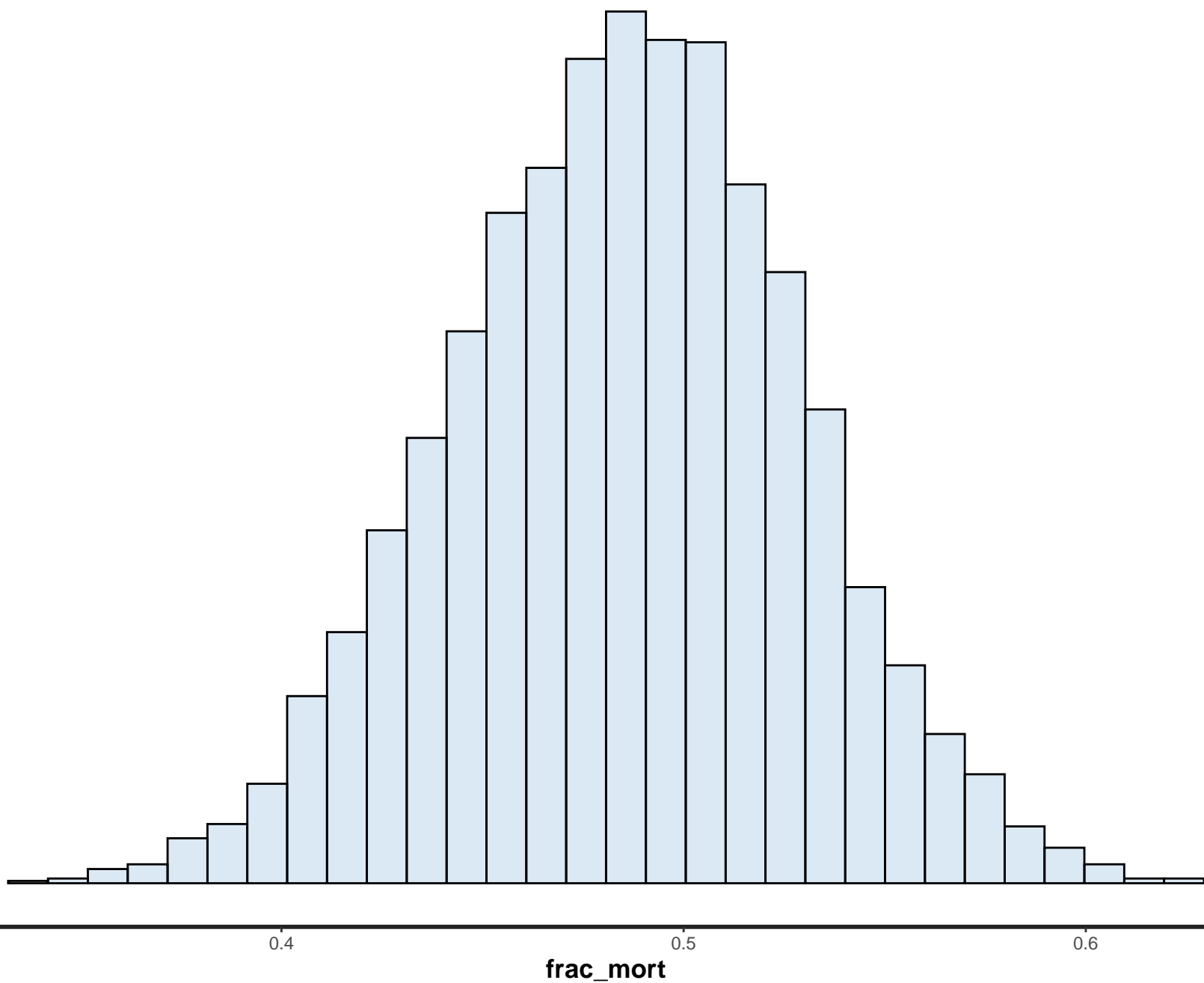
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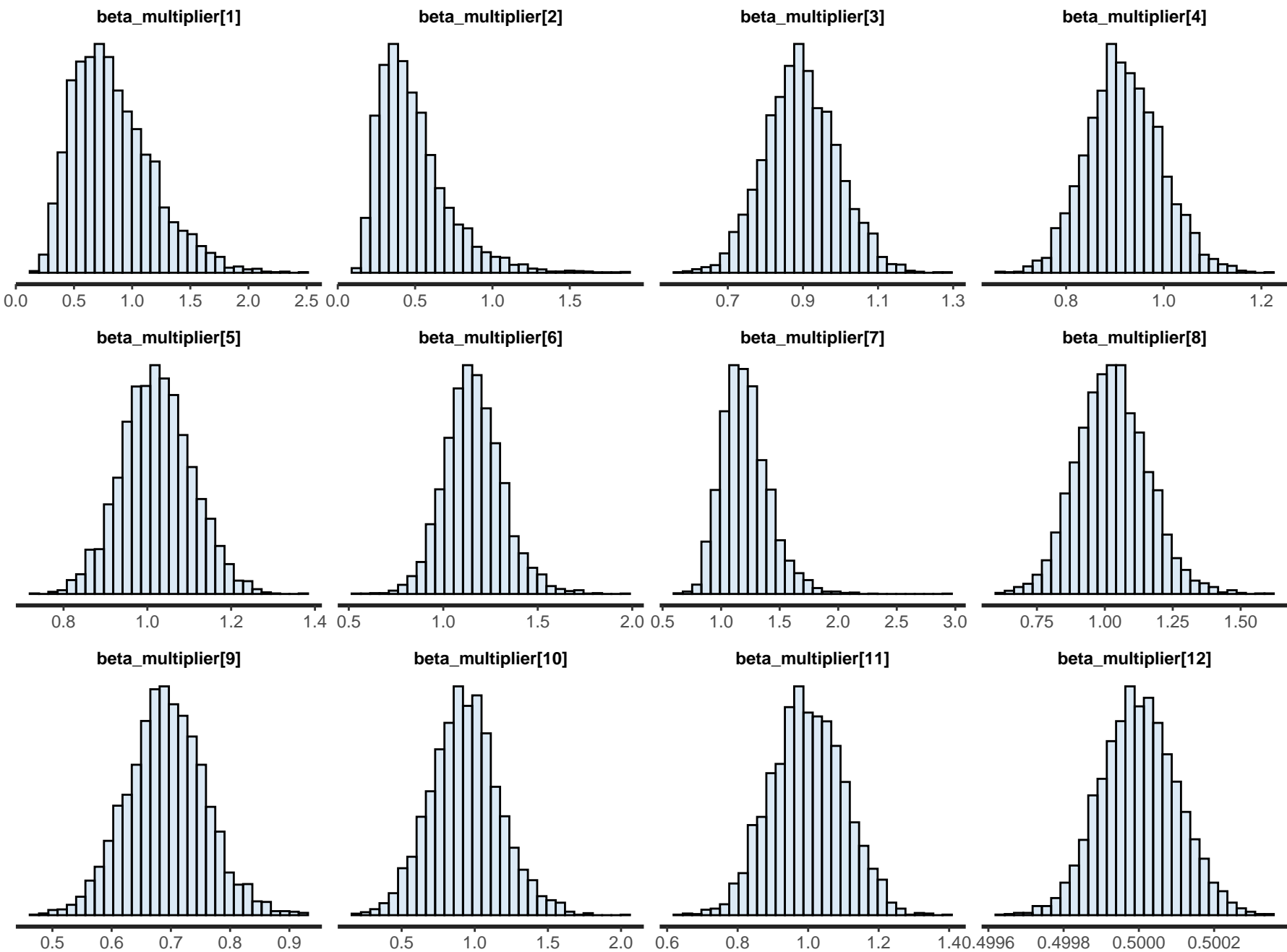
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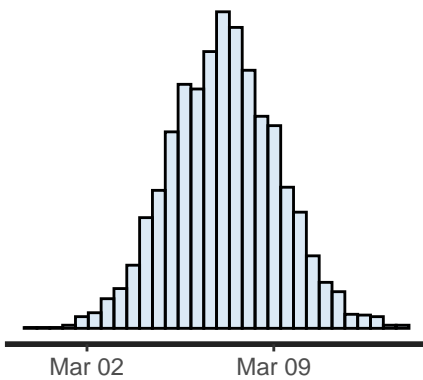
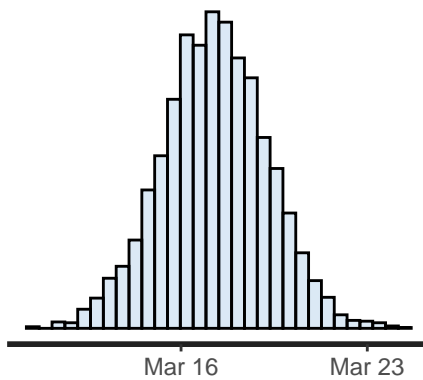
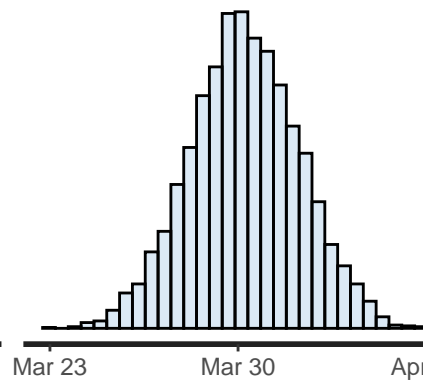
