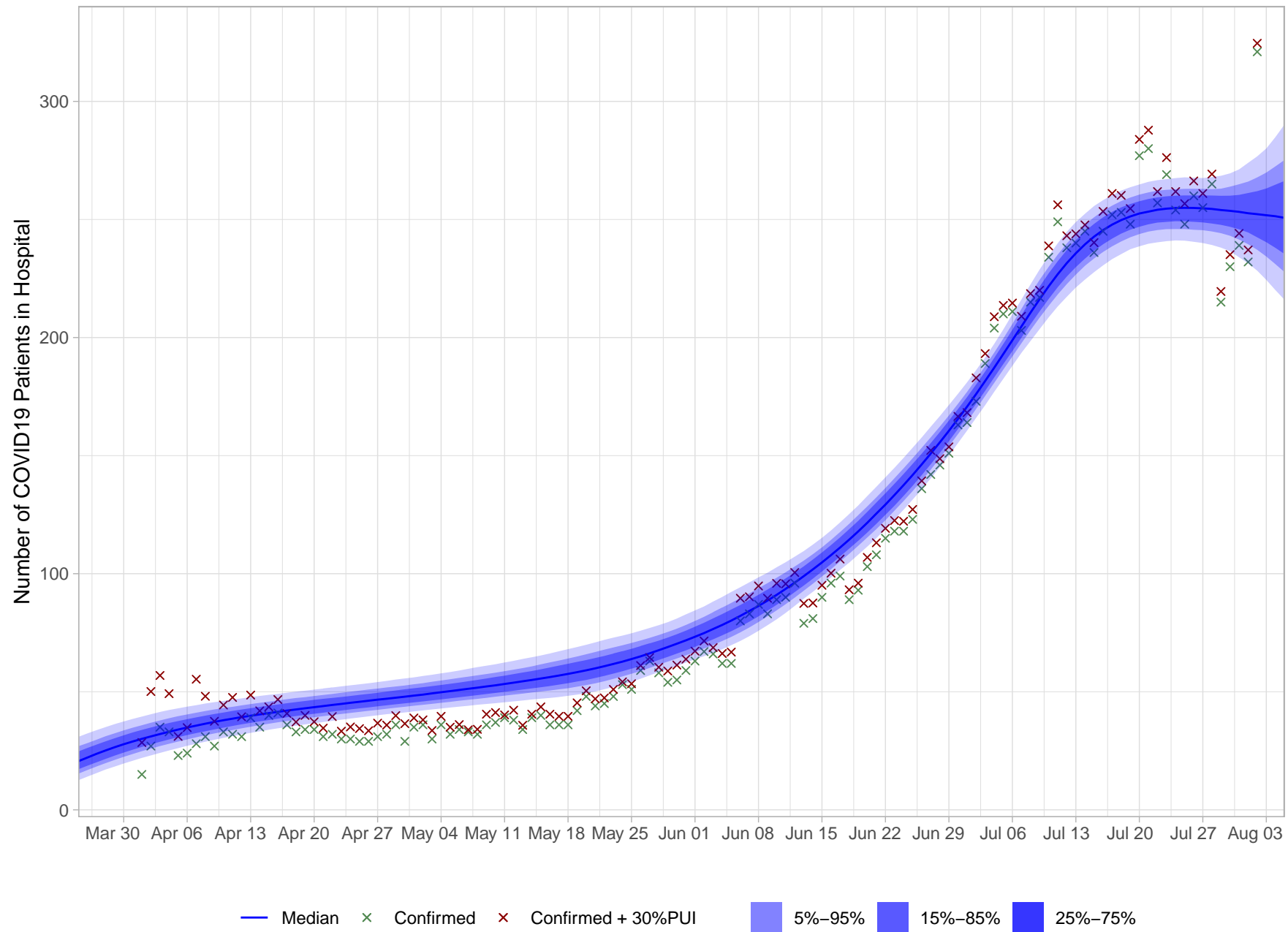
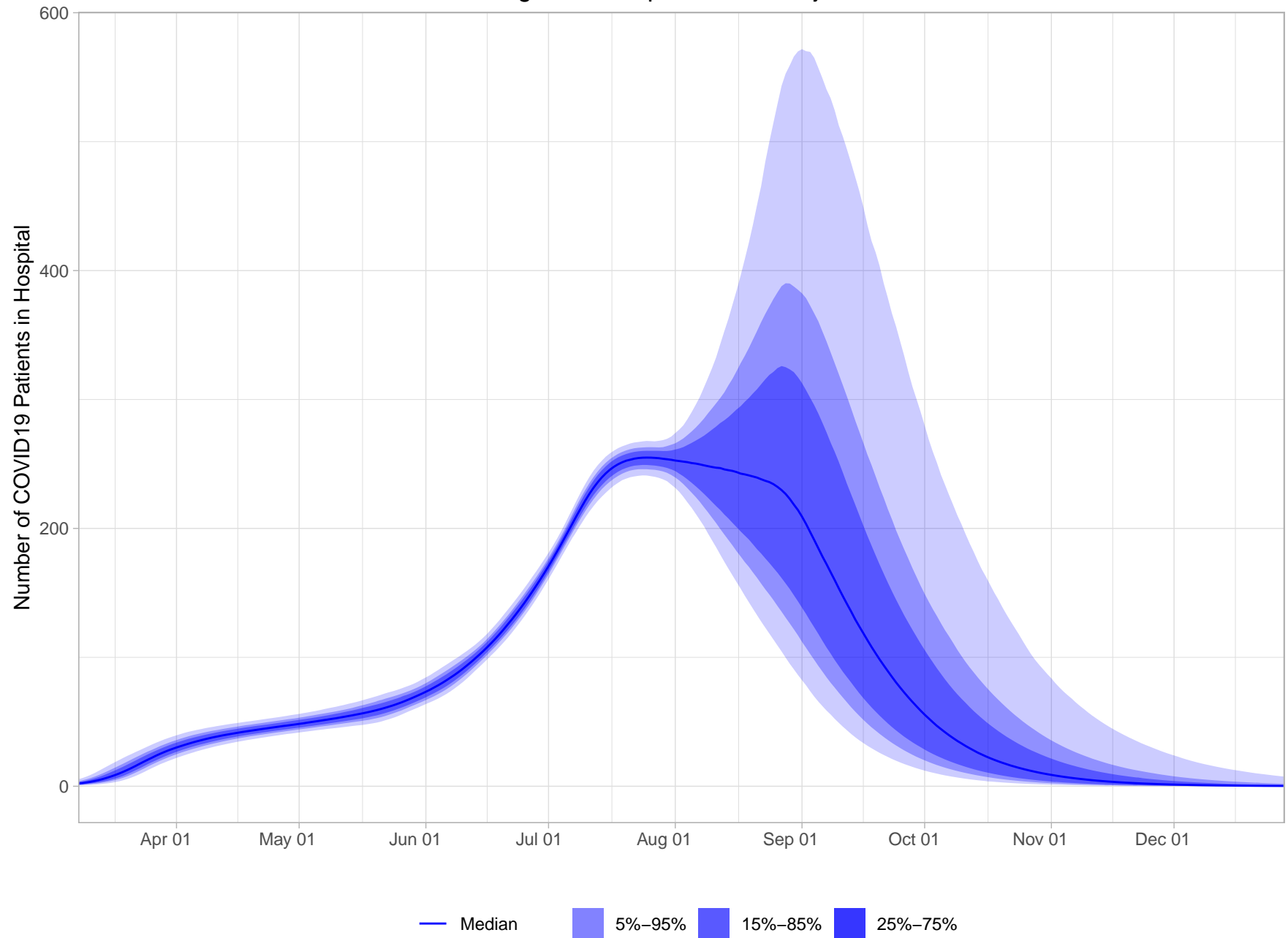


