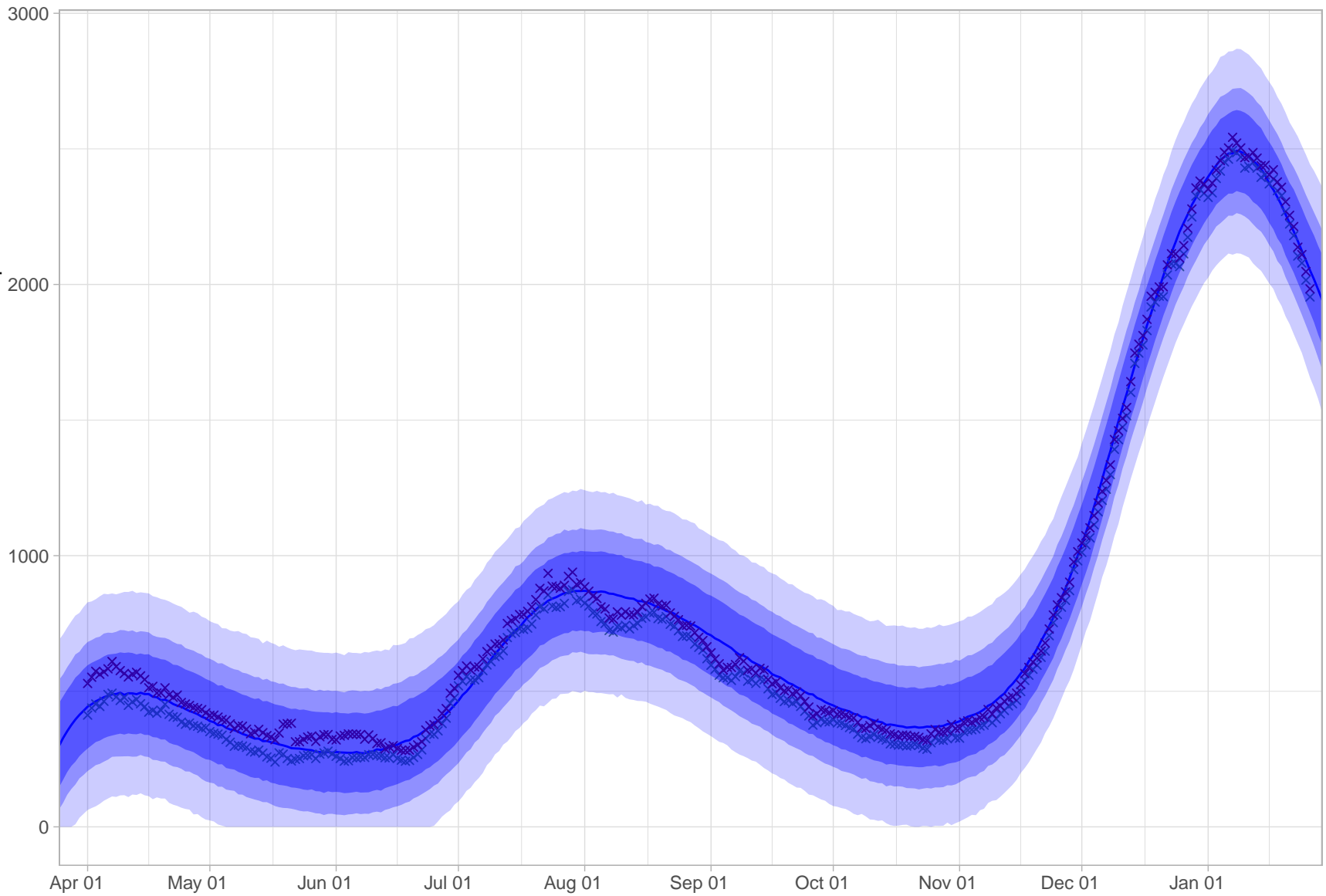


# Short Term Hospitalization Projection

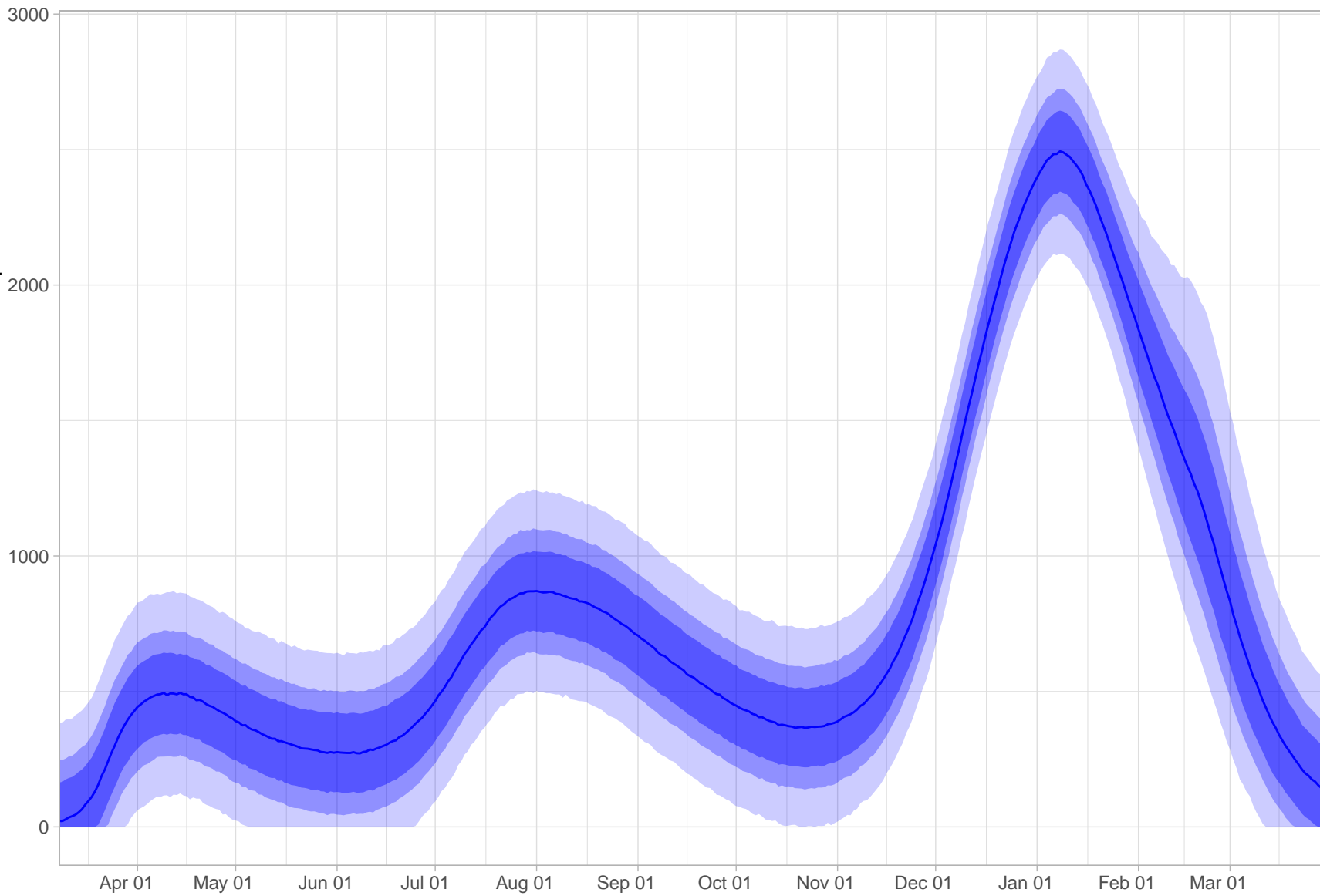
Number of COVID19 Patients in Hospital



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

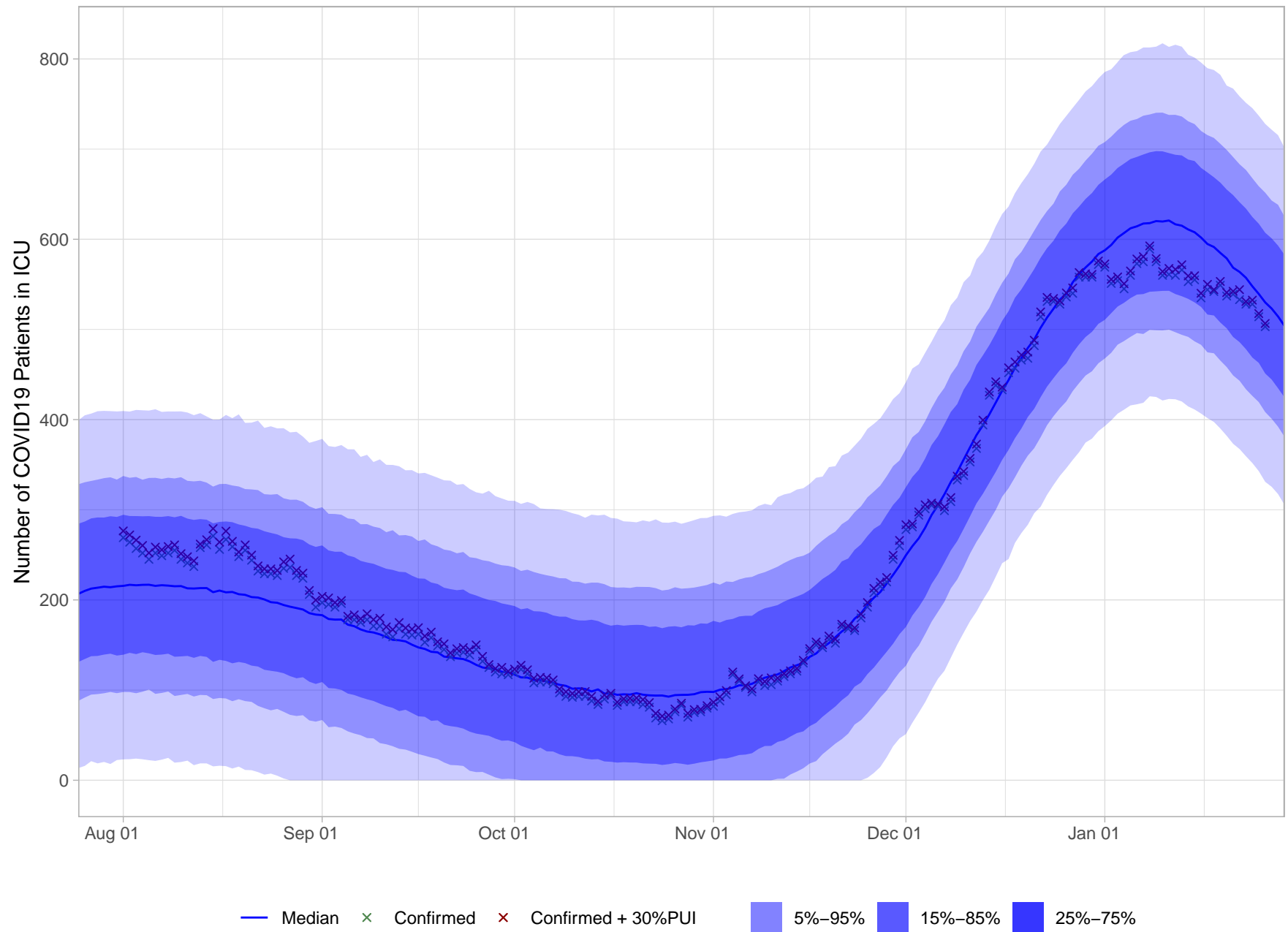