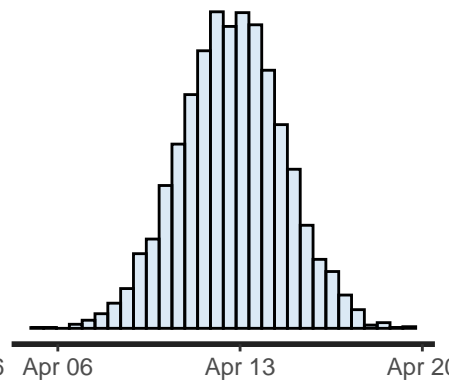
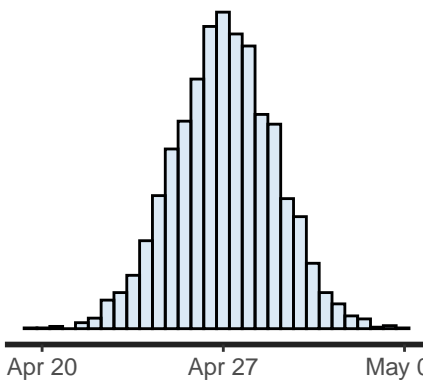
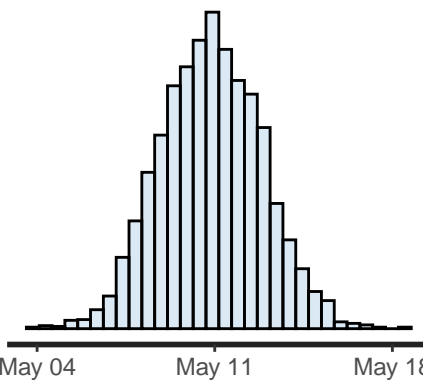
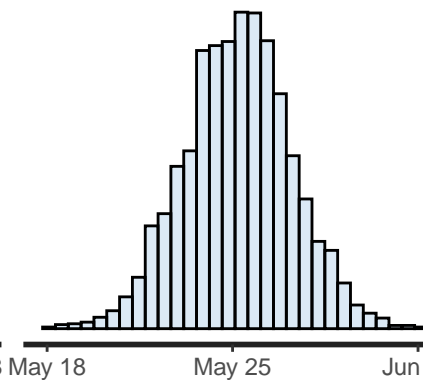
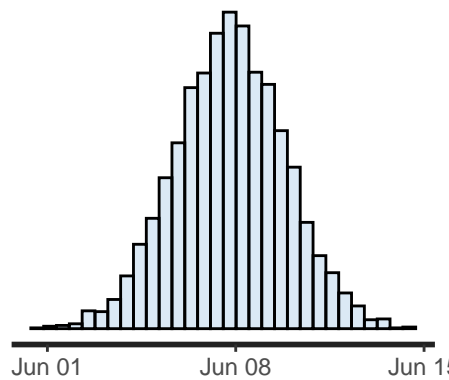
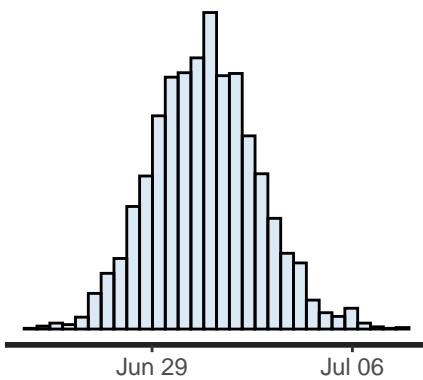
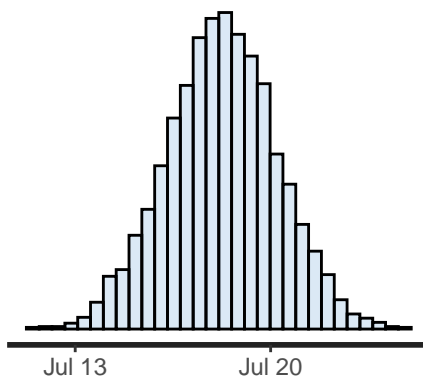
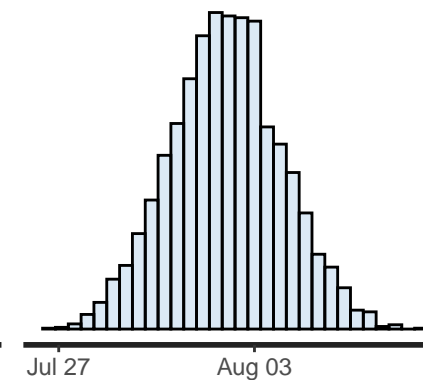