# Short Term Hospitalization Projection

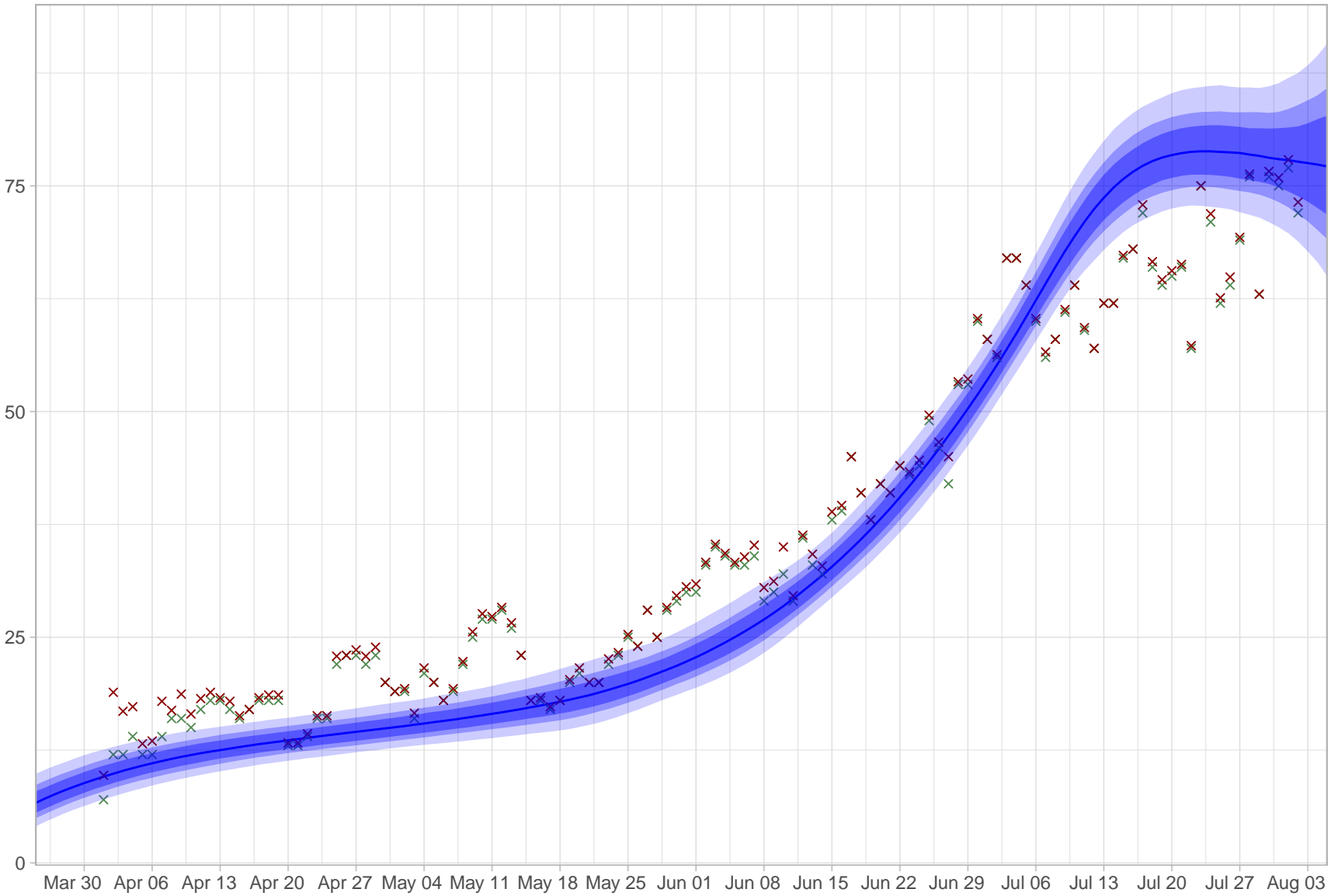


# Long Term Hospitalization Projection



# Short Term ICU Projection

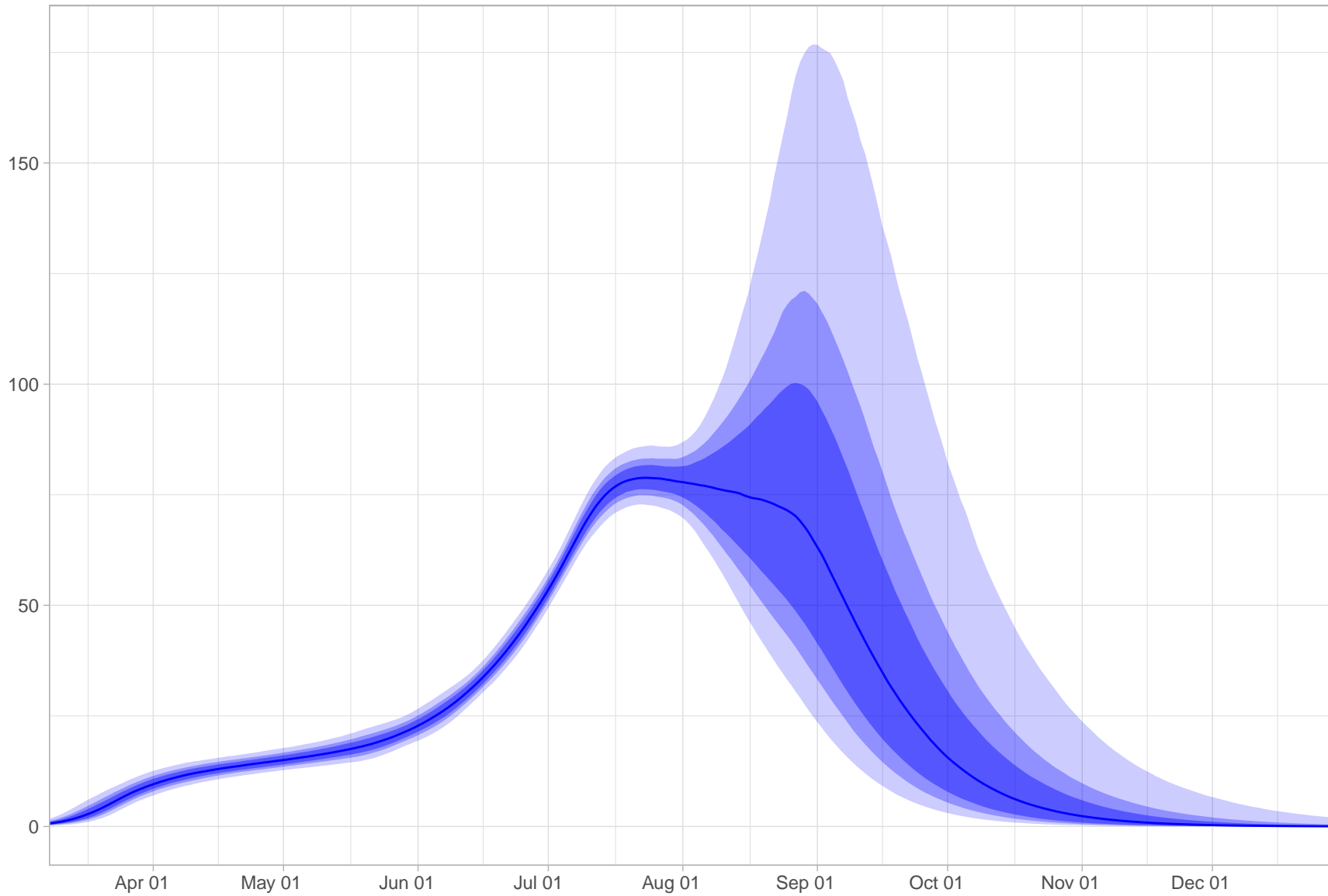
Number of COVID19 Patients in ICU



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

# Long Term ICU Projection

Number of COVID19 Patients in ICU



— Median

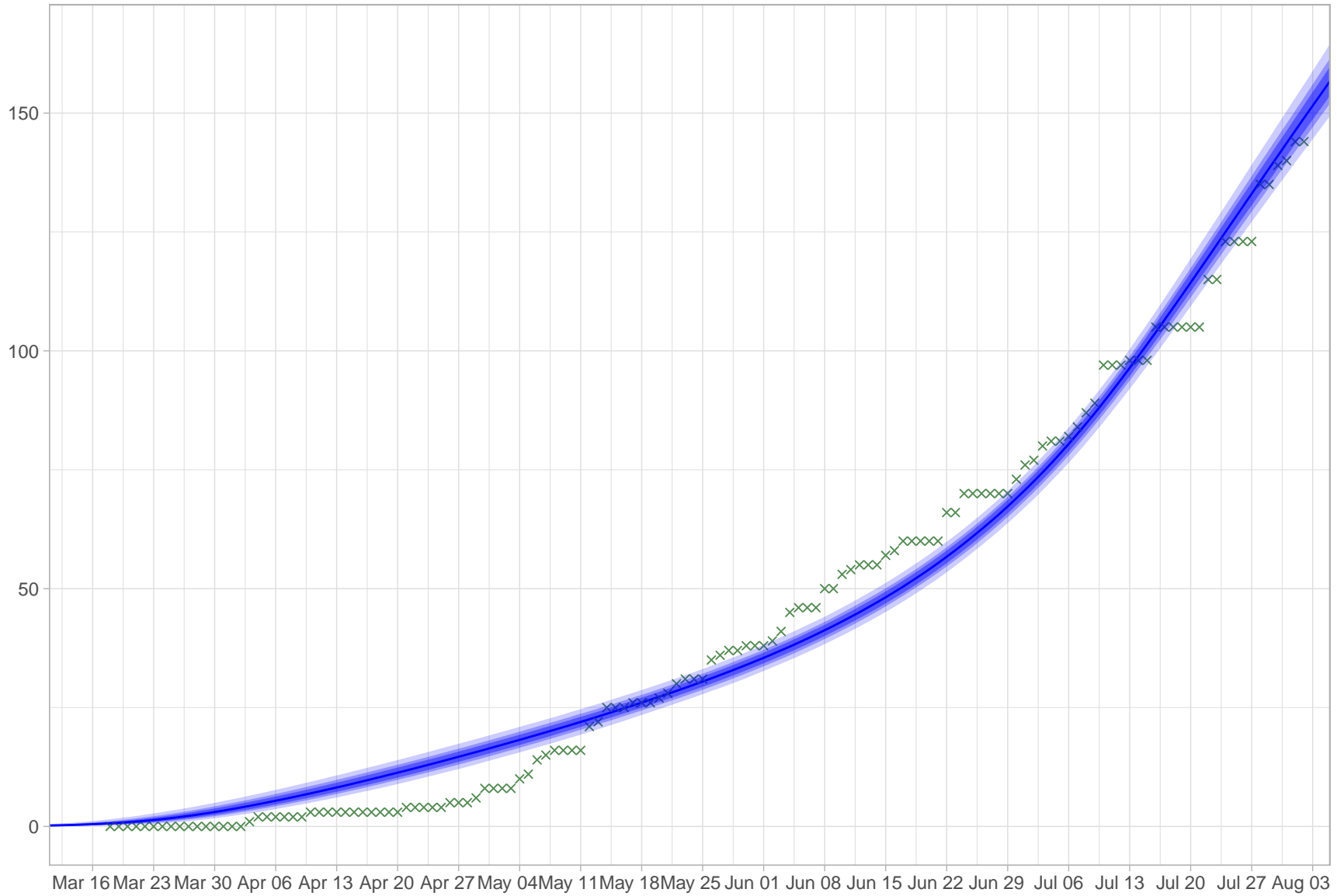
5%–95%

15%–85%

25%–75%

# Short Term Death Projection

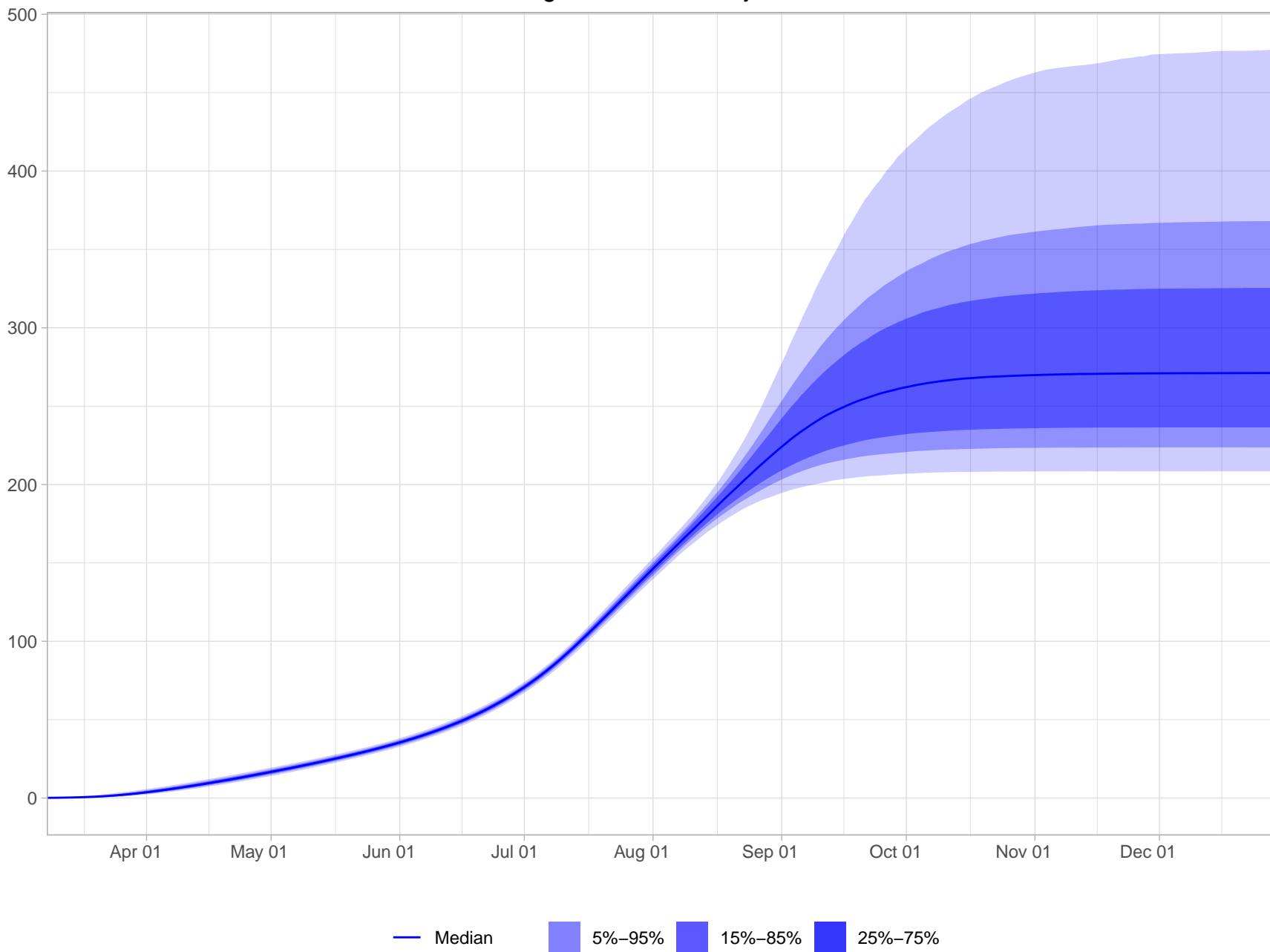
Number of COVID19 Deaths



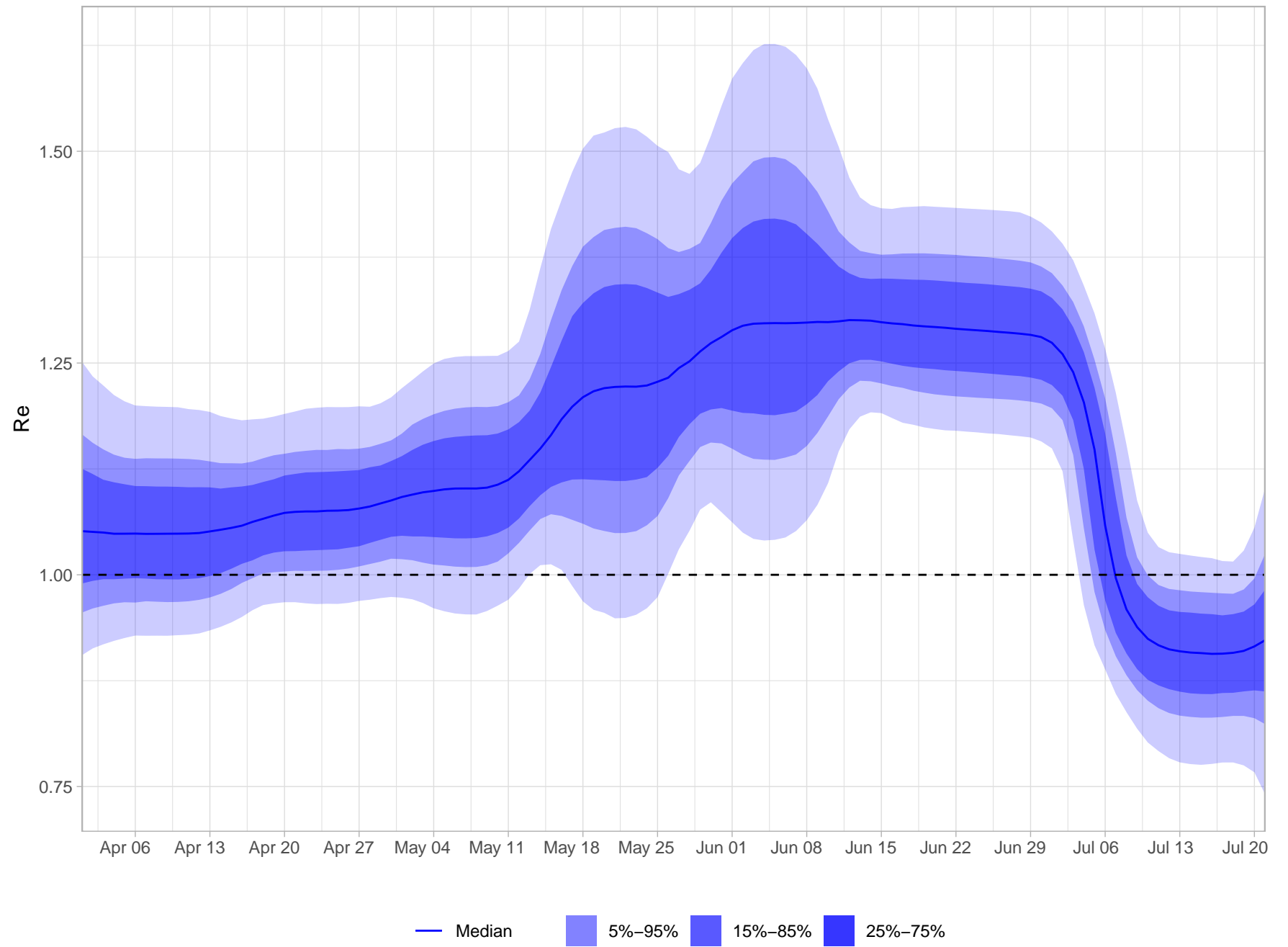
Median × Confirmed 5%–95% 15%–85% 25%–75%