# Long Term Hospitalization Projection

Number of COVID19 Patients in Hospital

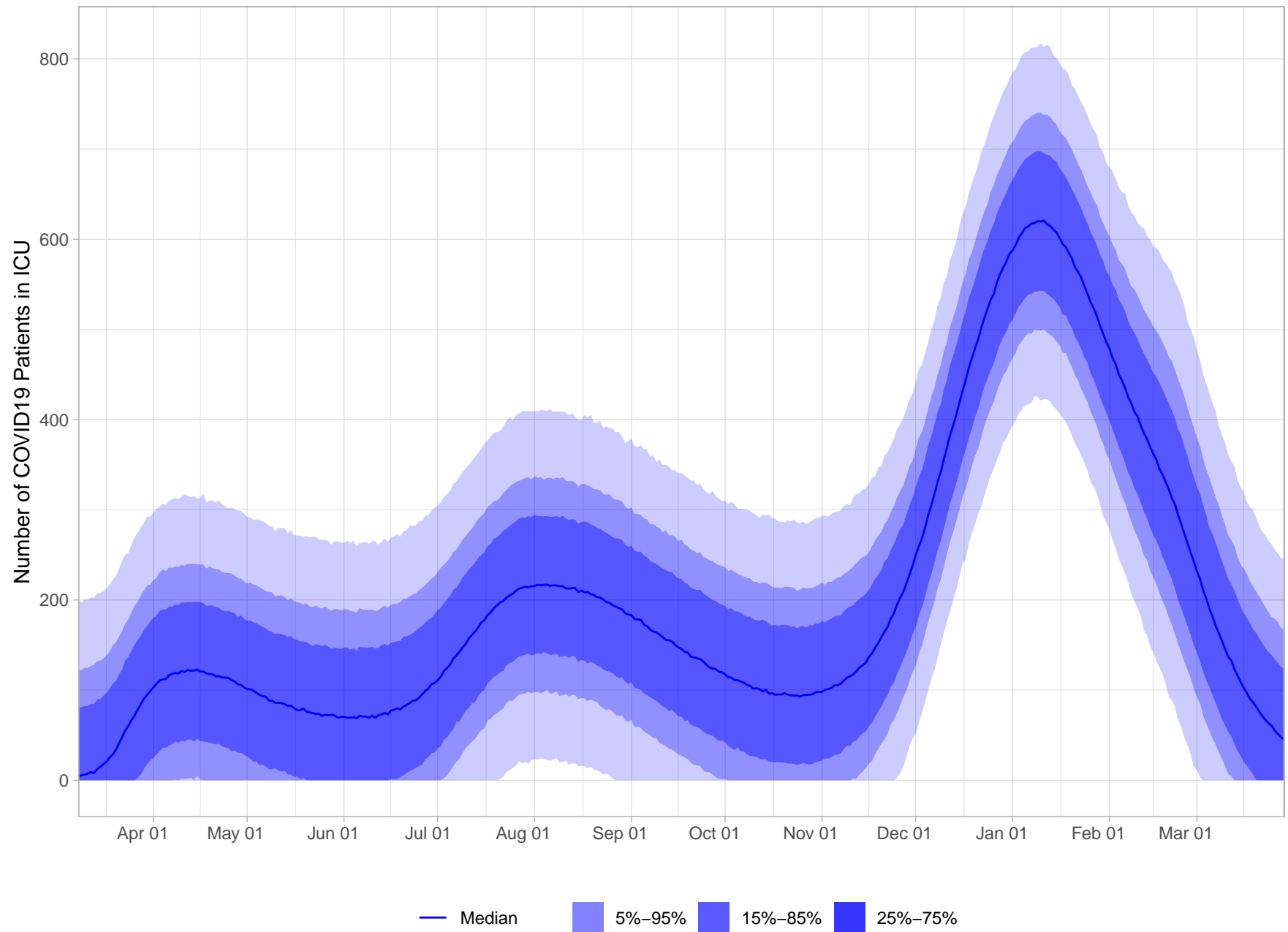


— Median    5%-95%    15%-85%    25%-75%

# Short Term ICU Projection

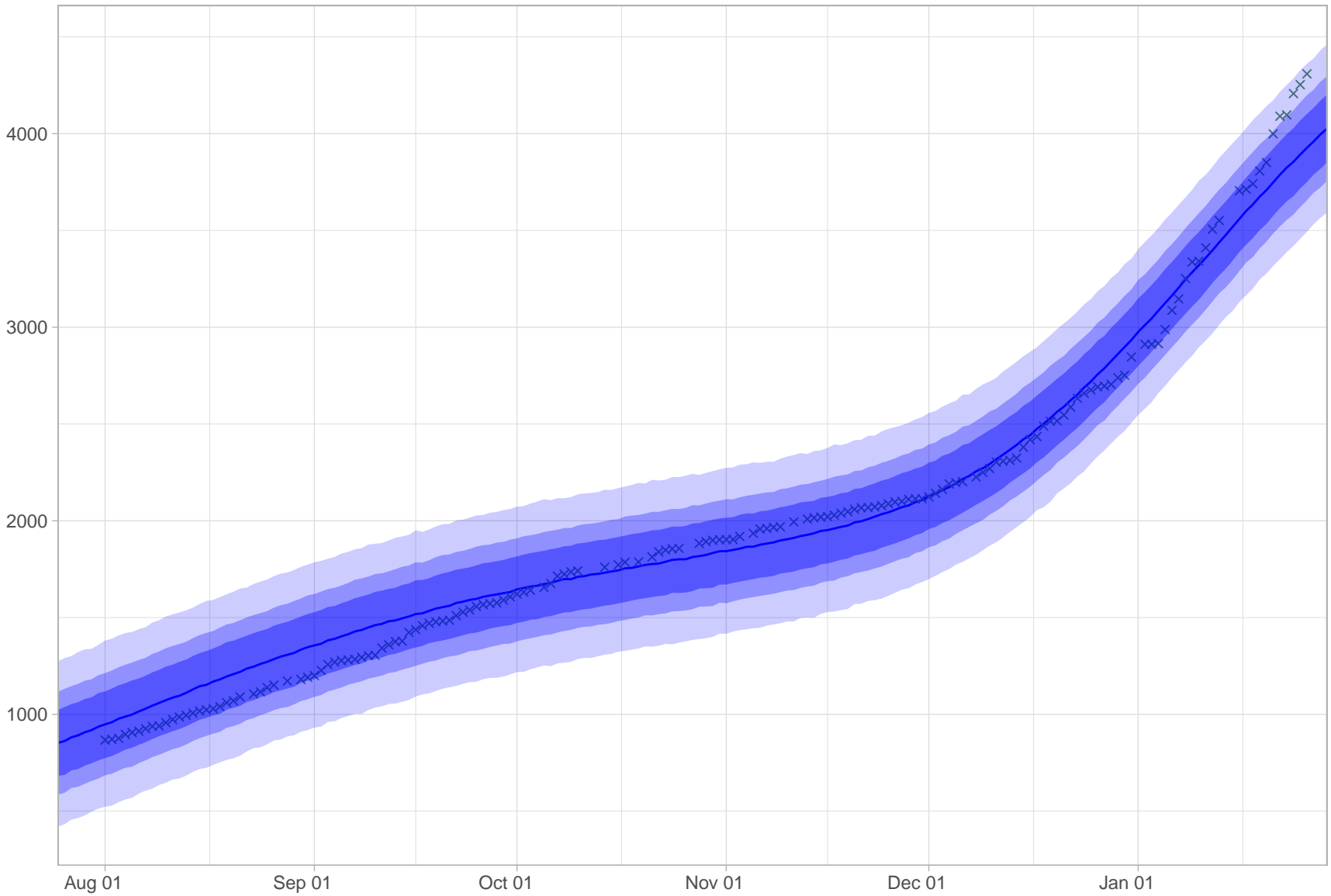