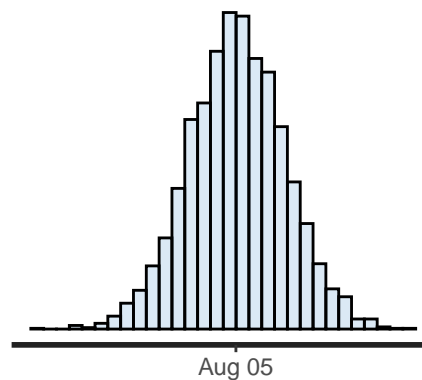
**frac\_hosp**



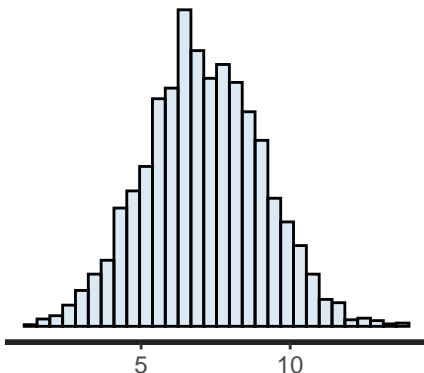




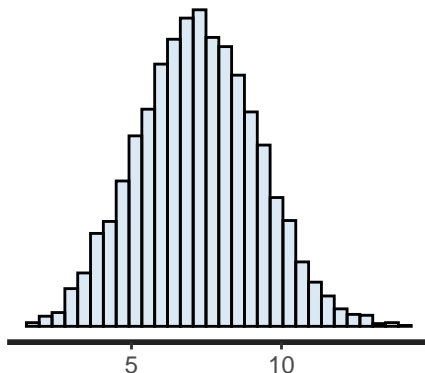


**t\_inter[1]****t\_inter[2]****t\_inter[3]****t\_inter[4]****t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]****t\_inter[9]****t\_inter[10]****t\_inter[11]****t\_inter[12]**

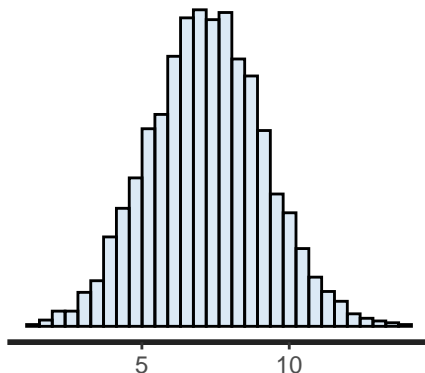