# Long Term Death Projection

Number of COVID19 Deaths

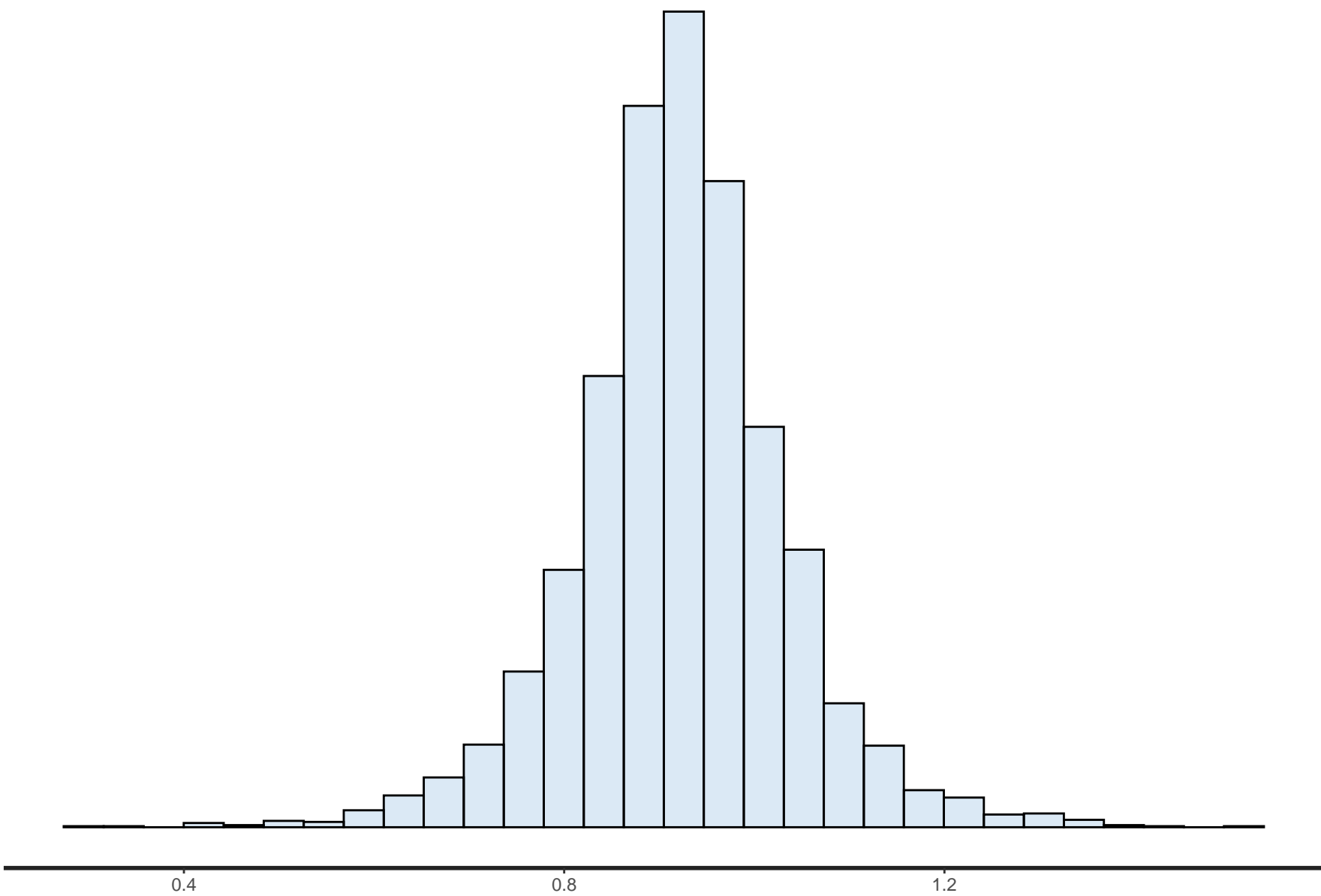


# Effective Reproduction Number

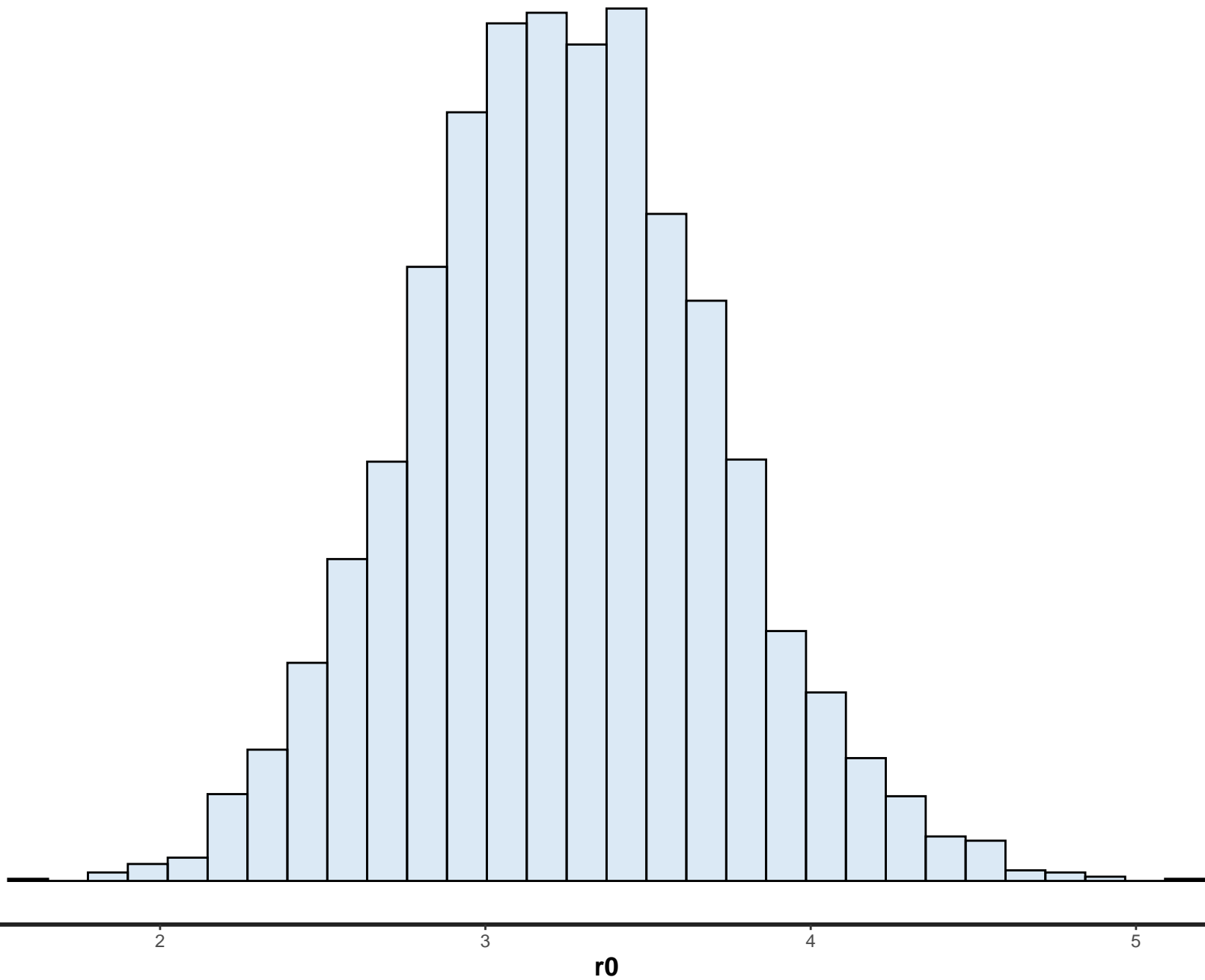


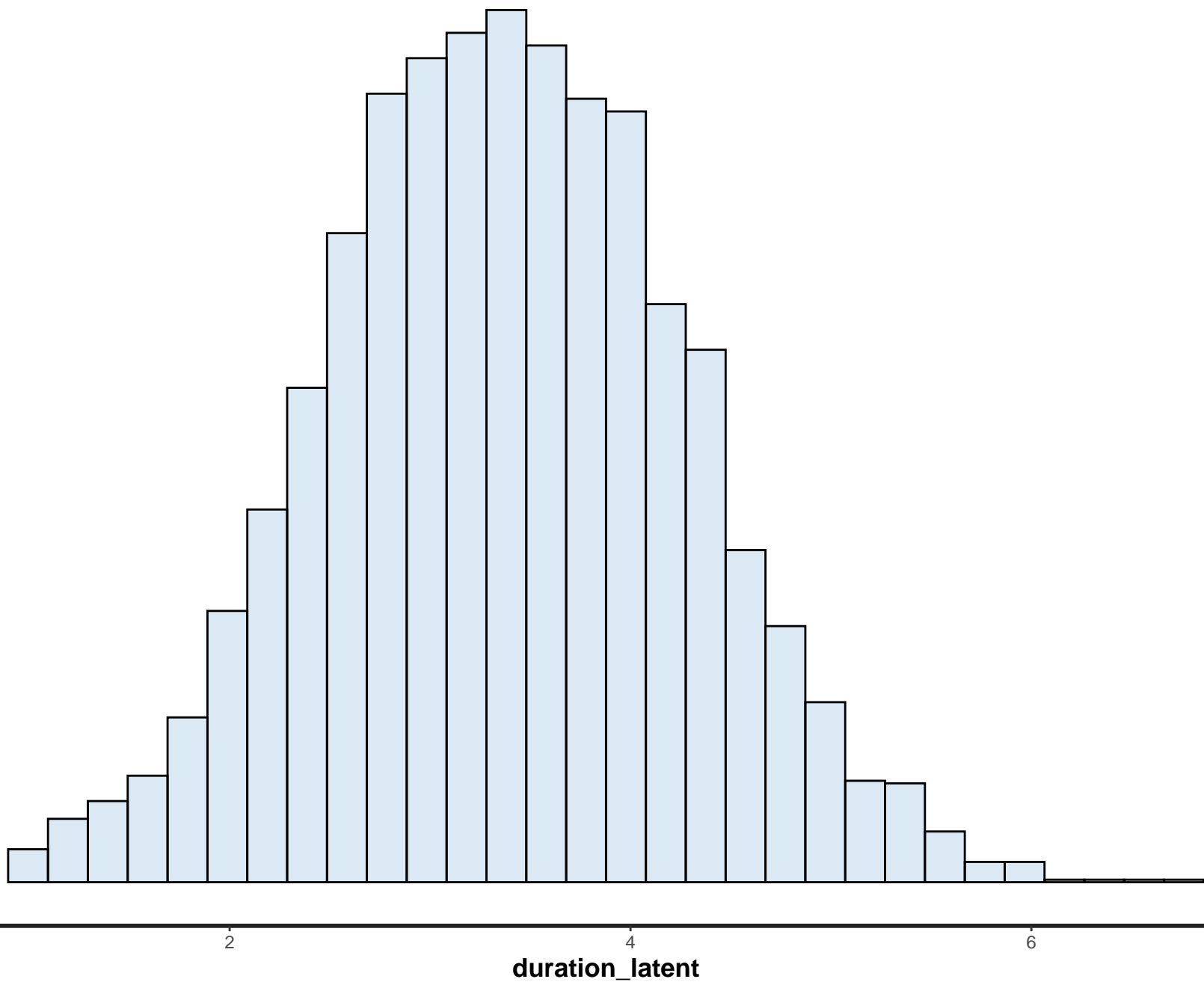
# Rt as of 2020-07-21

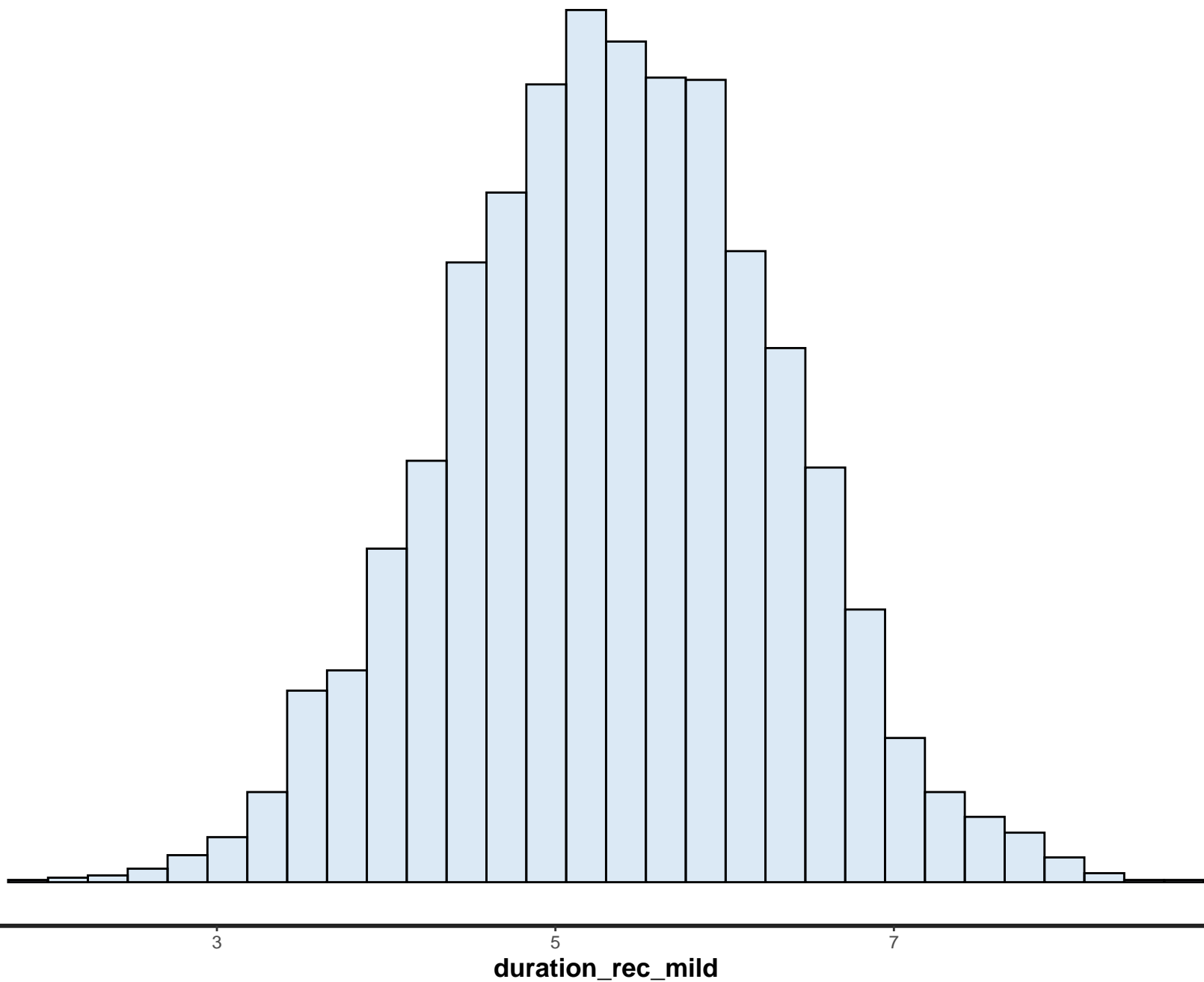
5% 10% 25% 50% 75% 90% 95%  
0.74 0.79 0.86 0.92 0.98 1.05 1.10