# Long Term ICU Projection



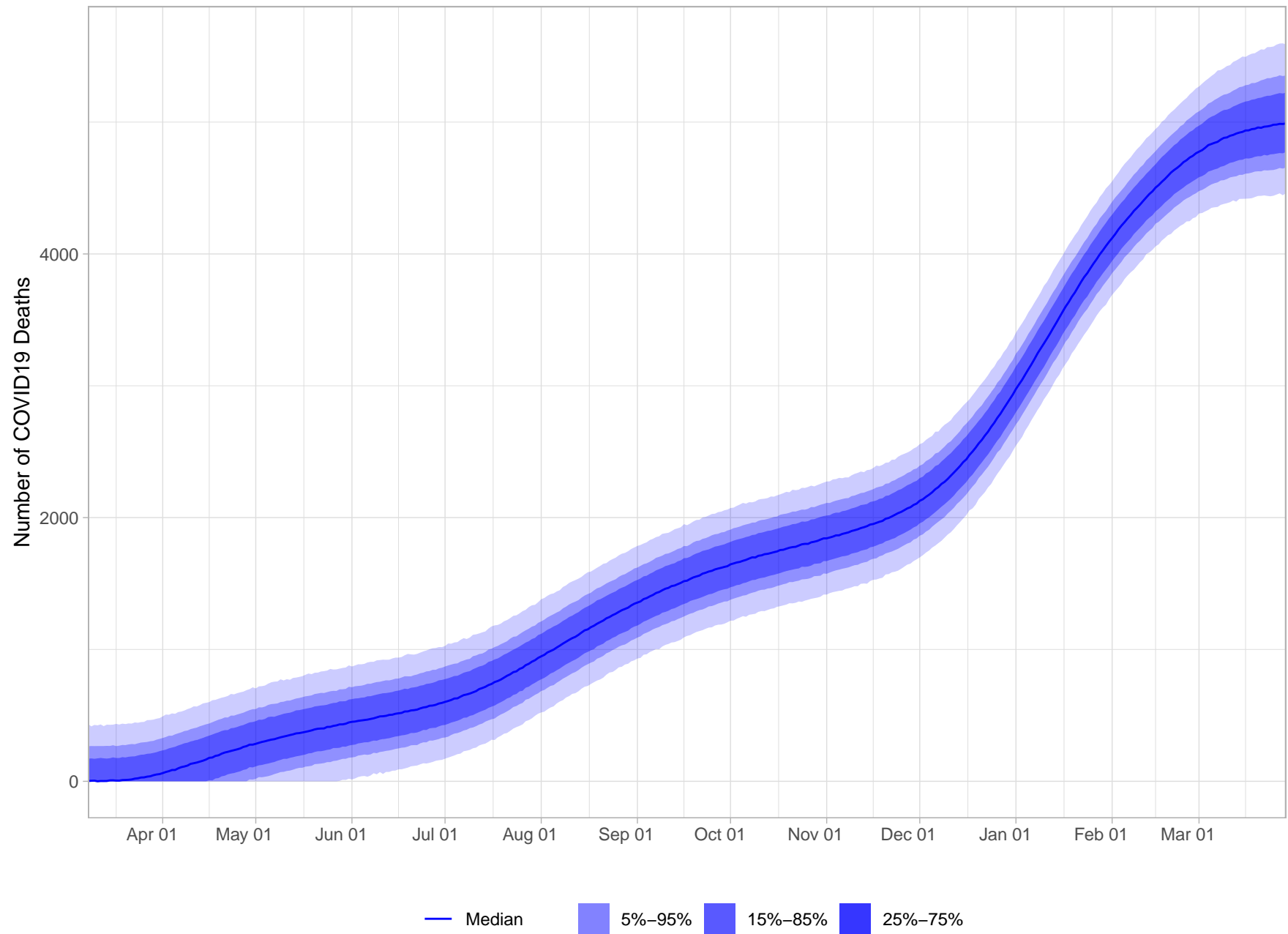
# Short Term Death Projection

Number of COVID19 Deaths

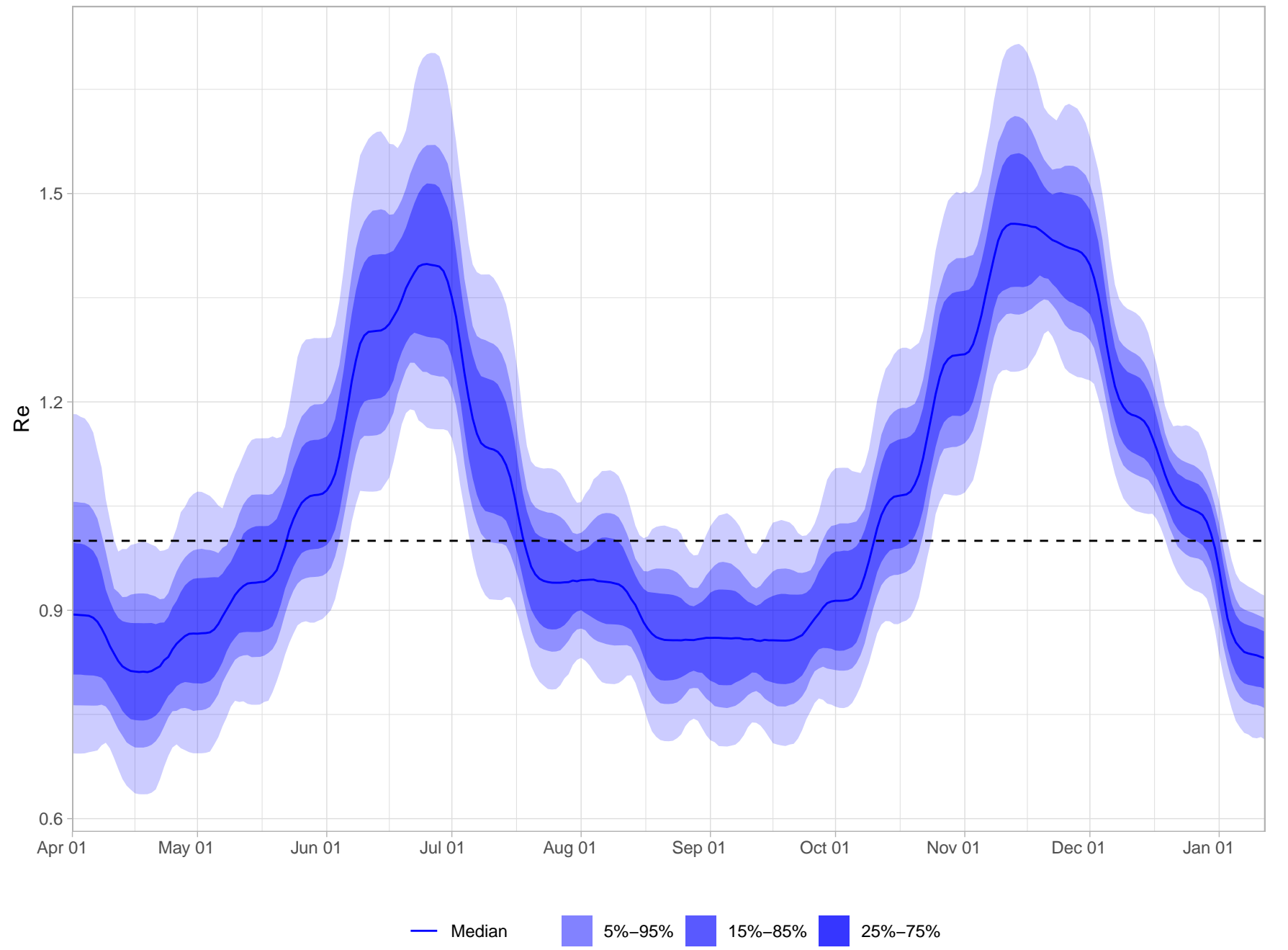


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

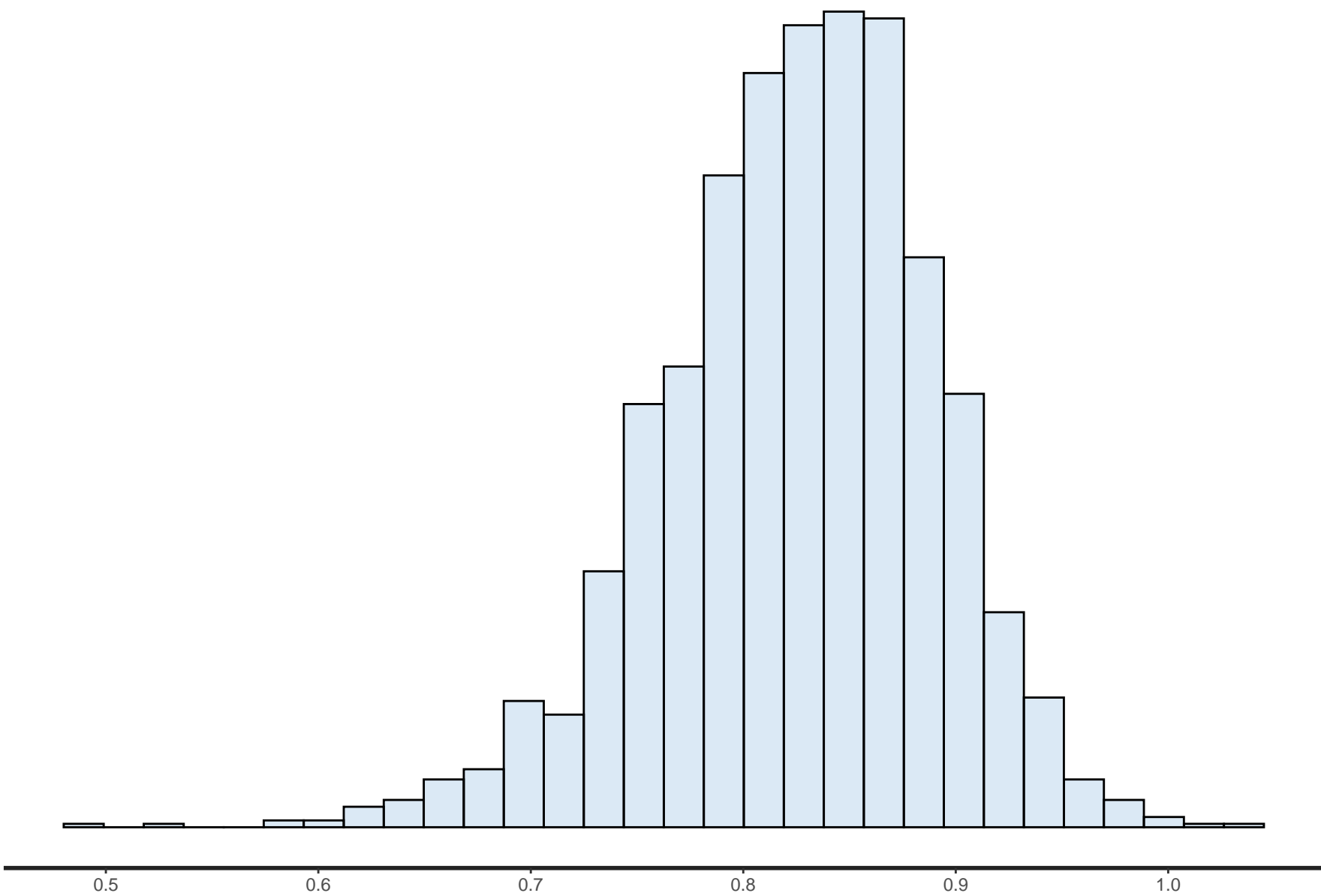