len\_inter[1]



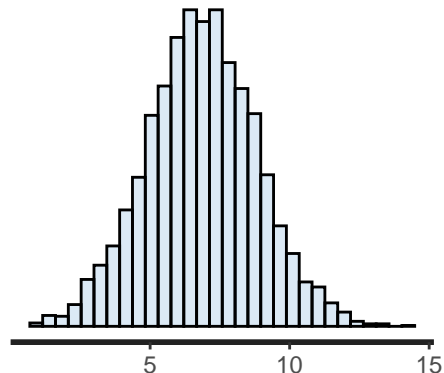
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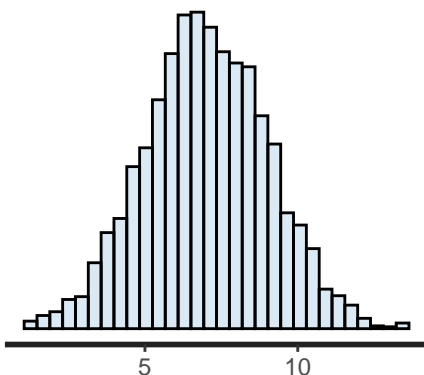
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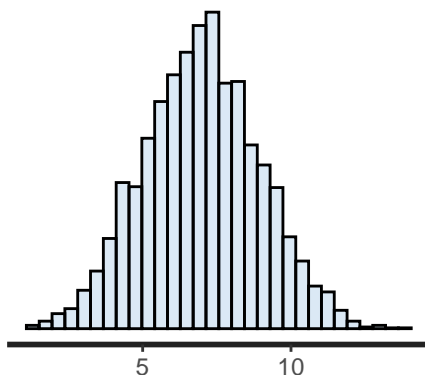