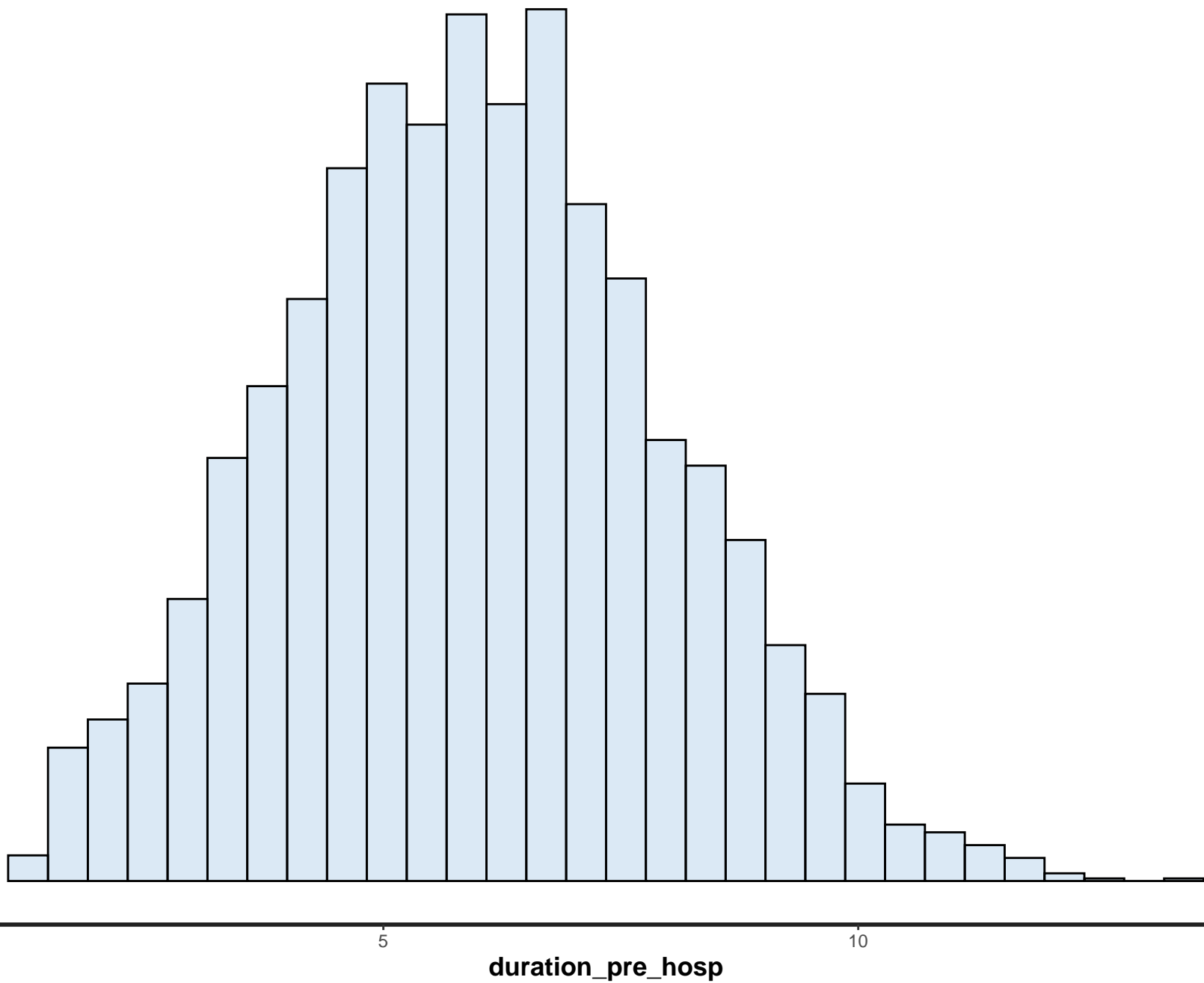


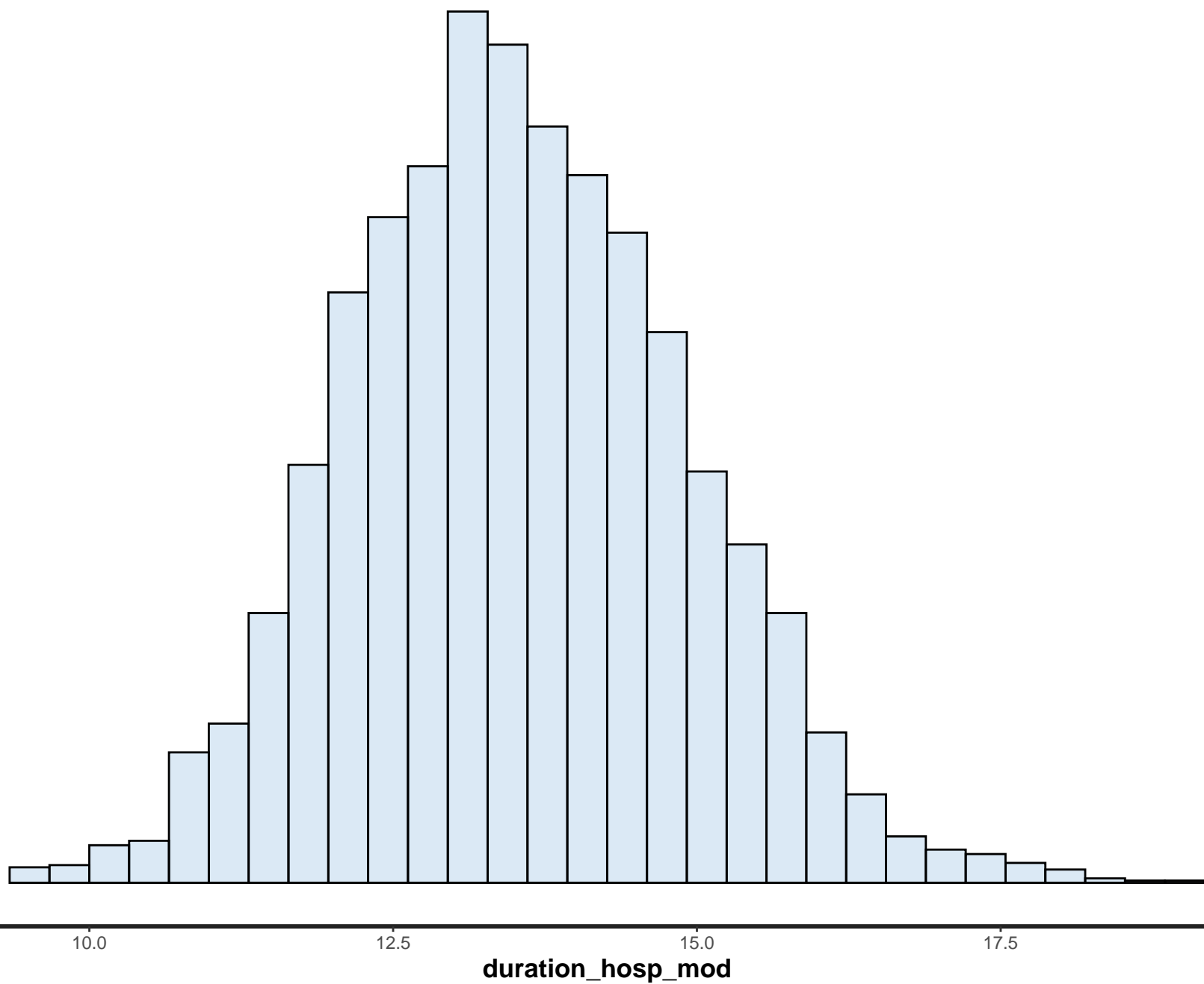


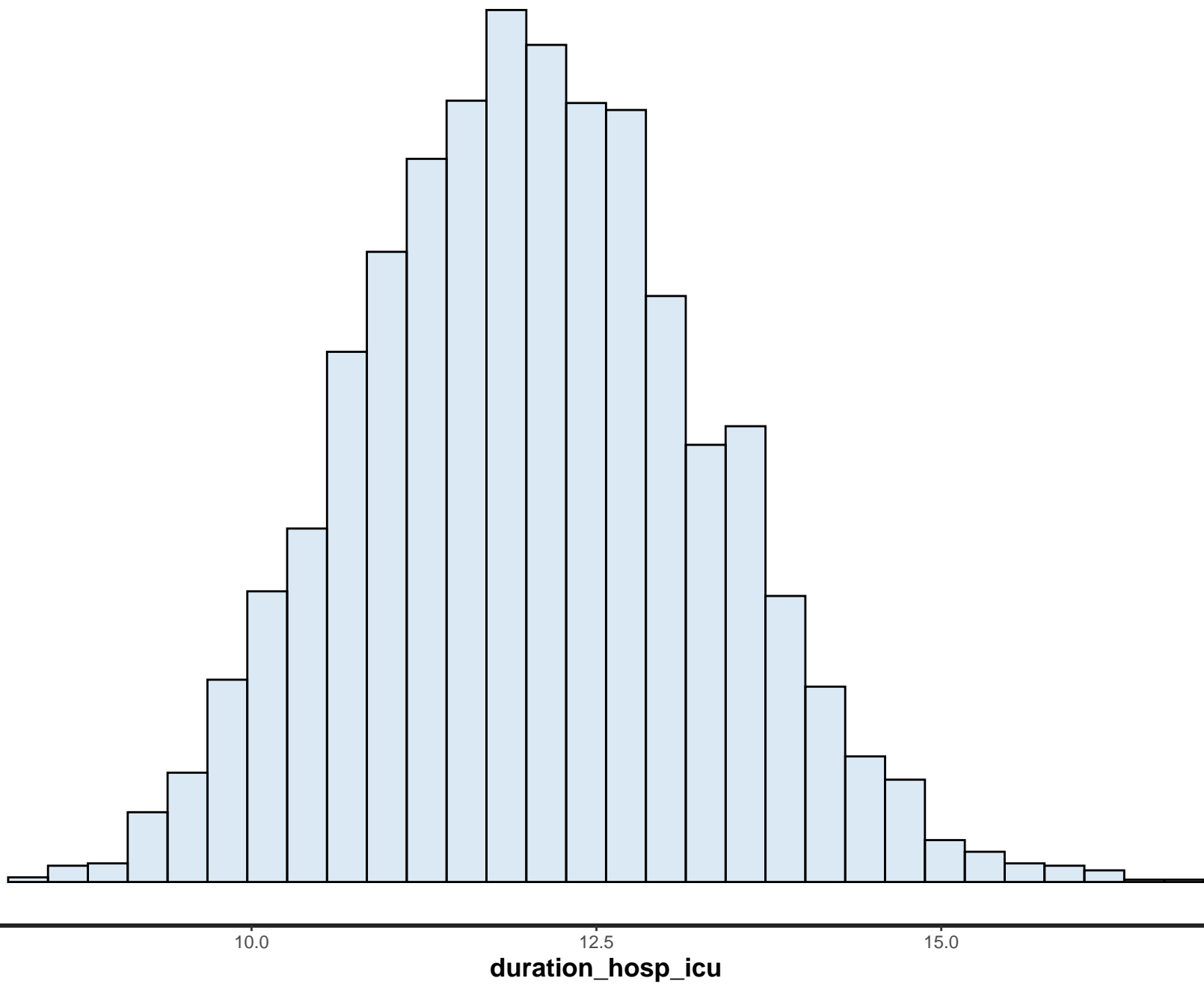


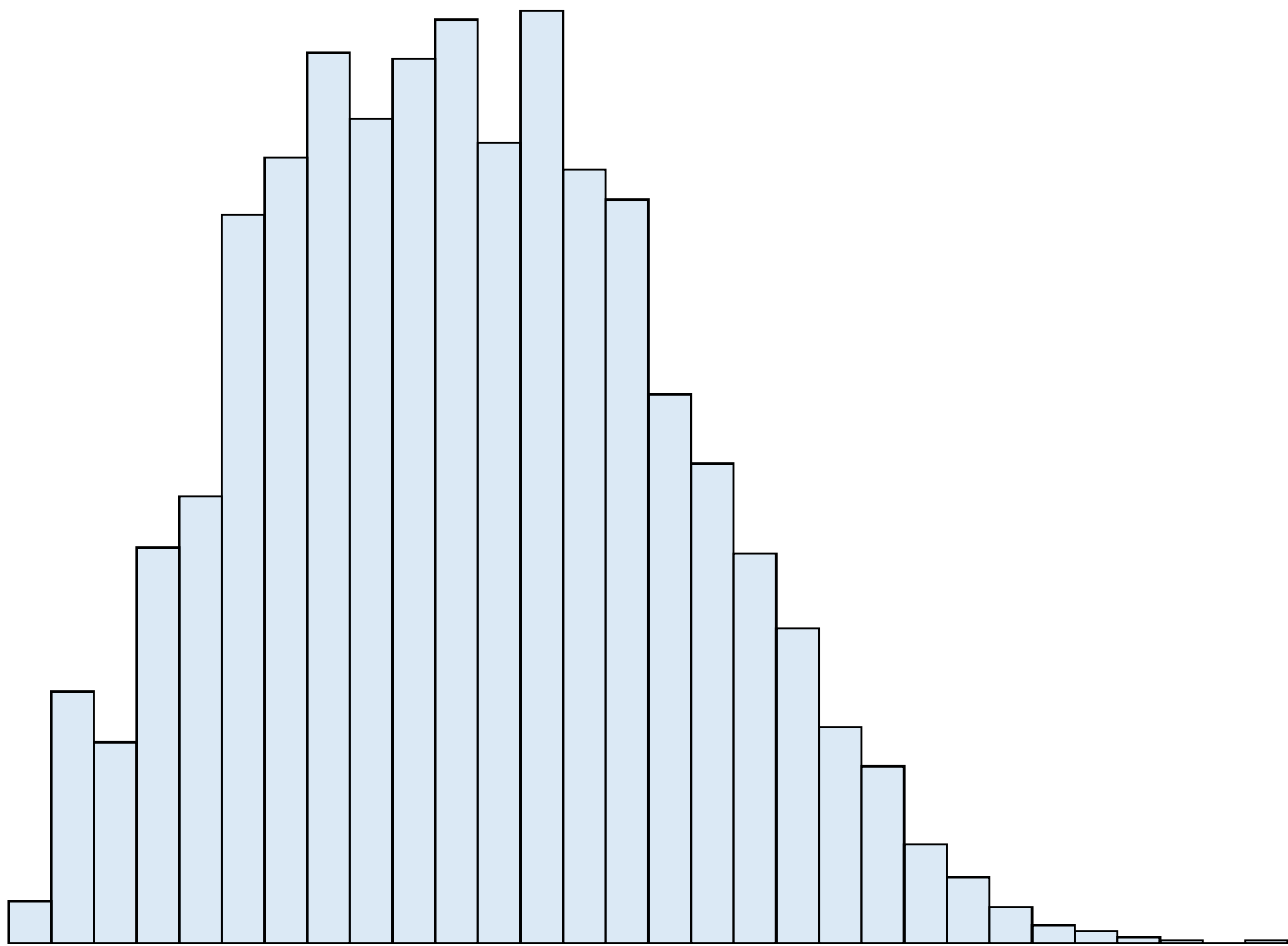












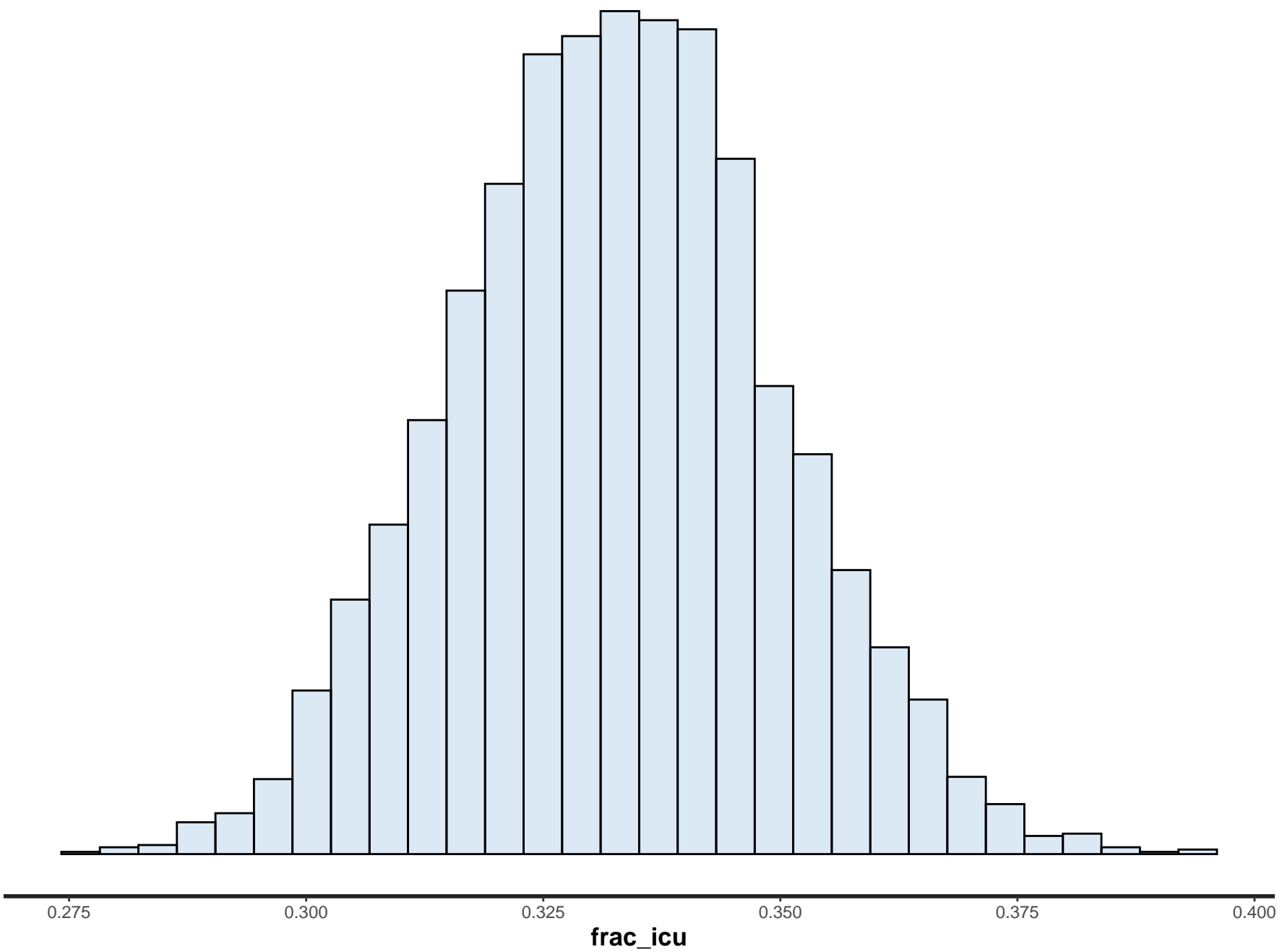
0.00

0.03

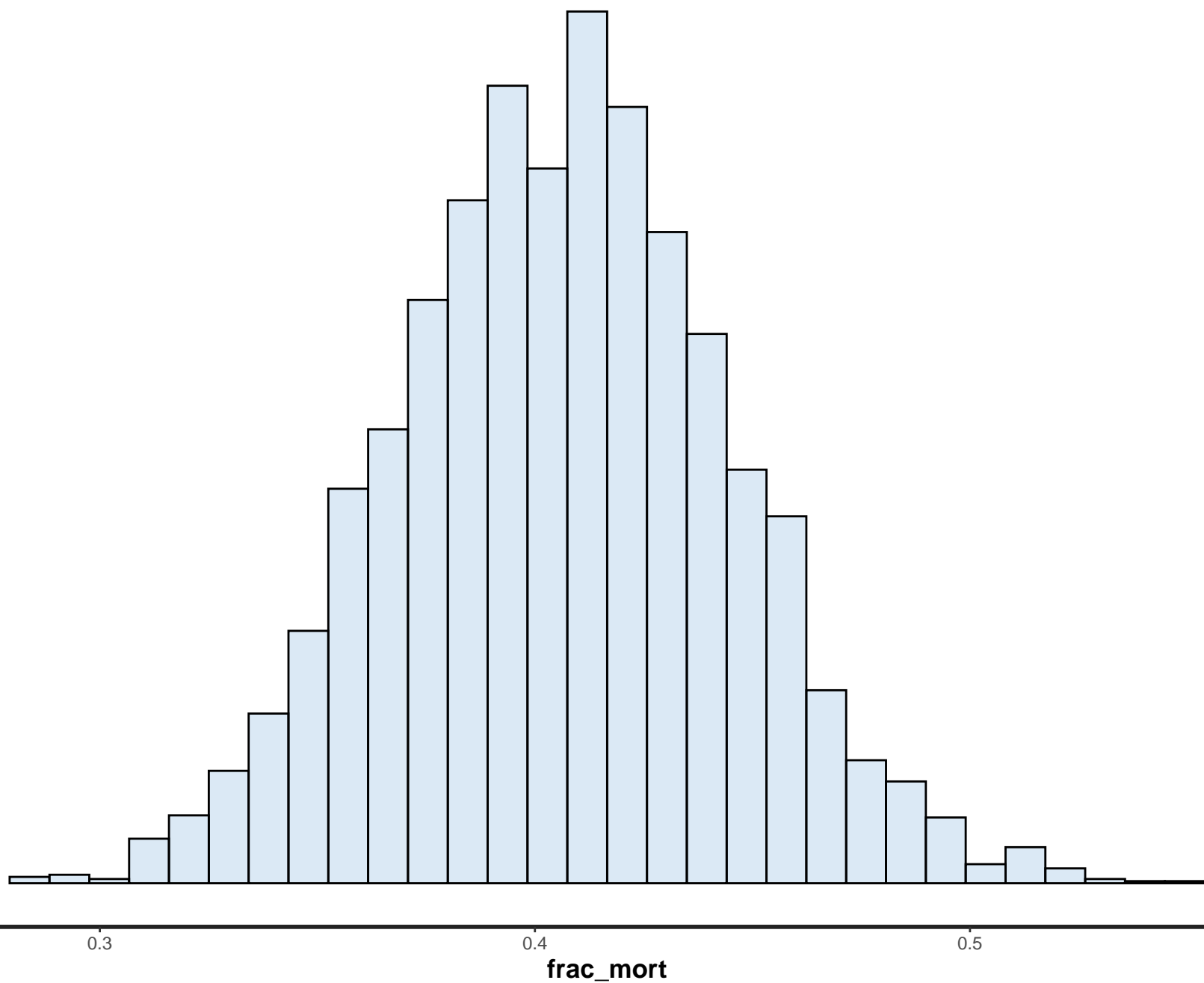
0.06

0.09

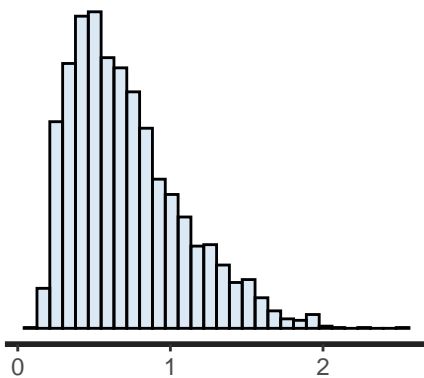
frac\_hosp



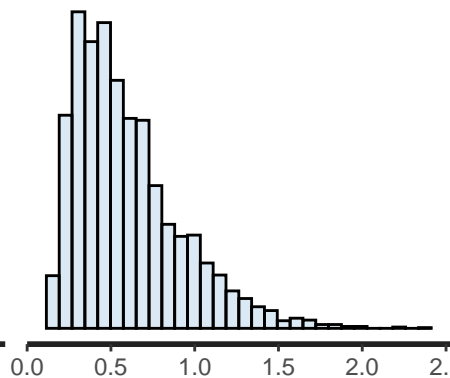




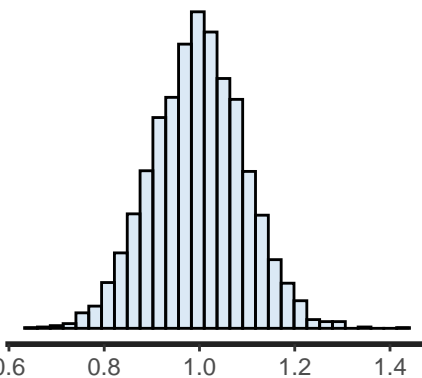
**beta\_multiplier[1]**



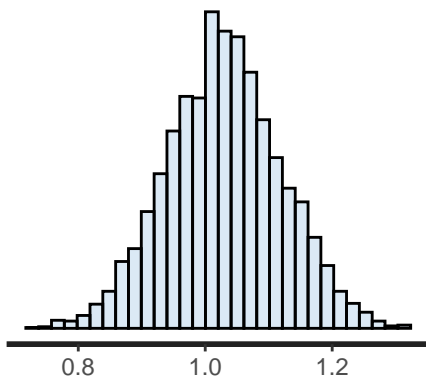