Effective Reproduction Number

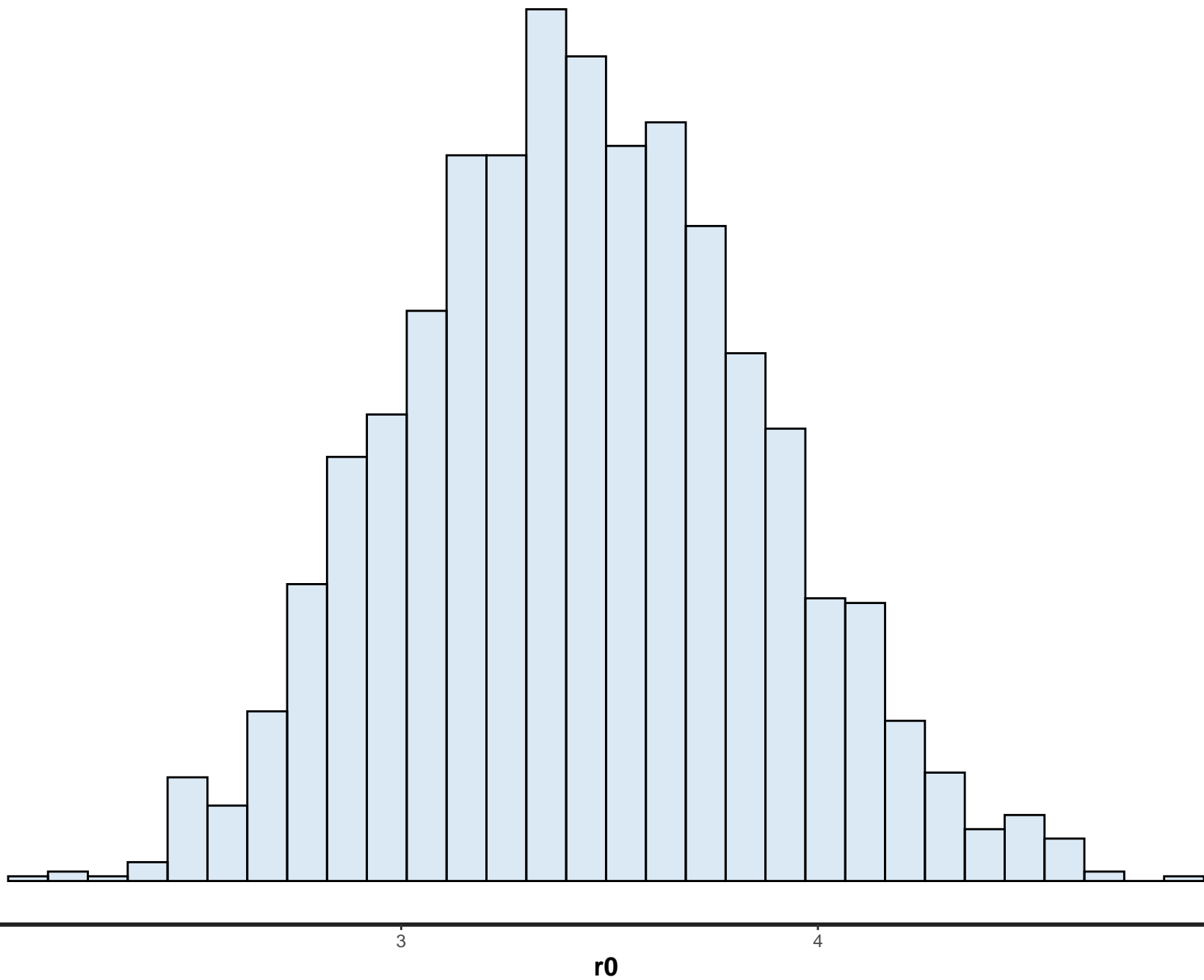


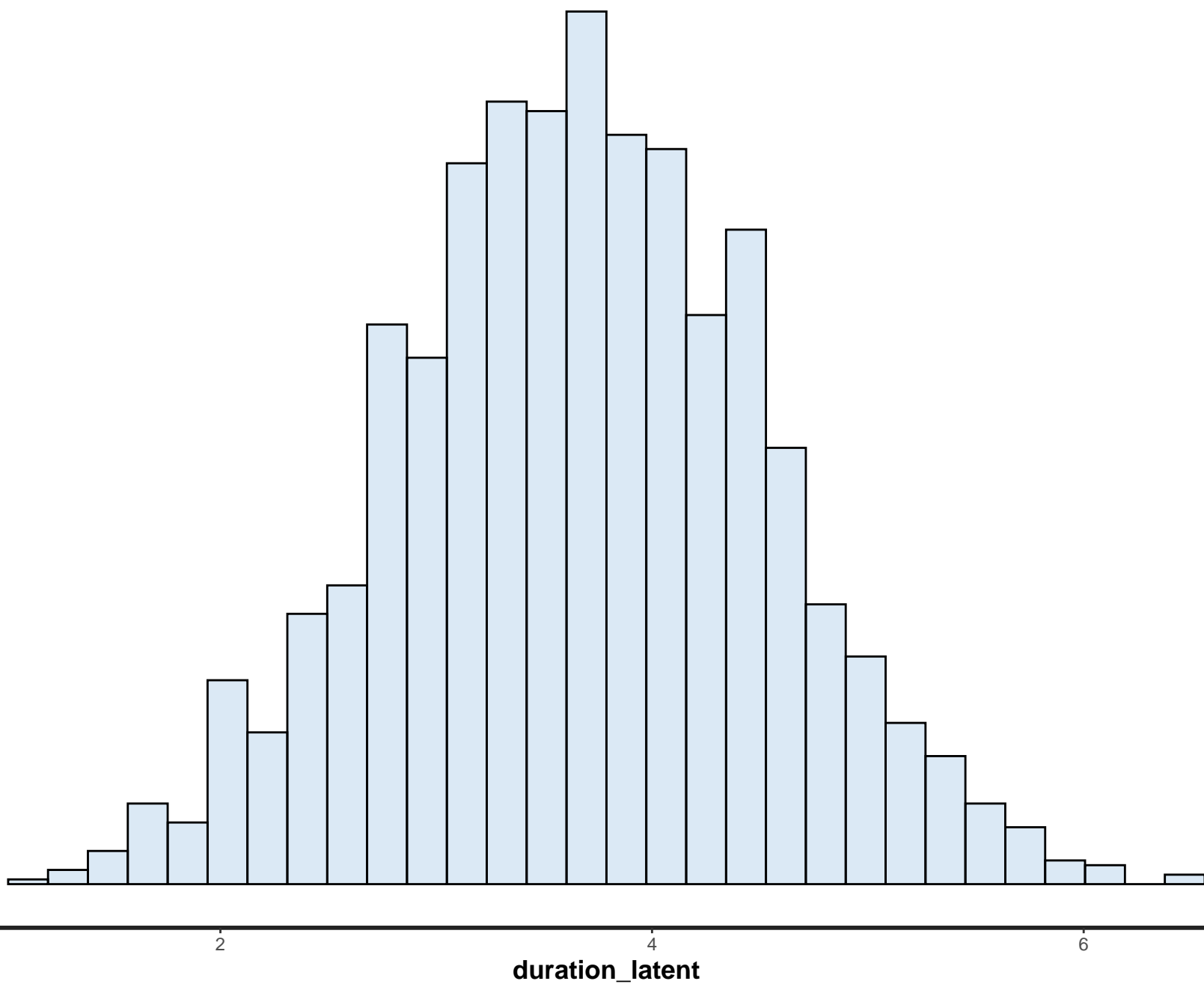
# Rt as of 2021-01-12

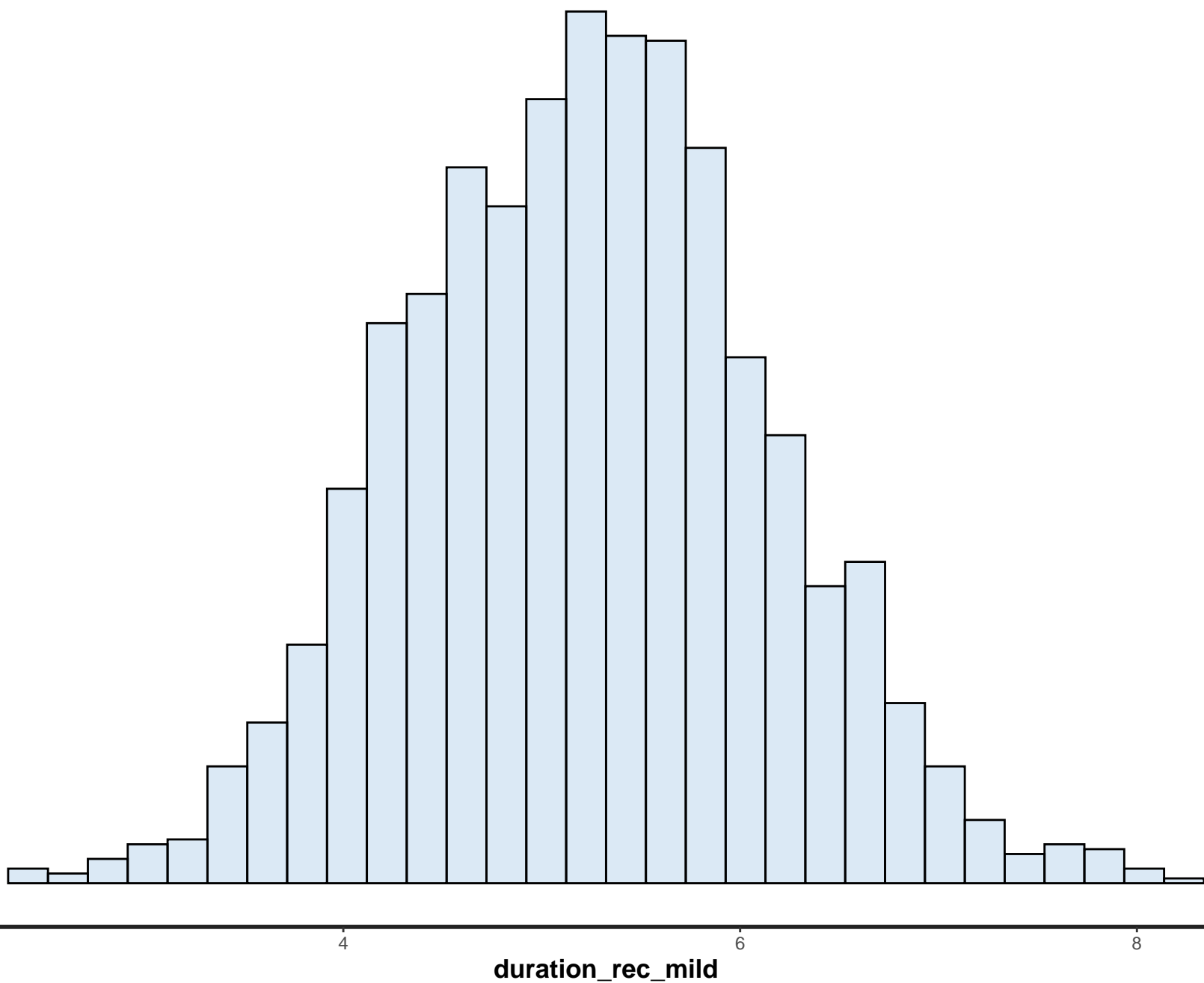
5% 10% 25% 50% 75% 90% 95%  
0.71 0.75 0.79 0.83 0.87 0.90 0.92