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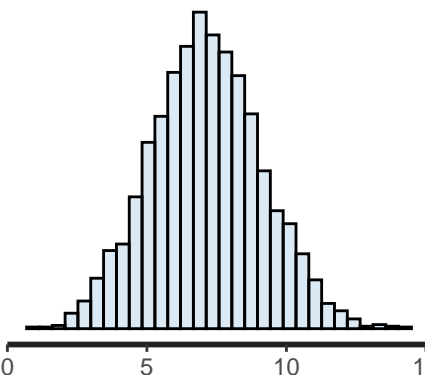
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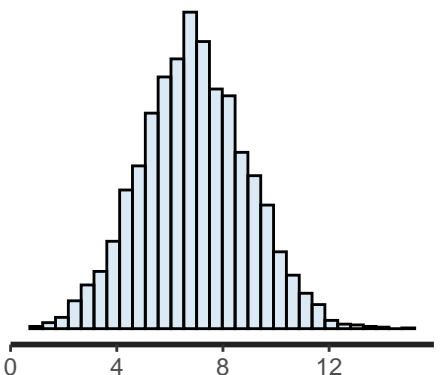
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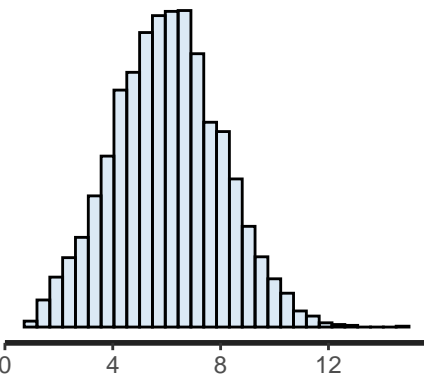
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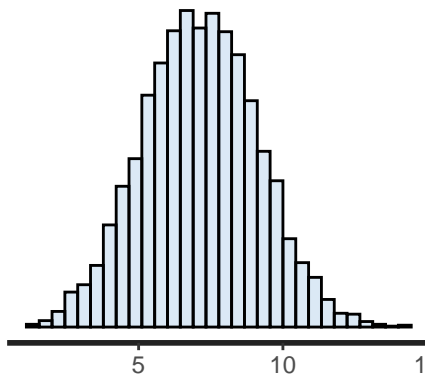