**beta\_multiplier[2]**



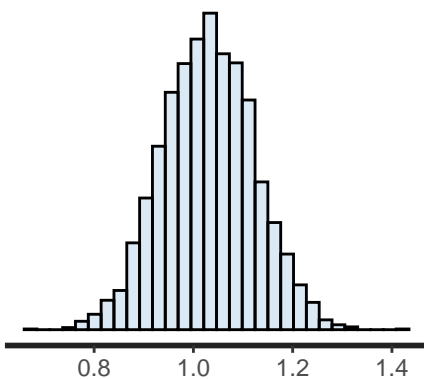
**beta\_multiplier[3]**



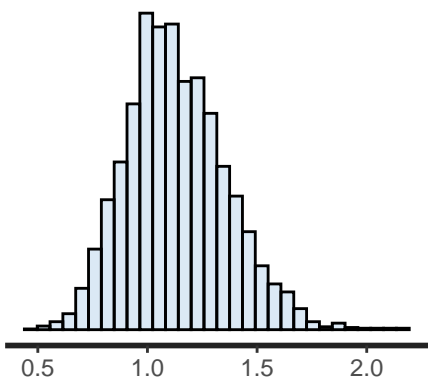
**beta\_multiplier[4]**



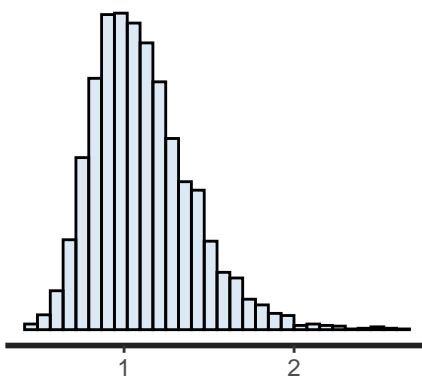
**beta\_multiplier[5]**



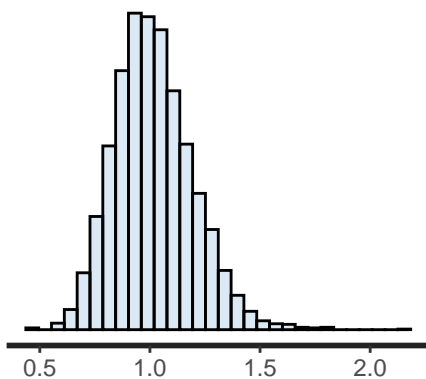
**beta\_multiplier[6]**



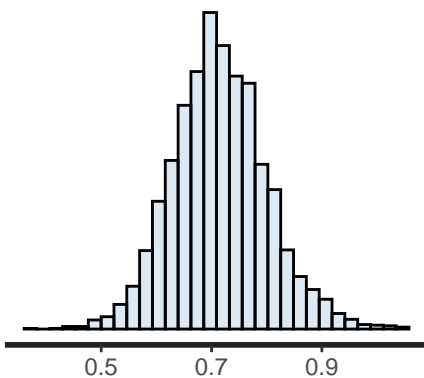
**beta\_multiplier[7]**



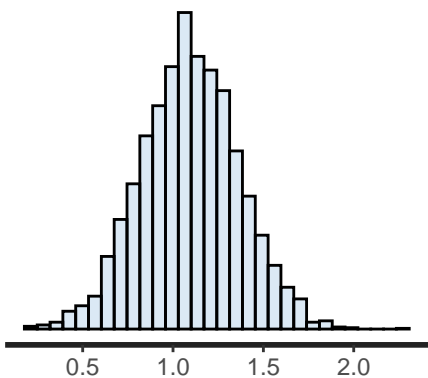
**beta\_multiplier[8]**



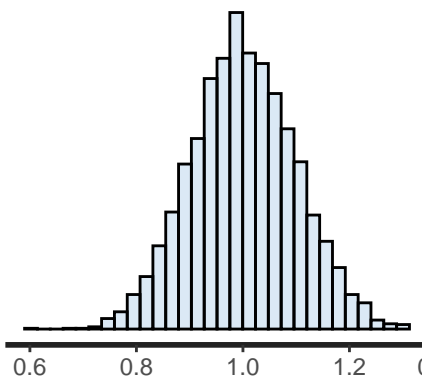
**beta\_multiplier[9]**



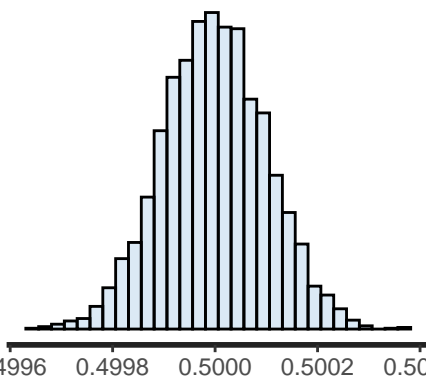