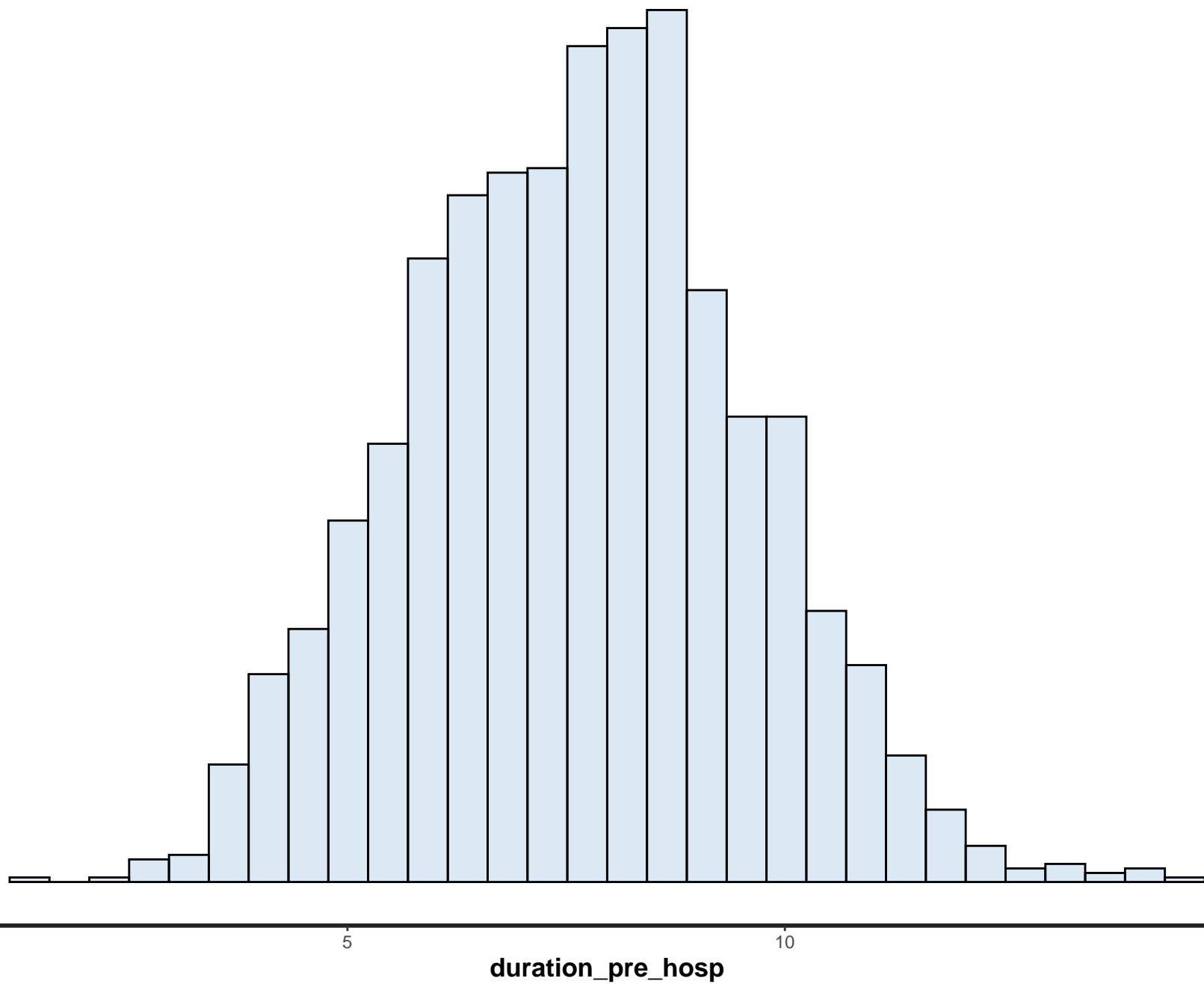


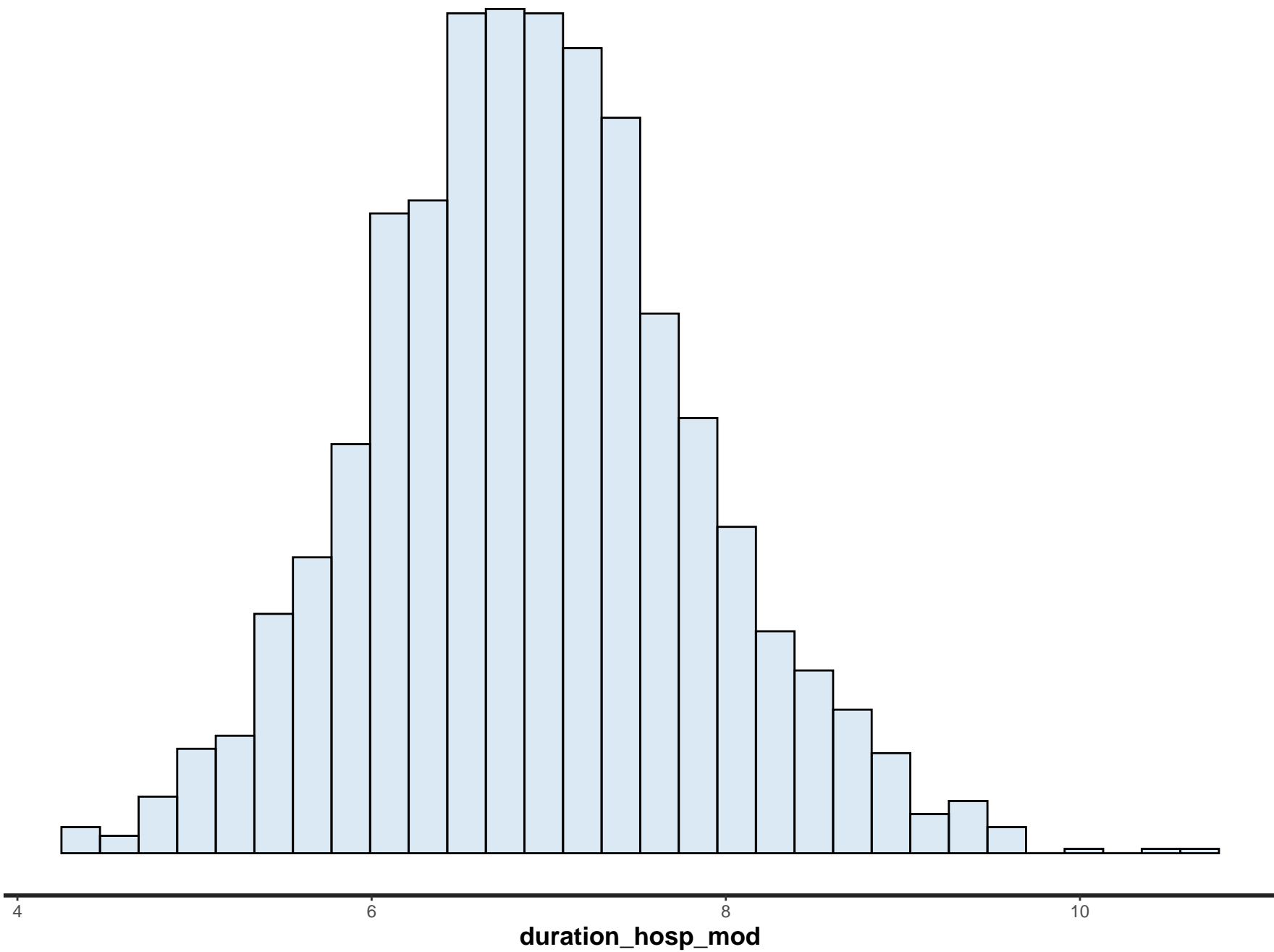


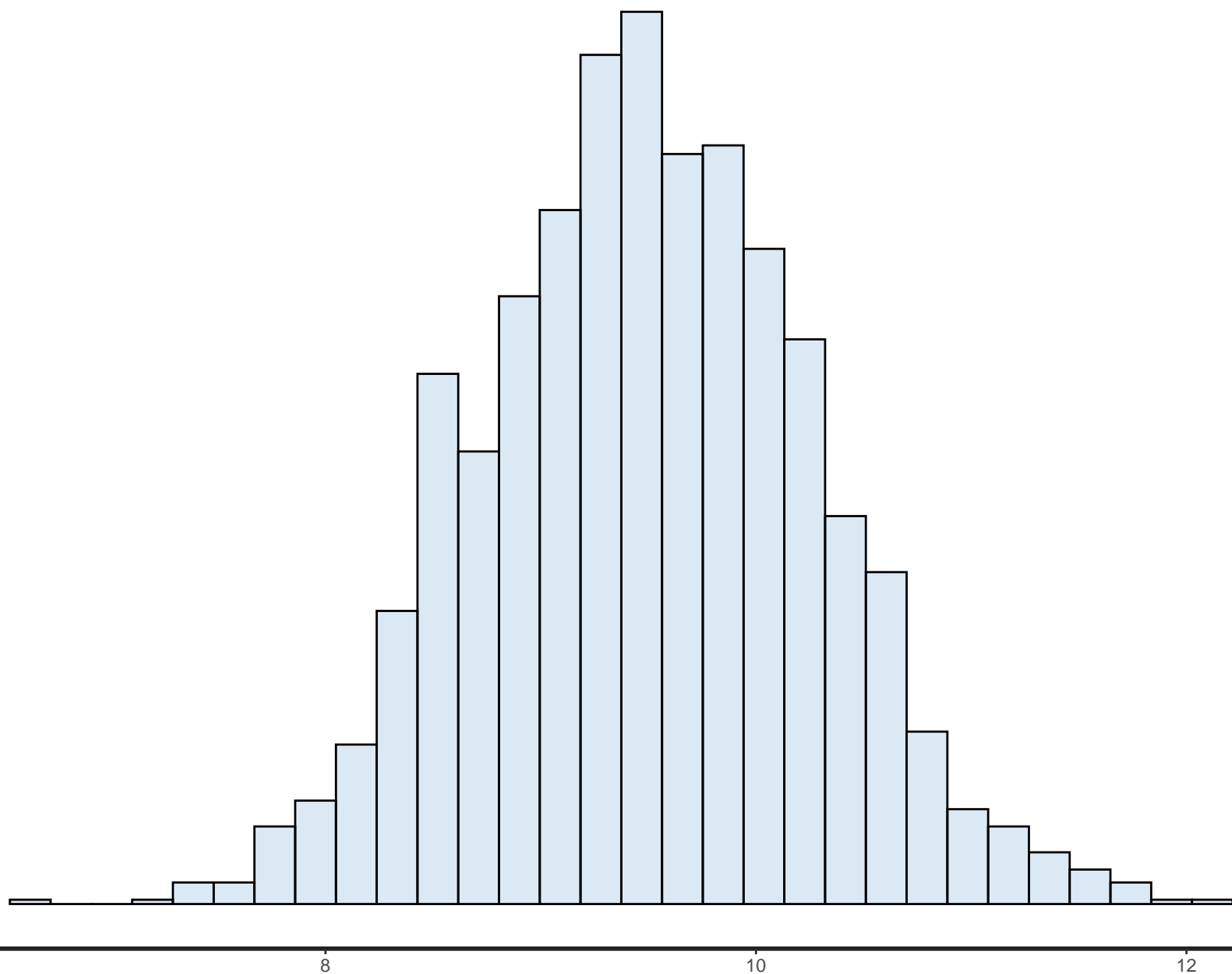


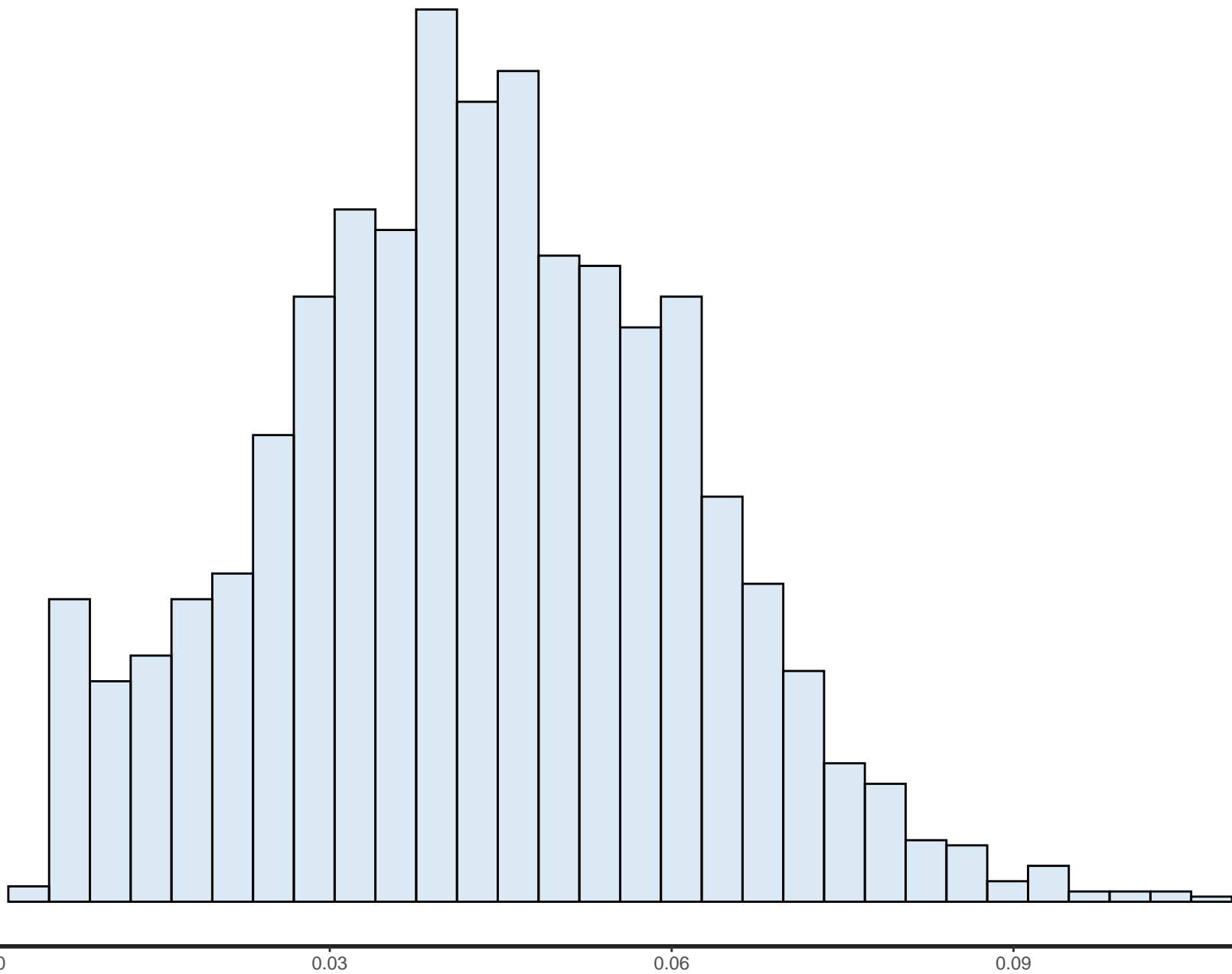


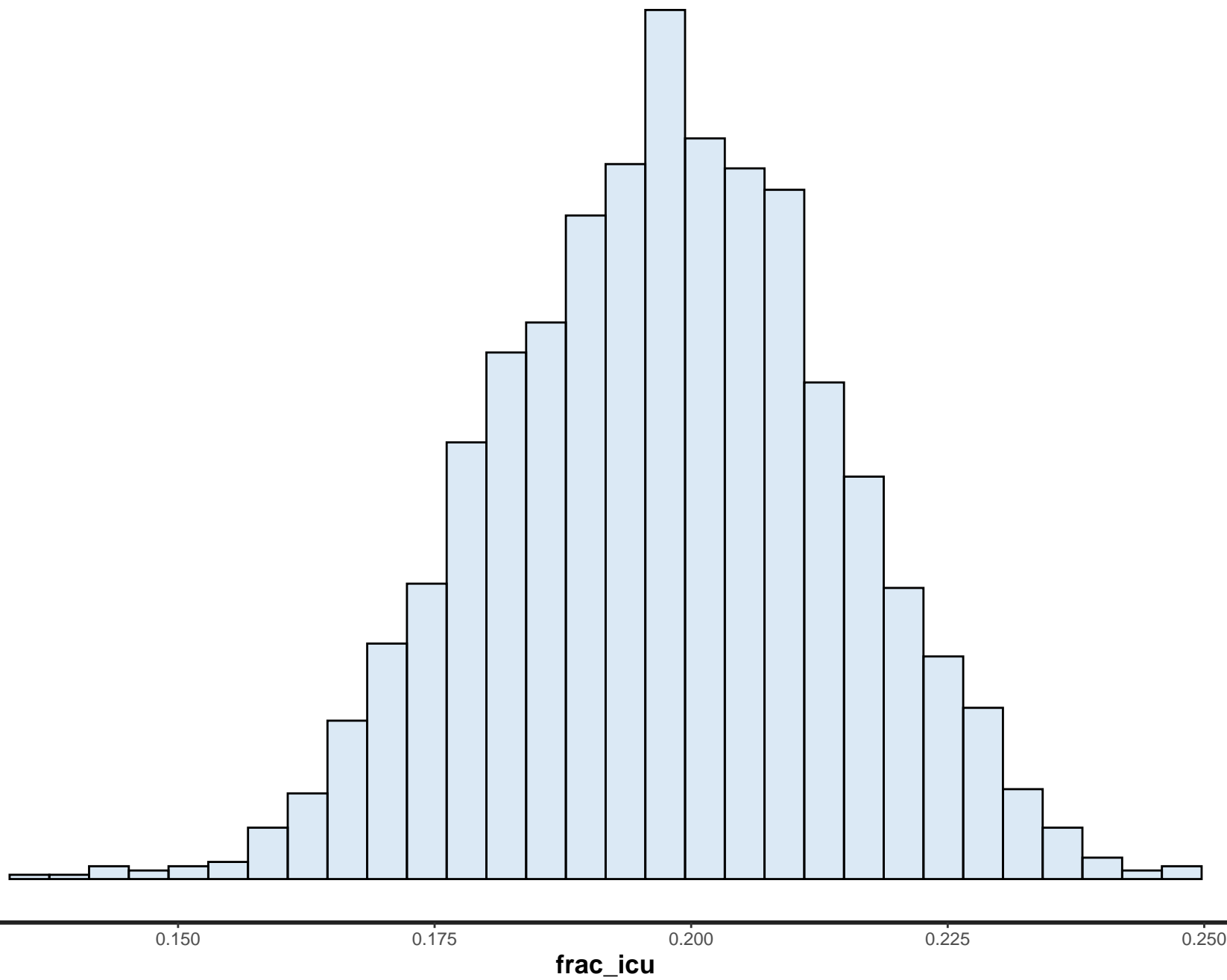




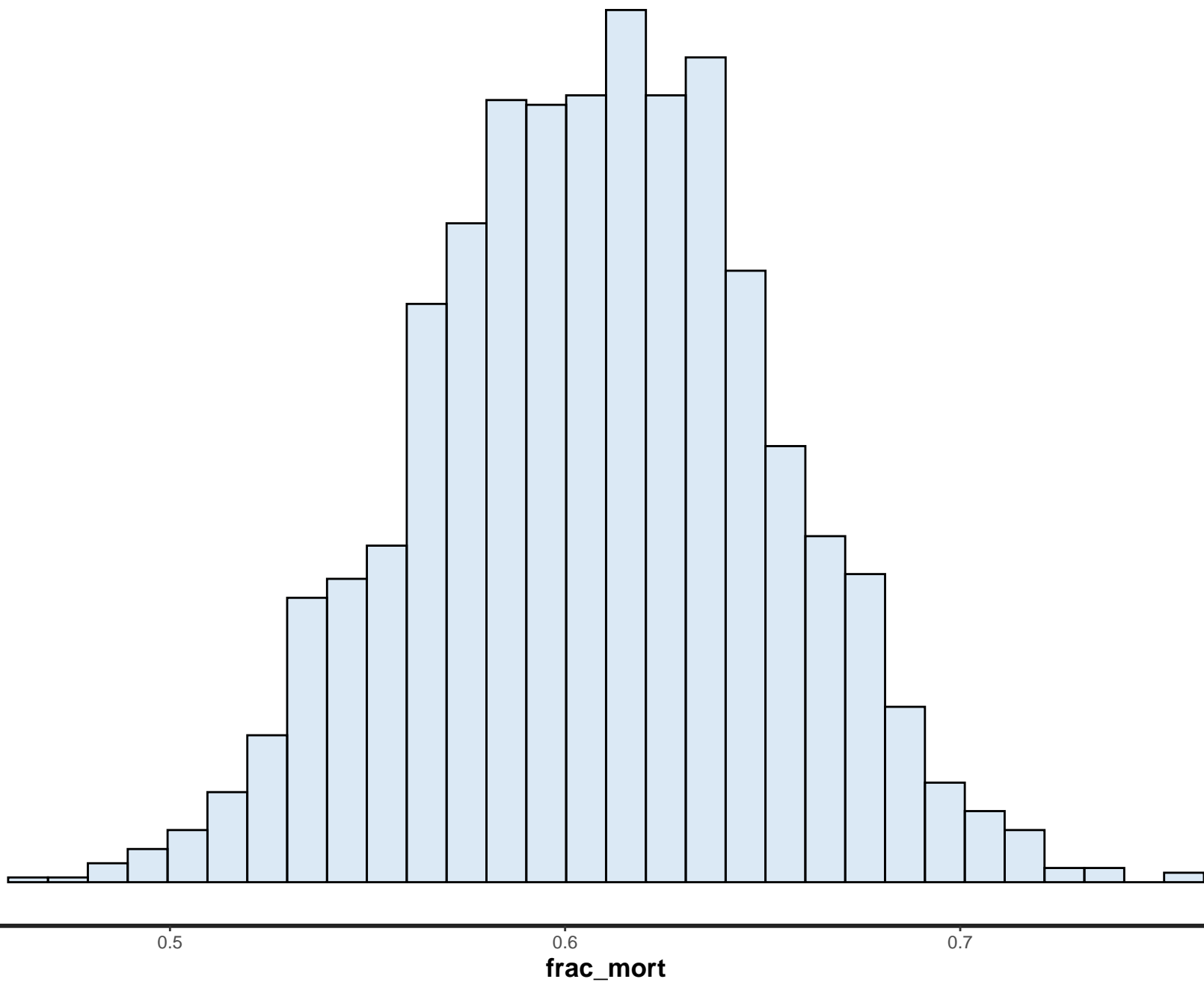




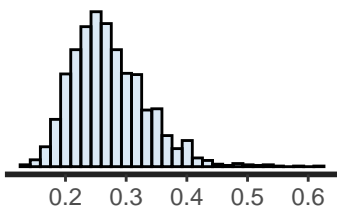




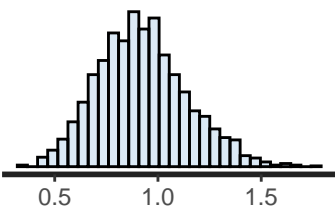




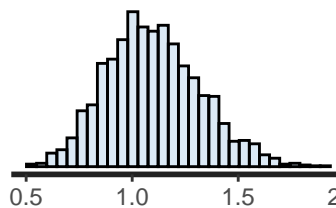
beta\_multiplier[1]



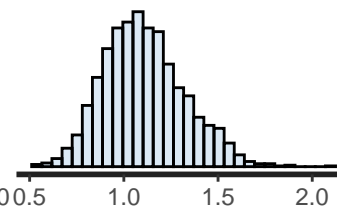
beta\_multiplier[2]



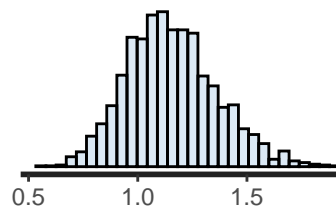
beta\_multiplier[3]



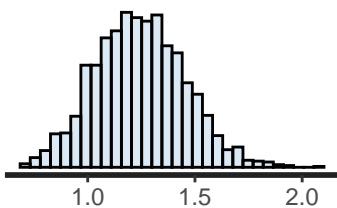
beta\_multiplier[4]



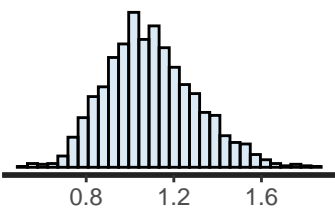
beta\_multiplier[5]



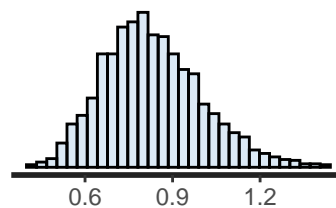