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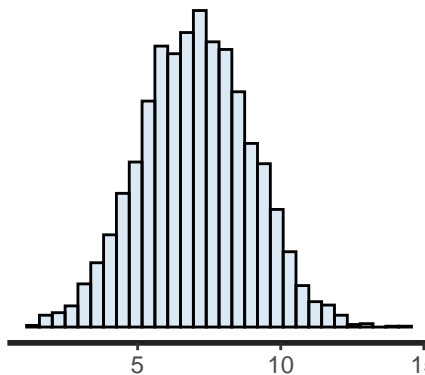
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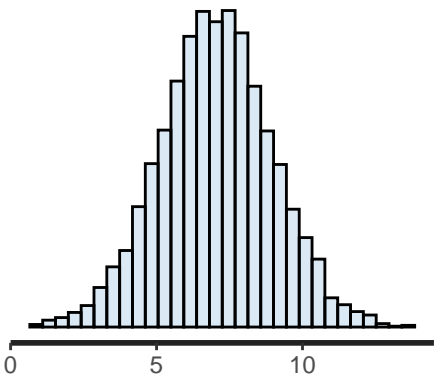
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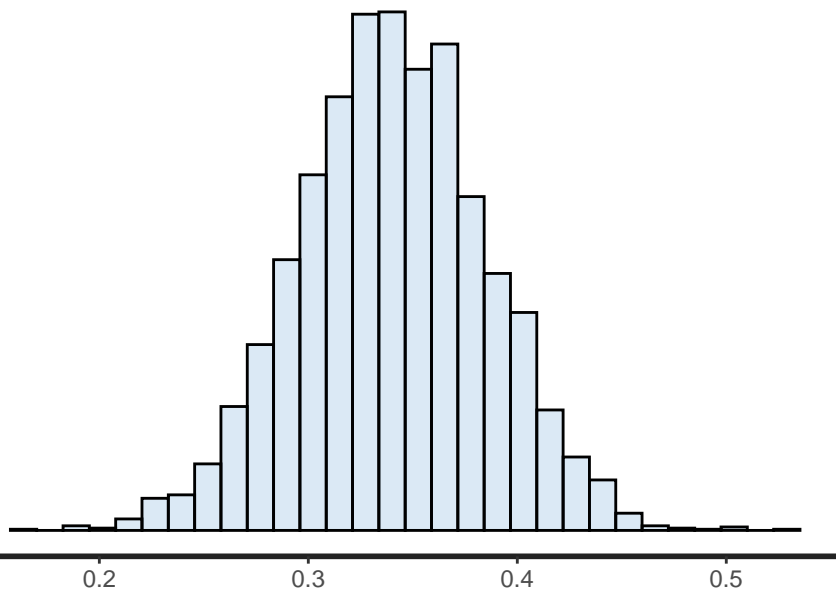