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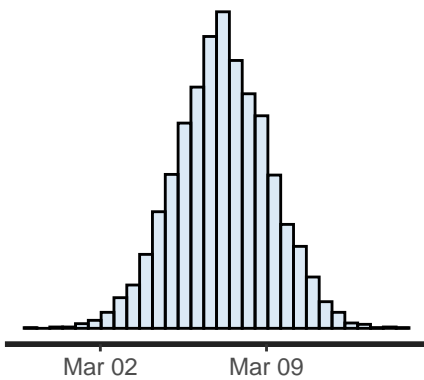
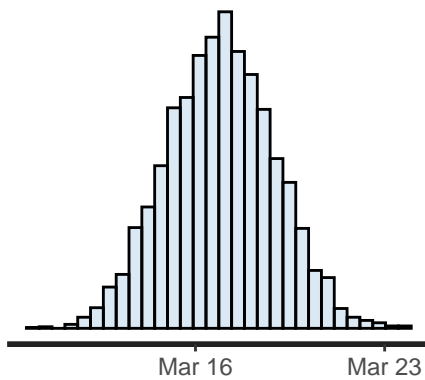
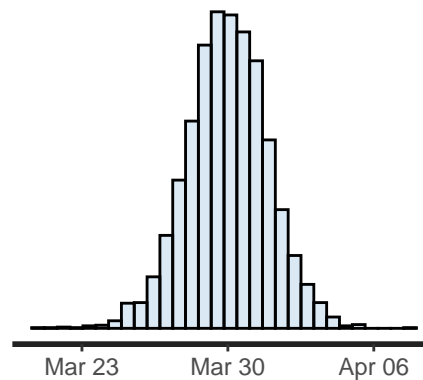
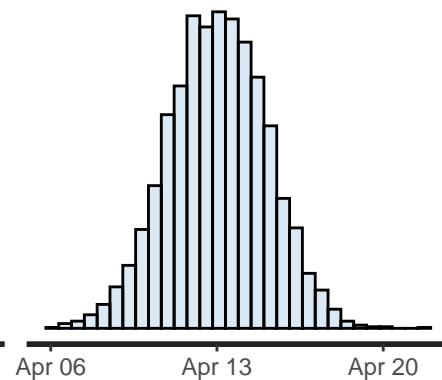
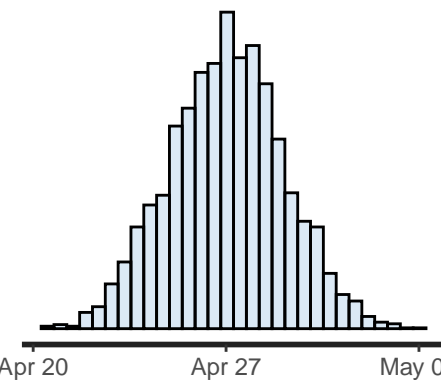
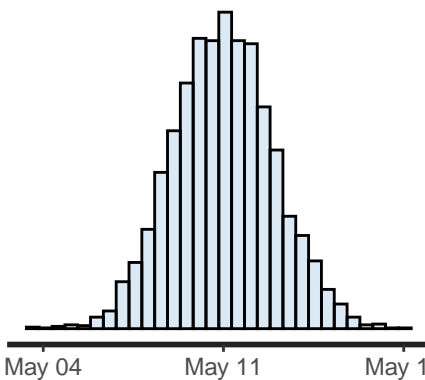
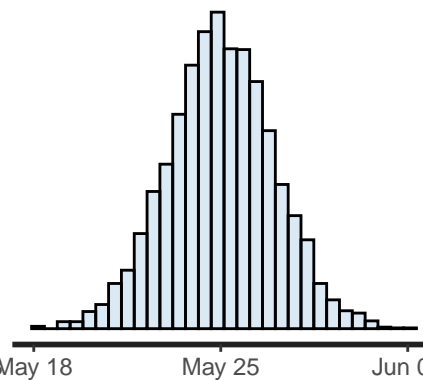
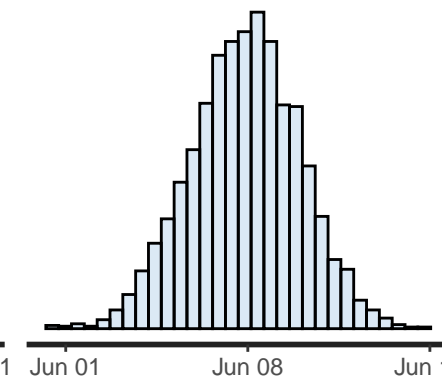
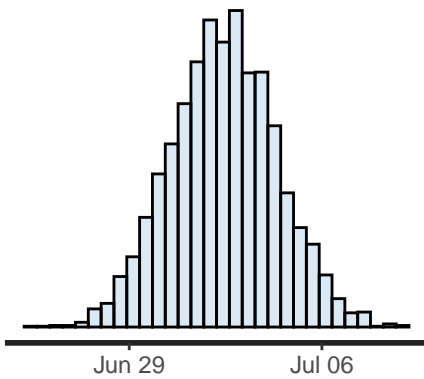
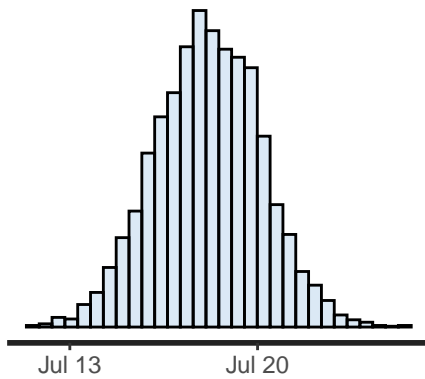
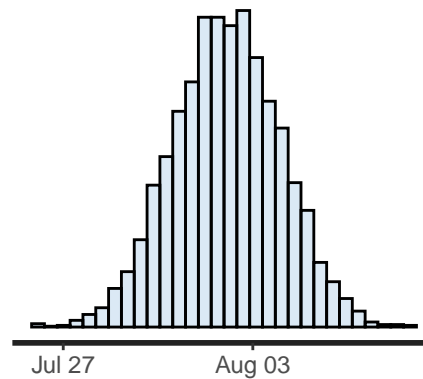
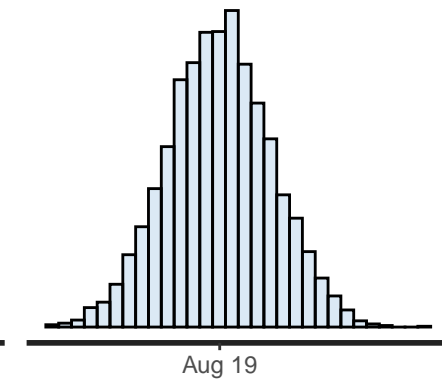