beta\_multiplier[6]



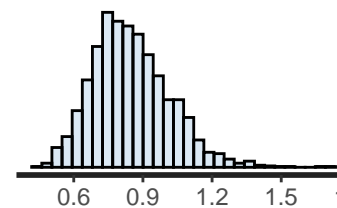
beta\_multiplier[7]



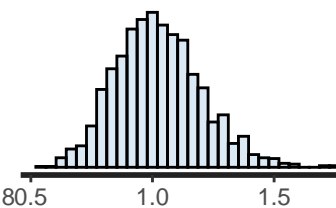
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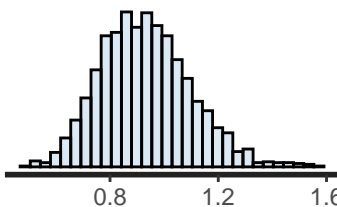
beta\_multiplier[9]



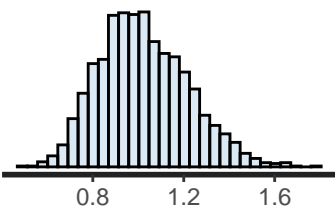
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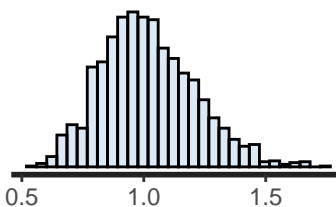
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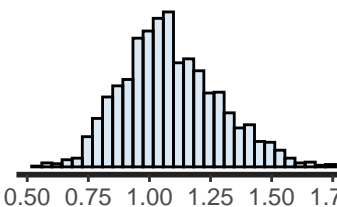
beta\_multiplier[12]



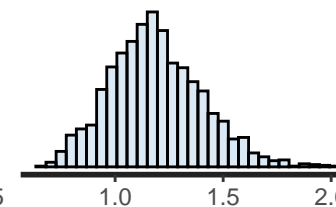
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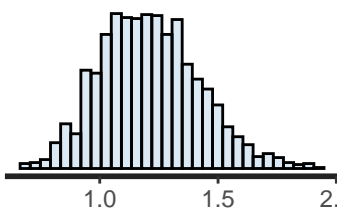
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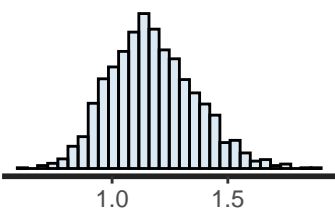