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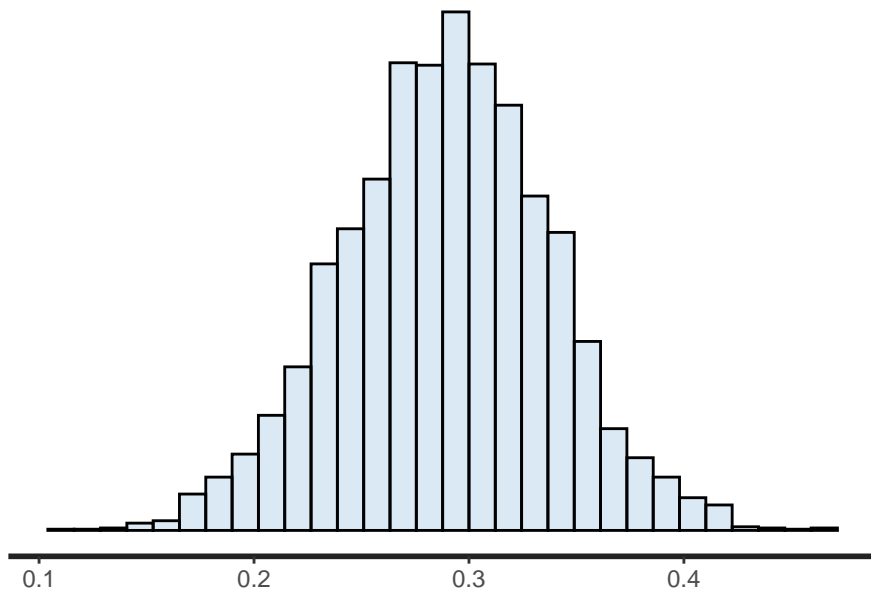
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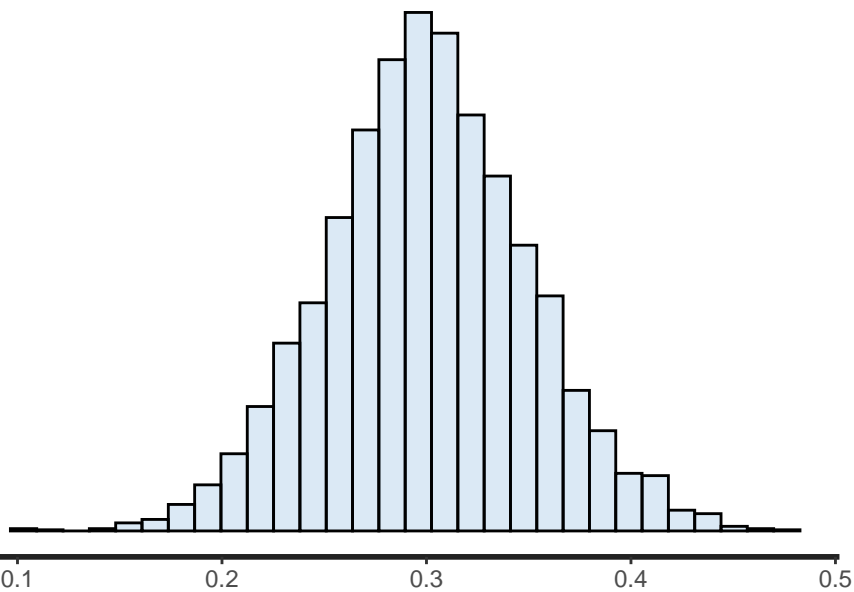
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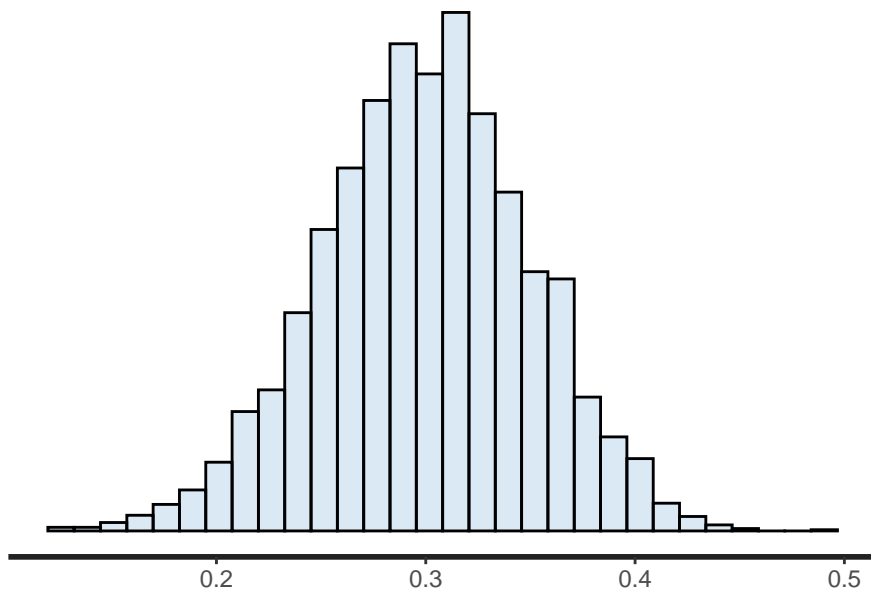
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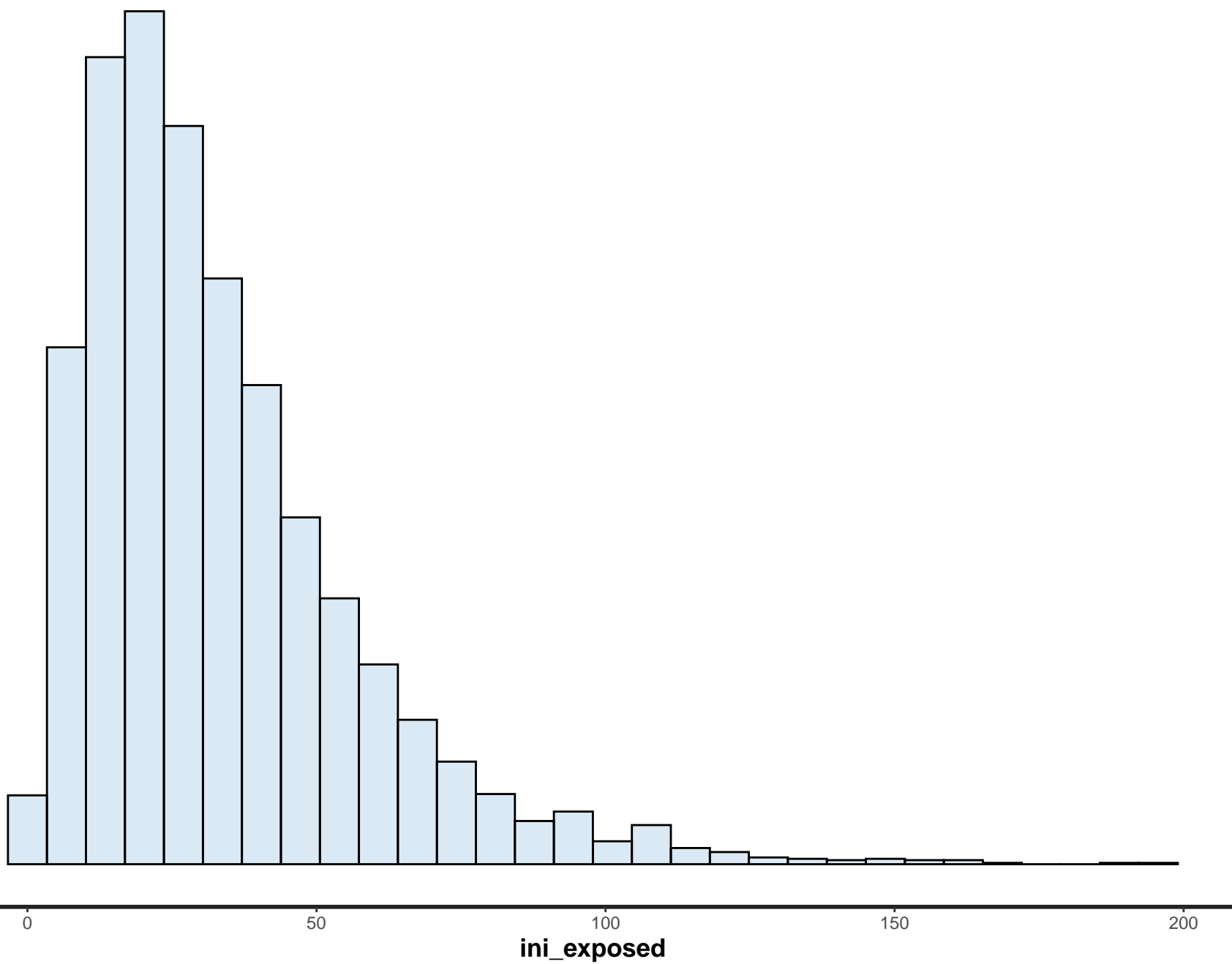