**beta\_multiplier[11]**

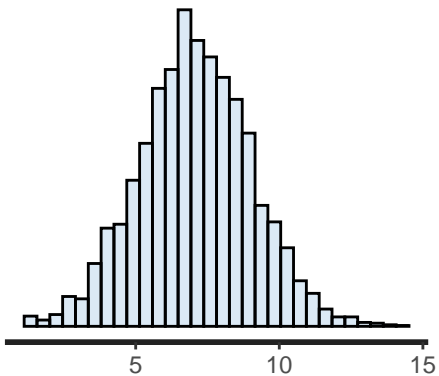


**beta\_multiplier[12]**

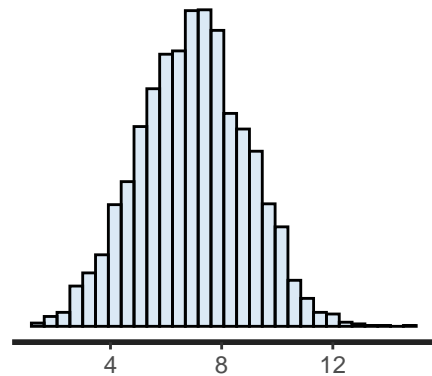


**t\_inter[1]****t\_inter[2]****t\_inter[3]****t\_inter[4]****t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]****t\_inter[9]****t\_inter[10]****t\_inter[11]****t\_inter[12]**

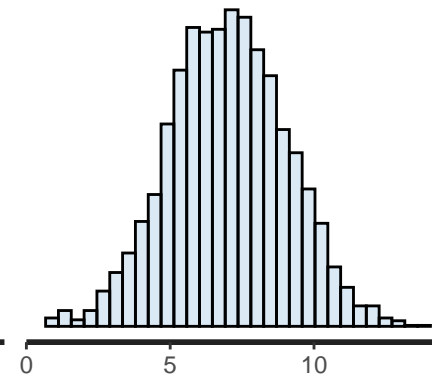
**len\_inter[1]**



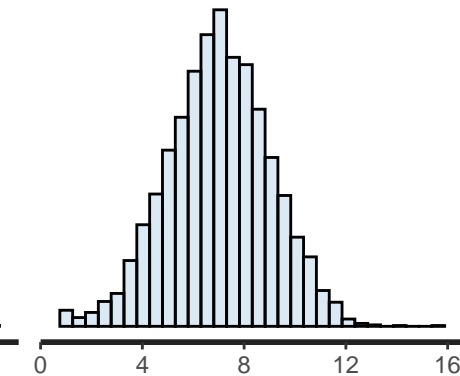
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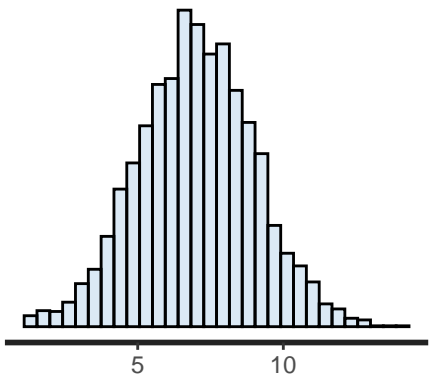
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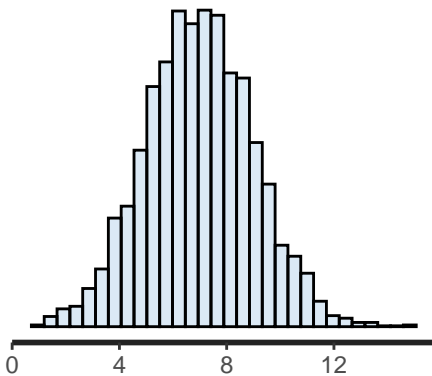
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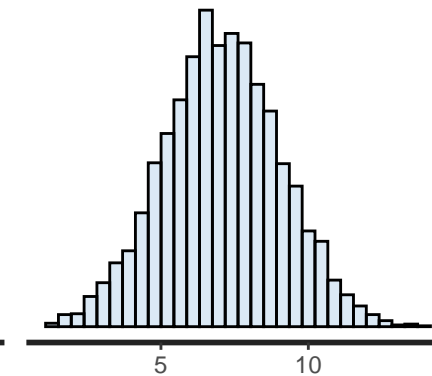
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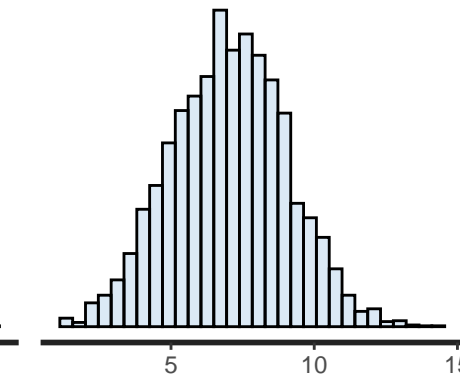
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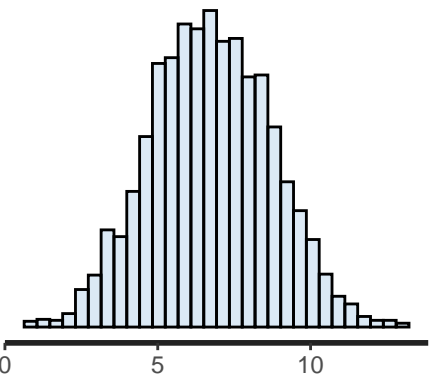
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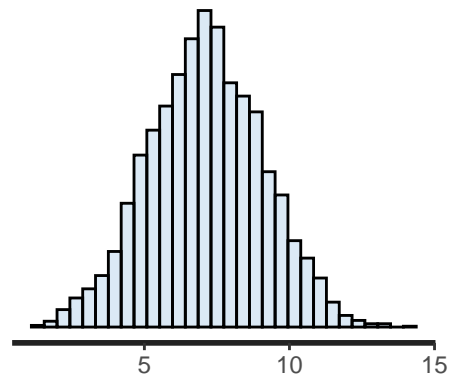
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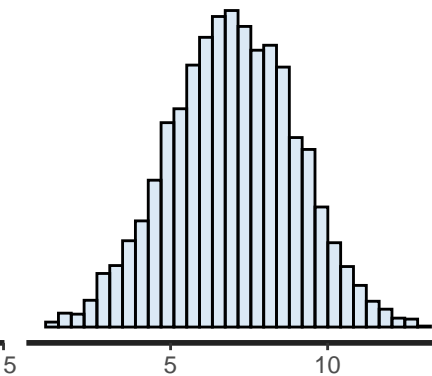
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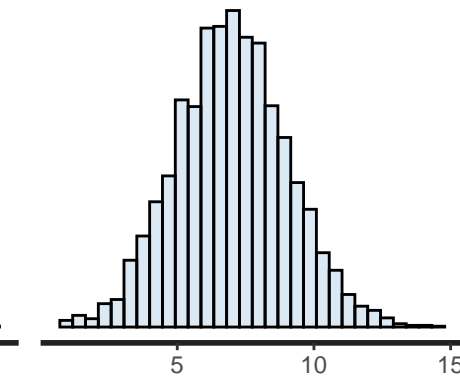
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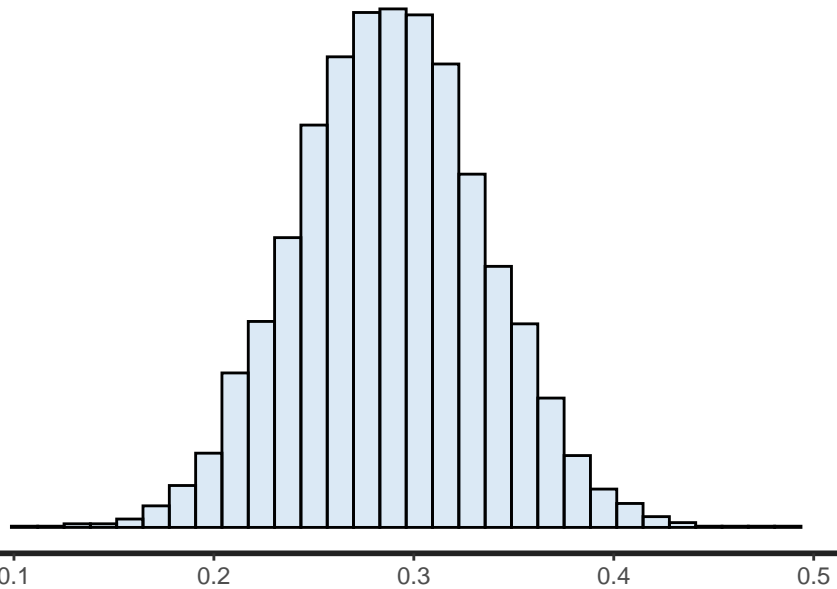
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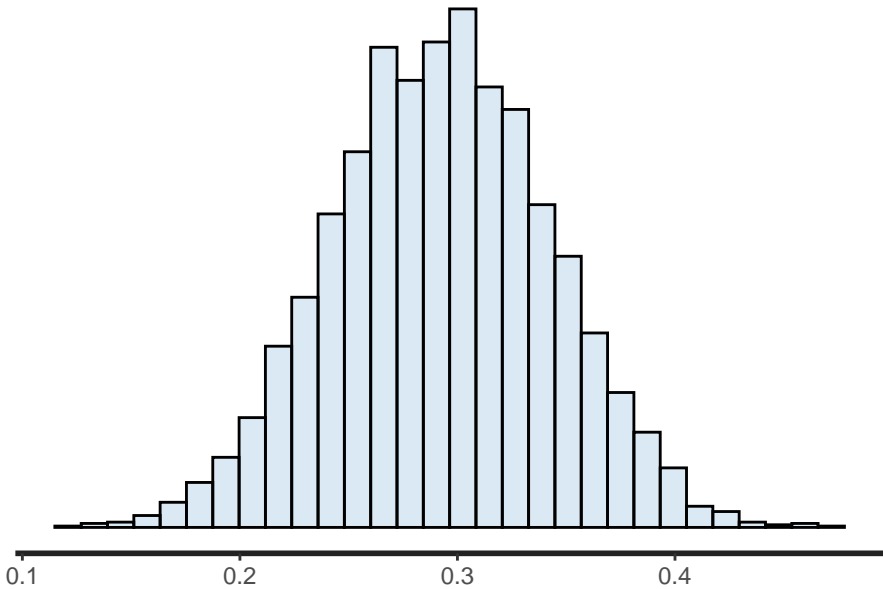
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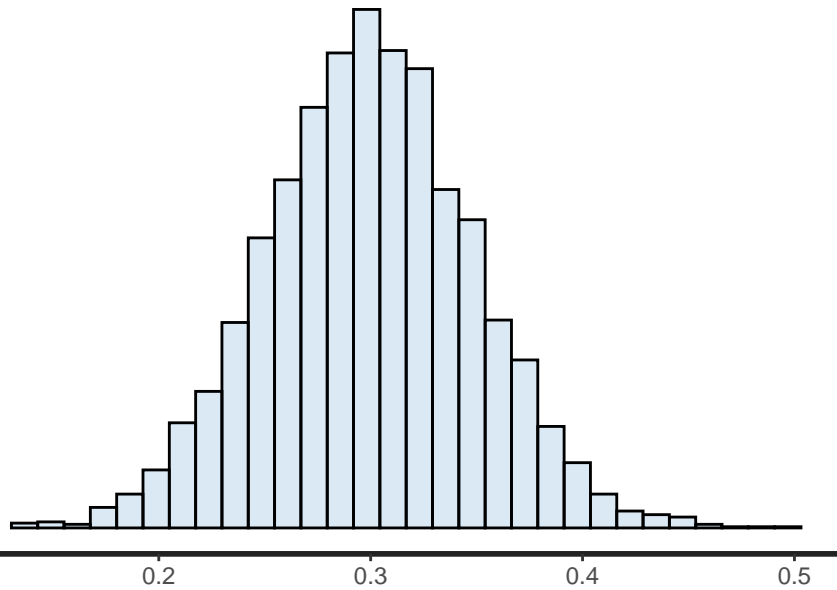
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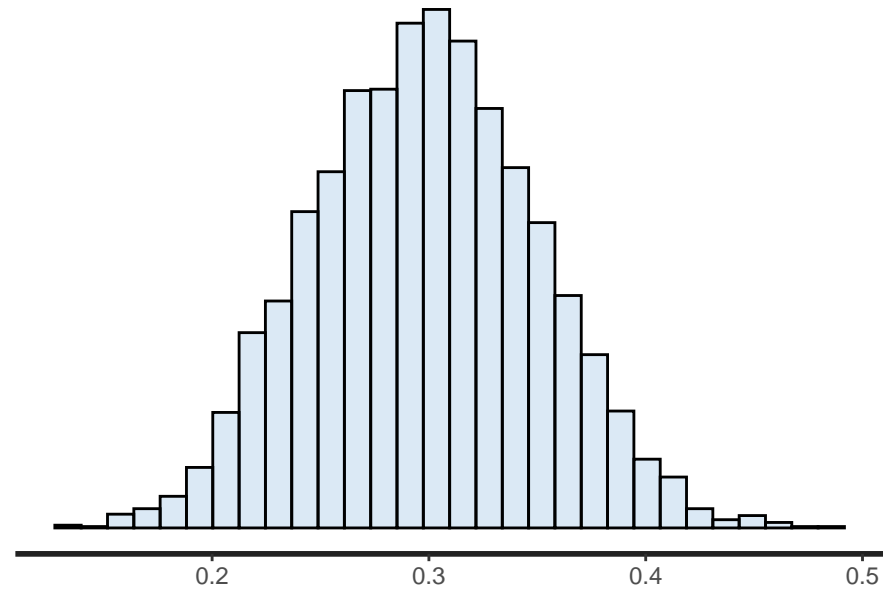
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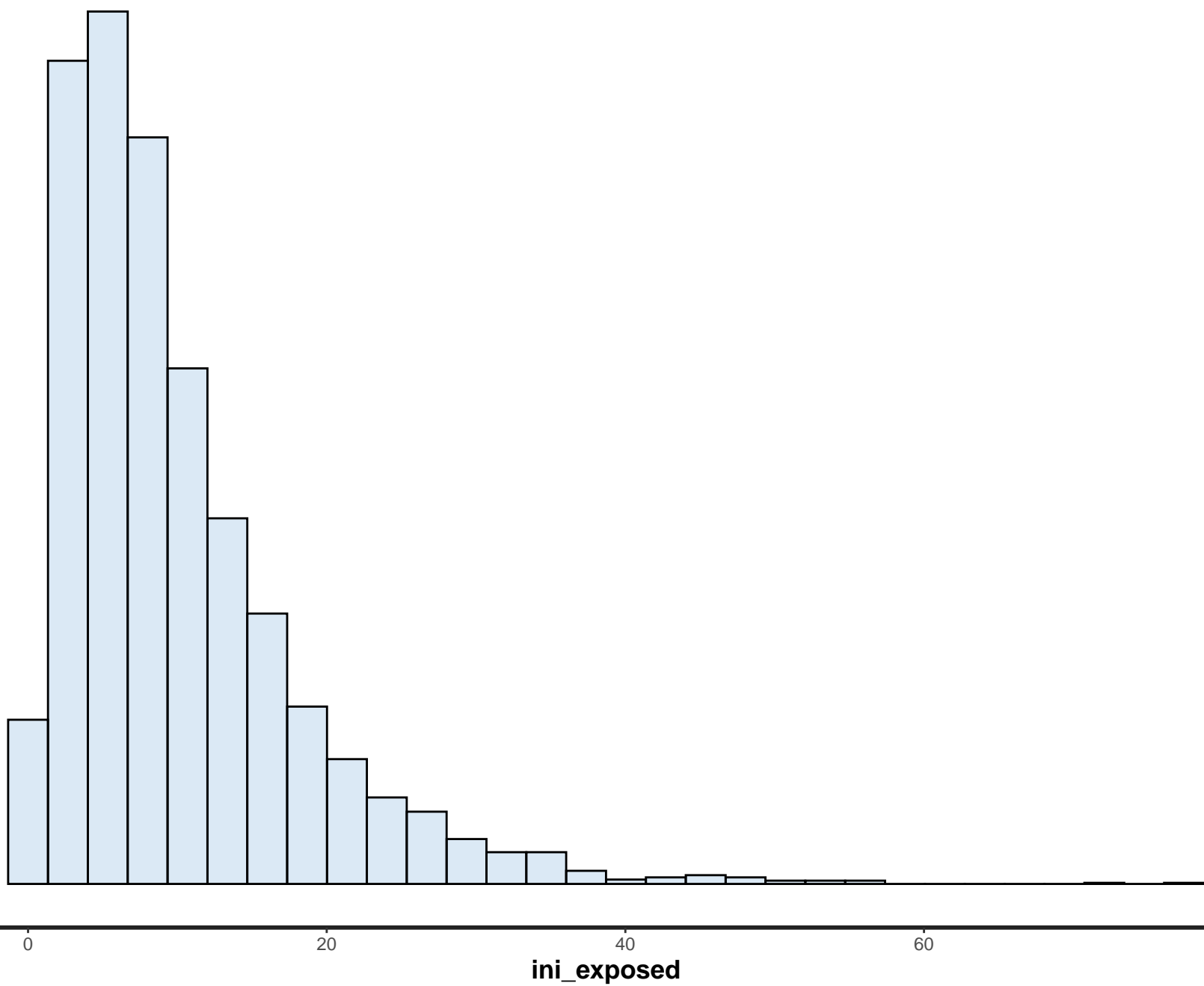