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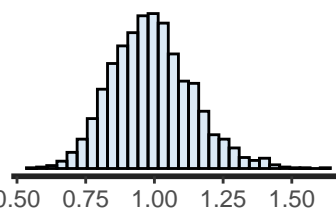
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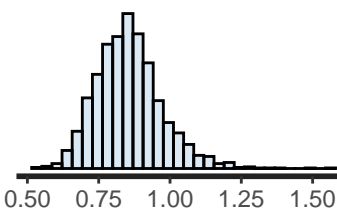
beta\_multiplier[17]



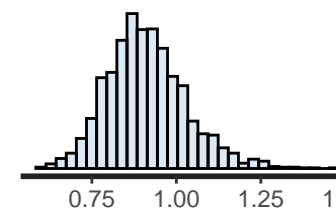
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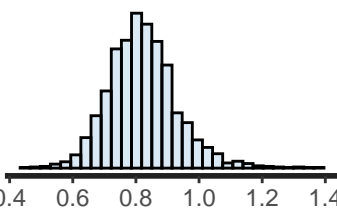
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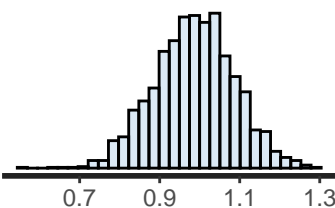
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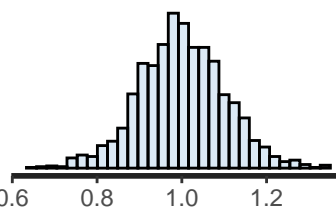
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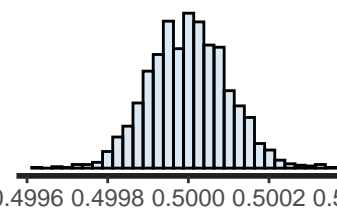
beta\_multiplier[22]