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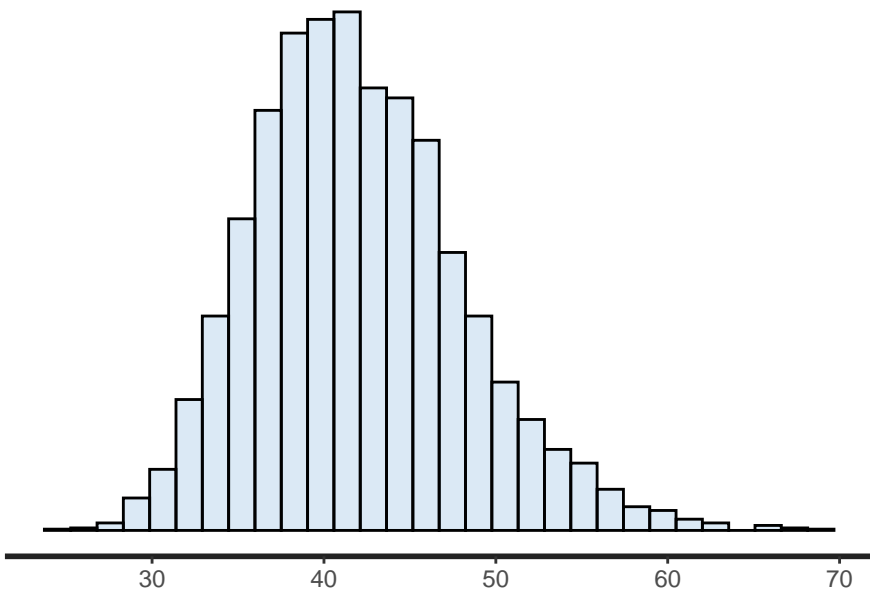


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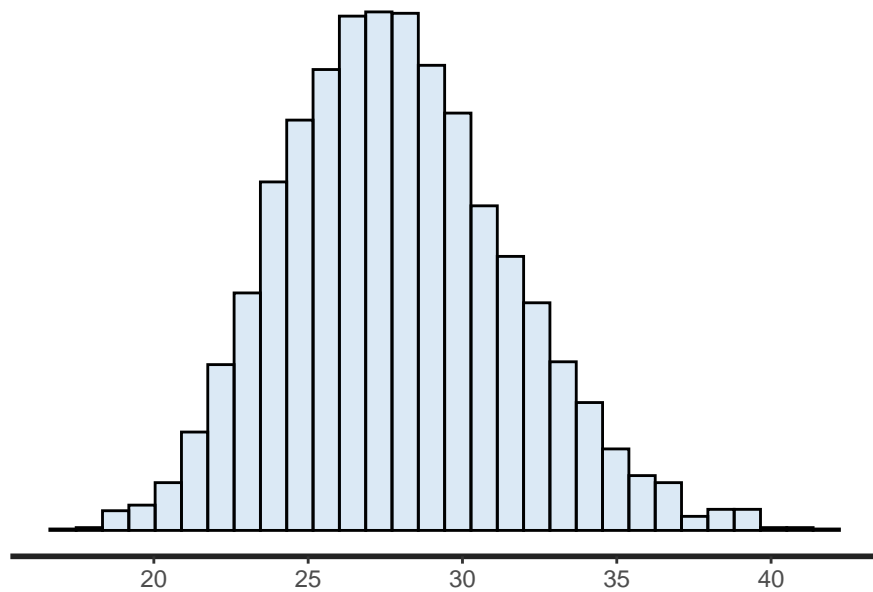




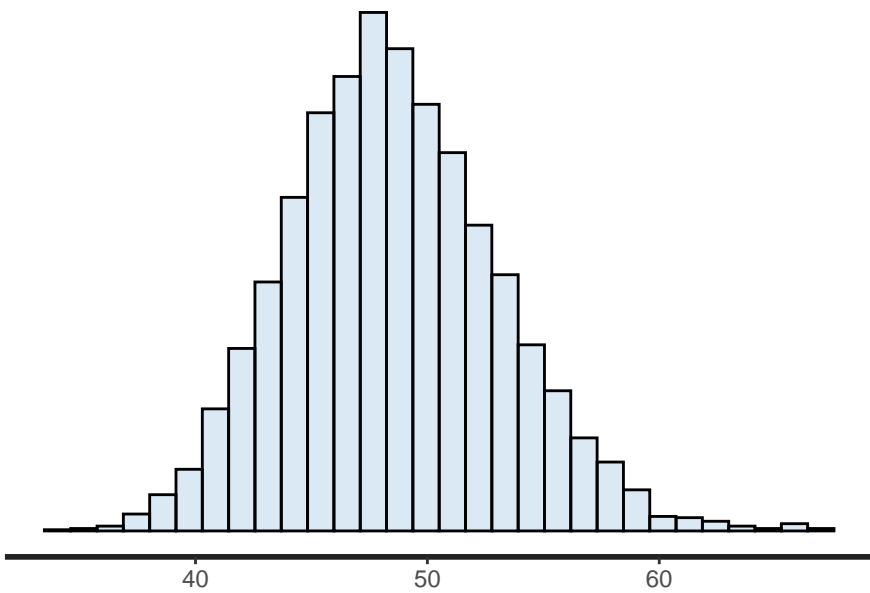
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