frac\_PUI[3]

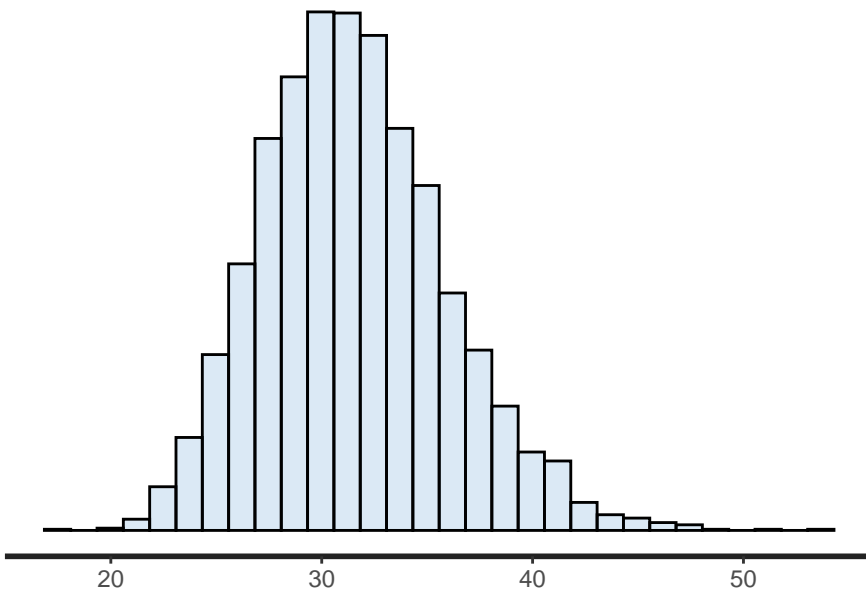


frac\_PUI[4]

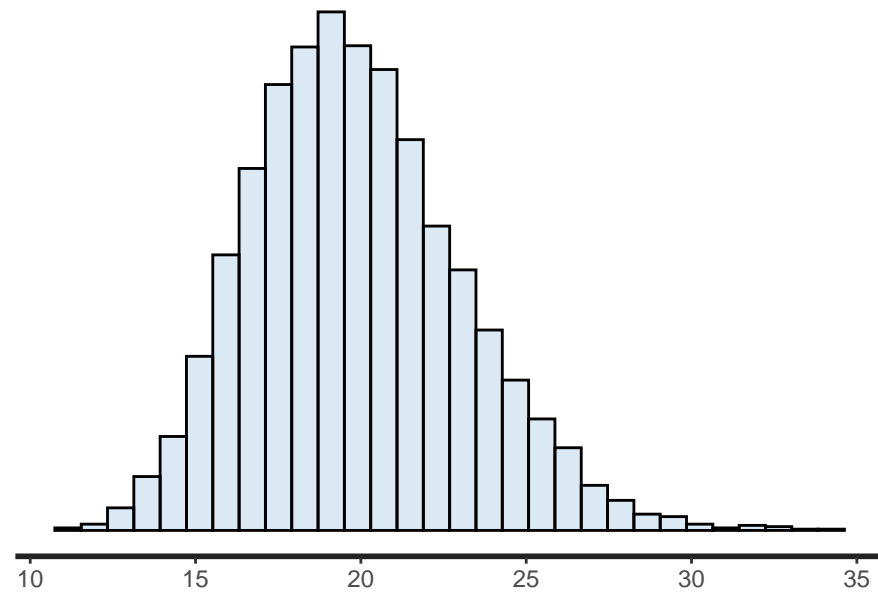




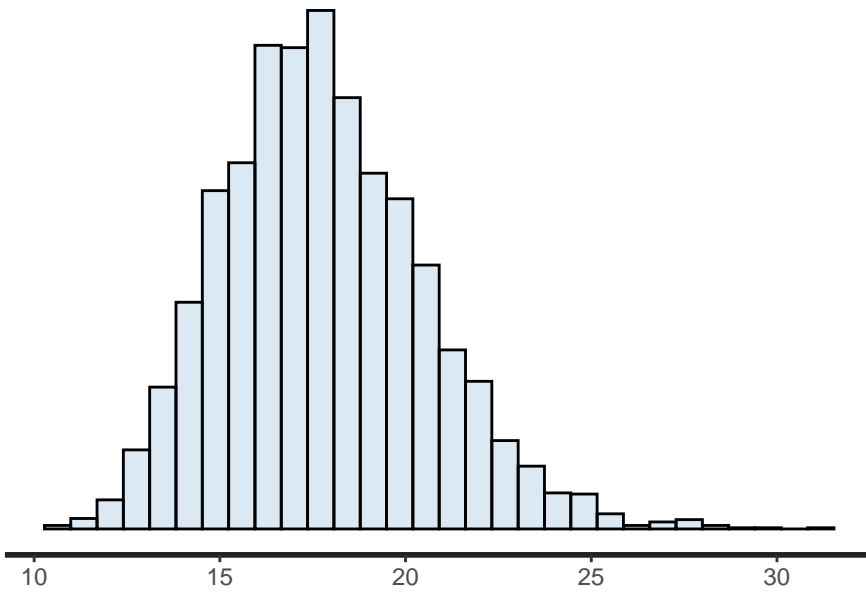
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