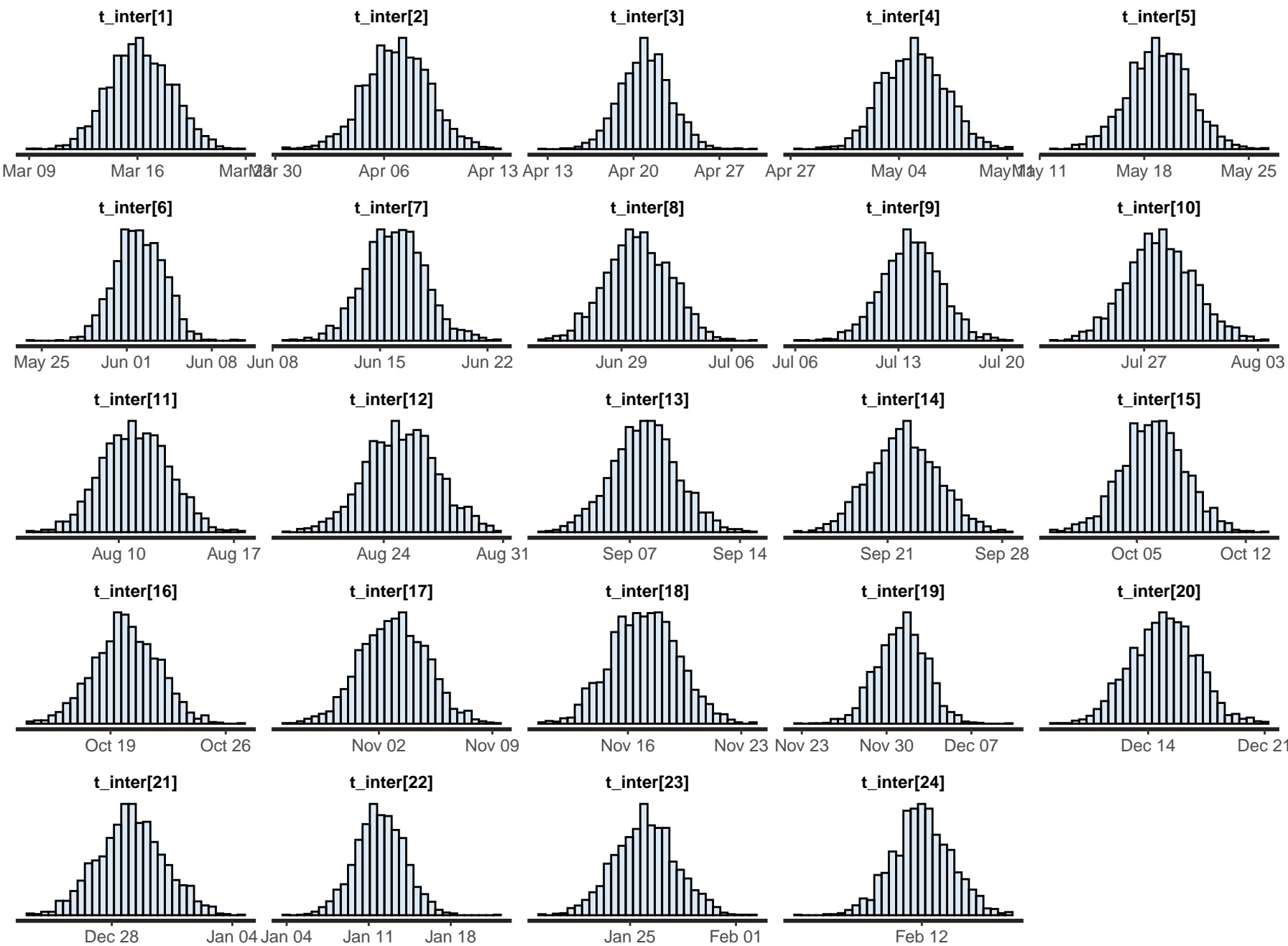


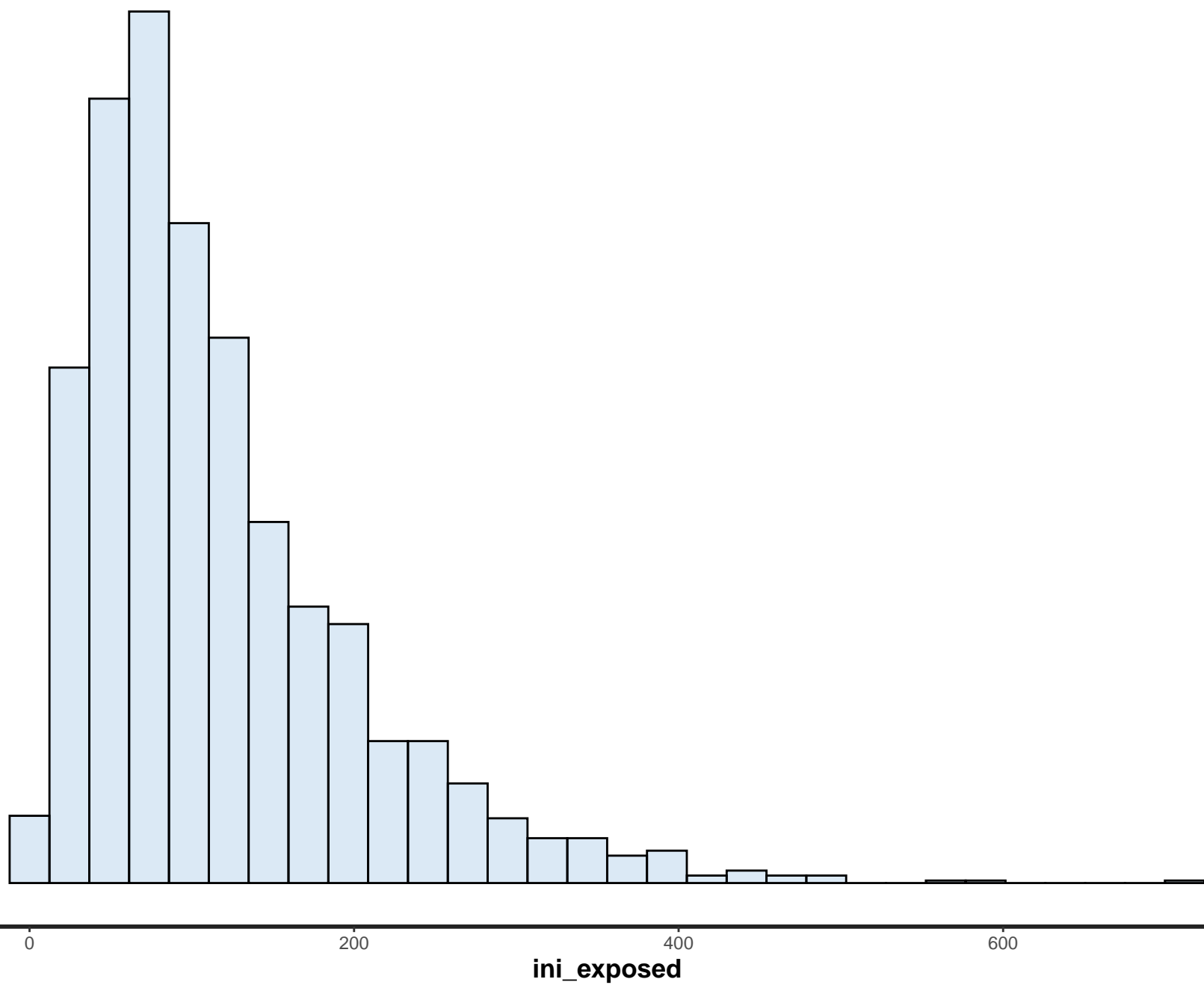
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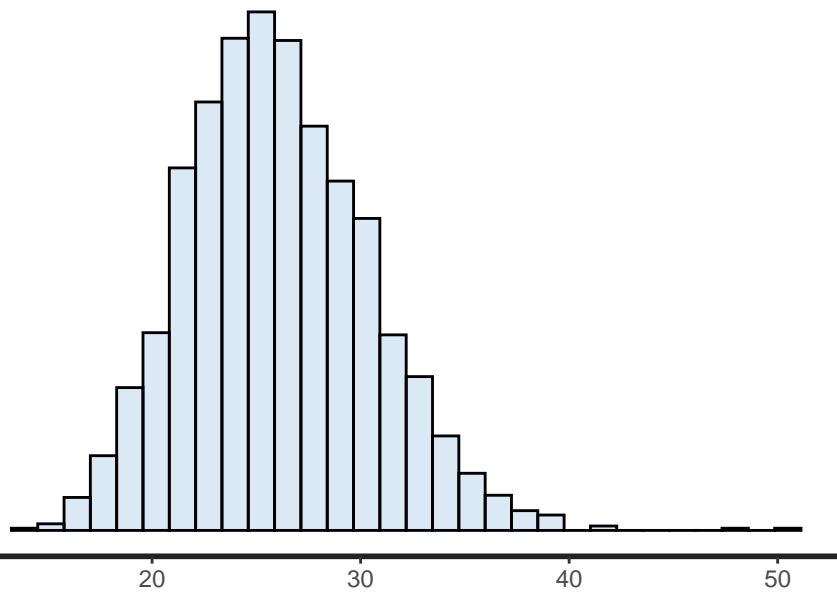
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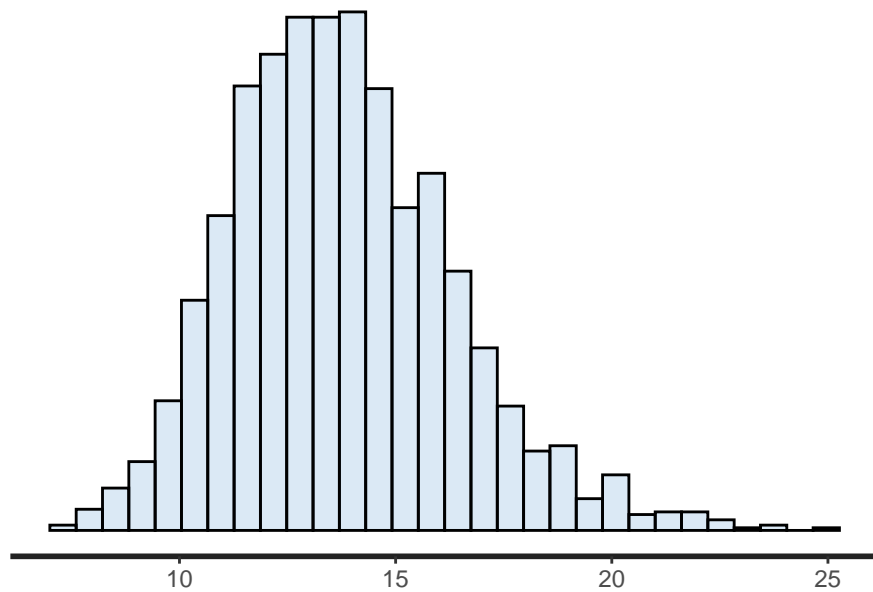




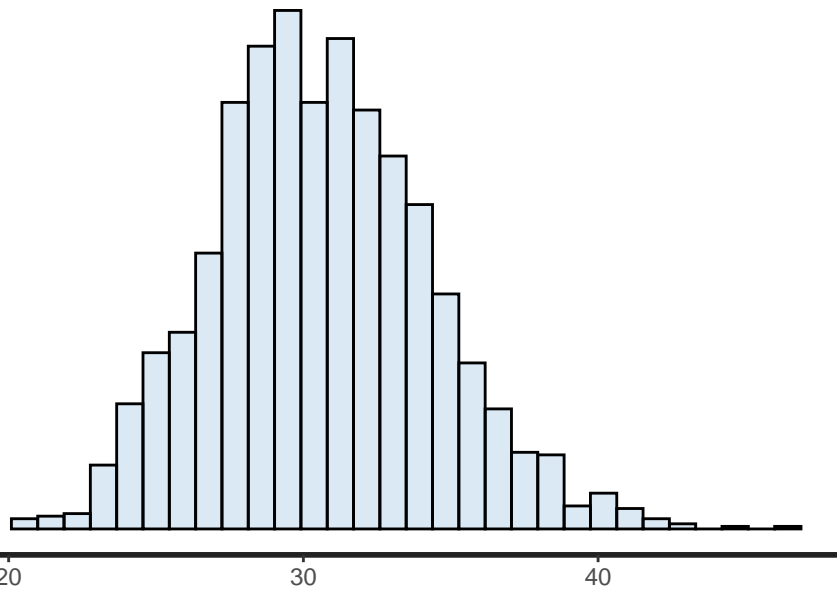
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

