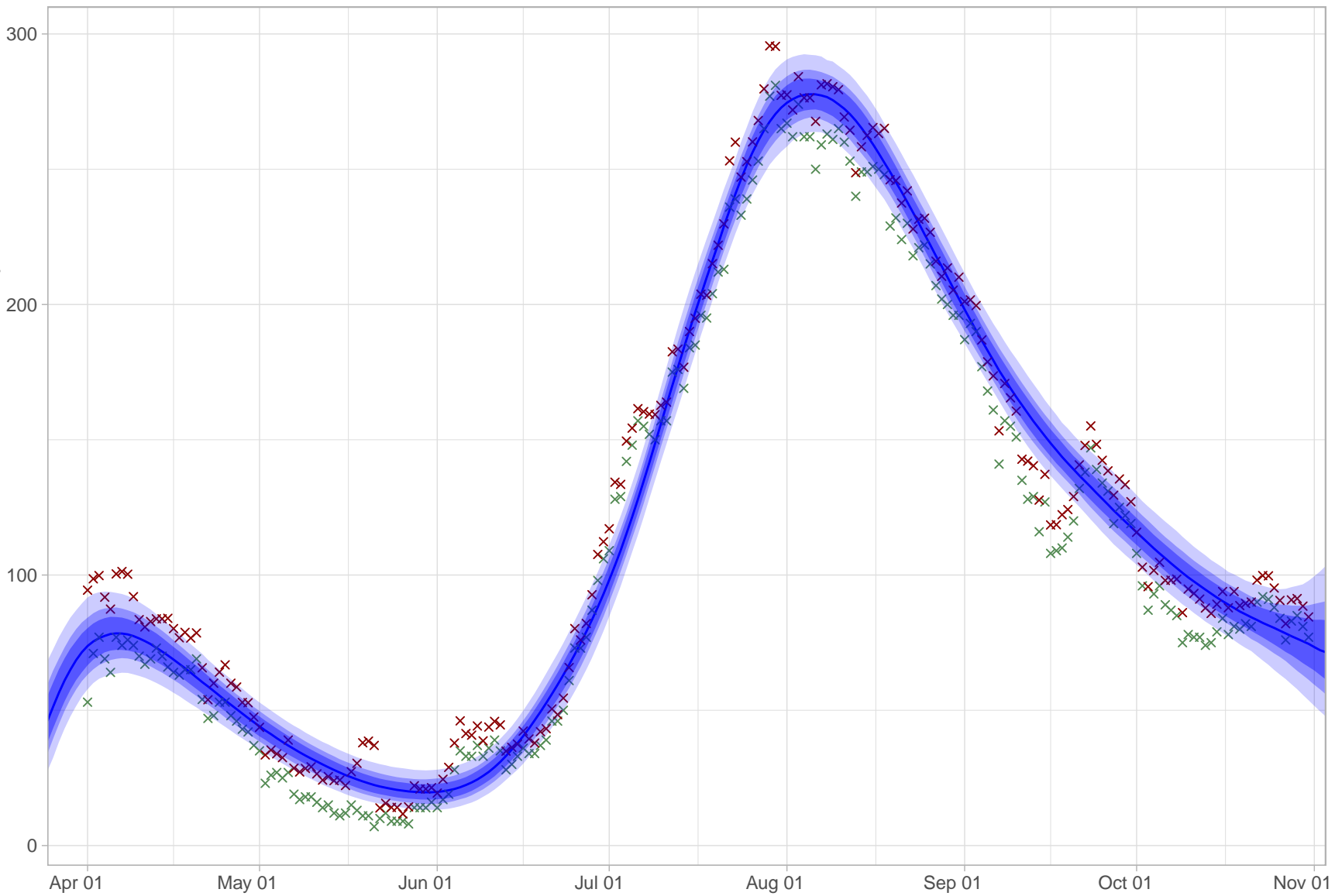


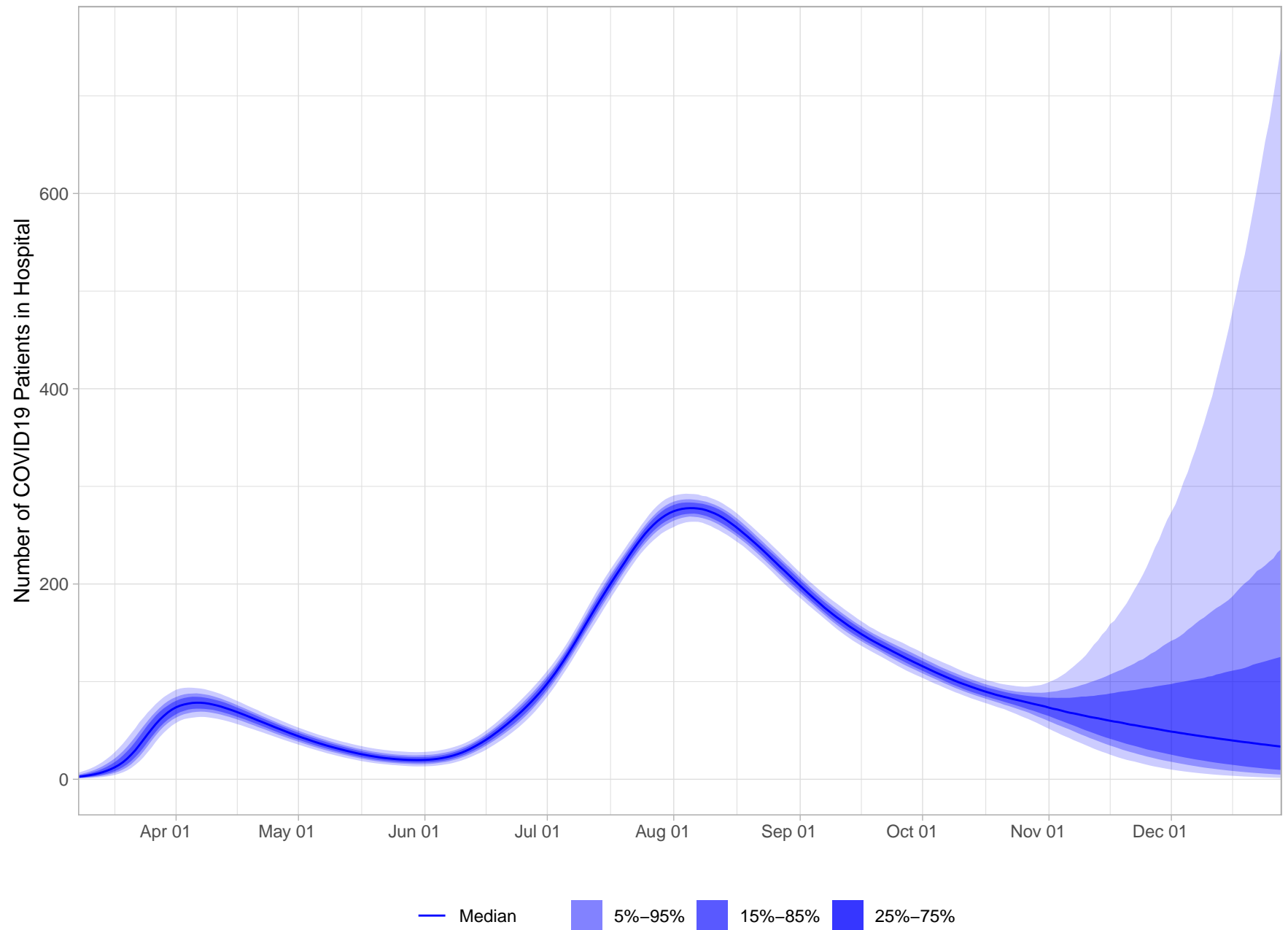
# Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

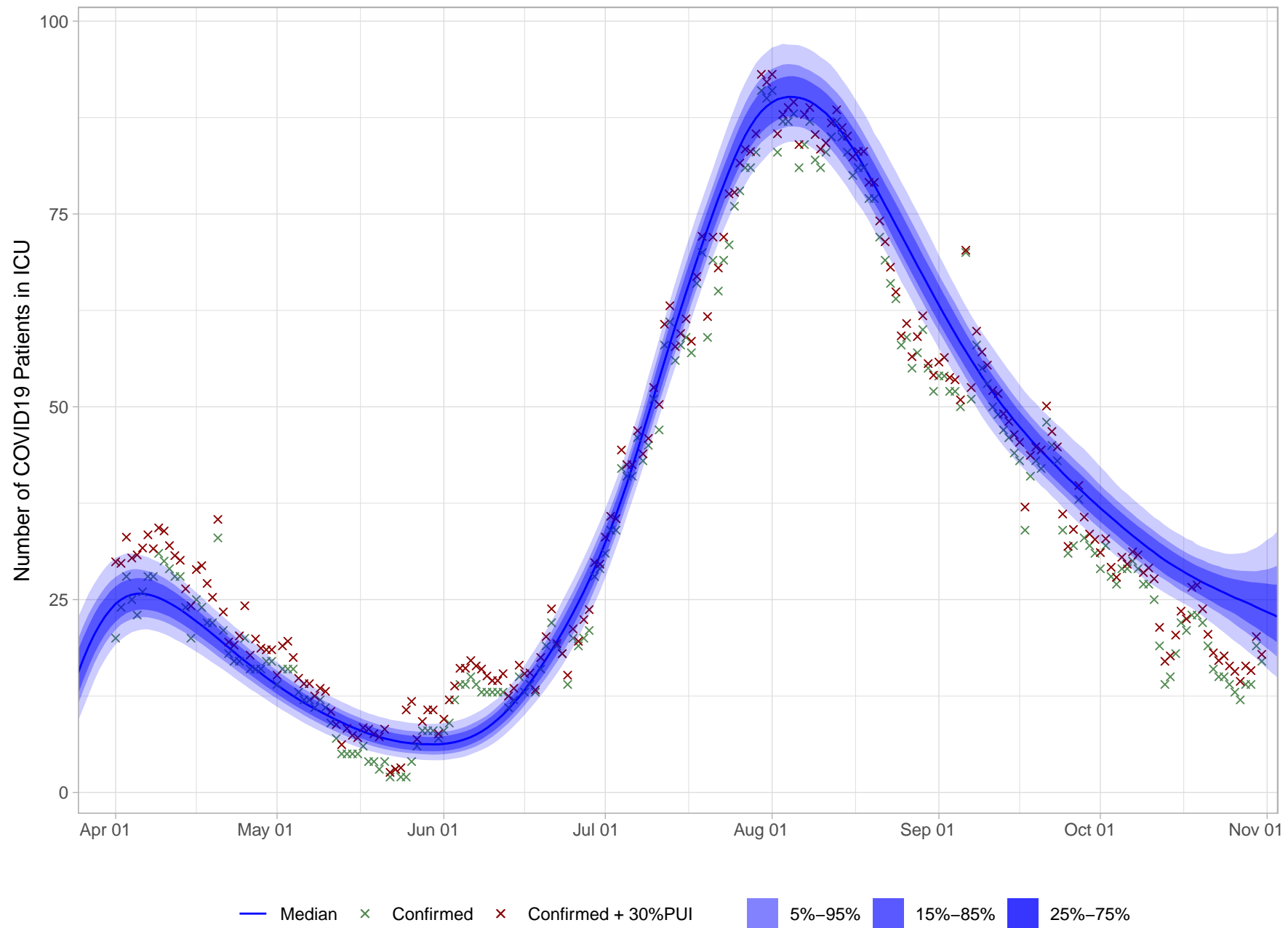


— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

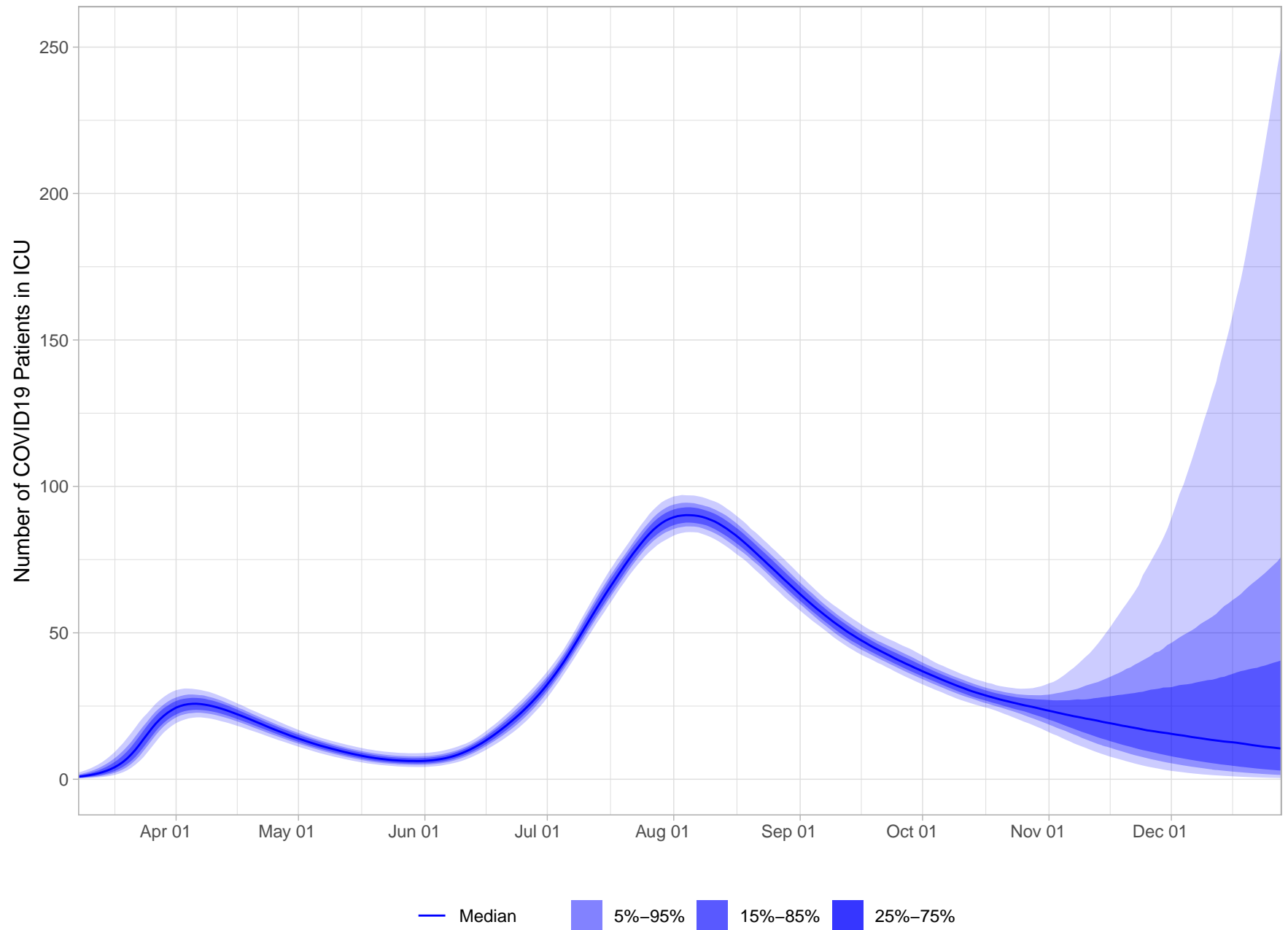
# Long Term Hospitalization Projection



# Short Term ICU Projection

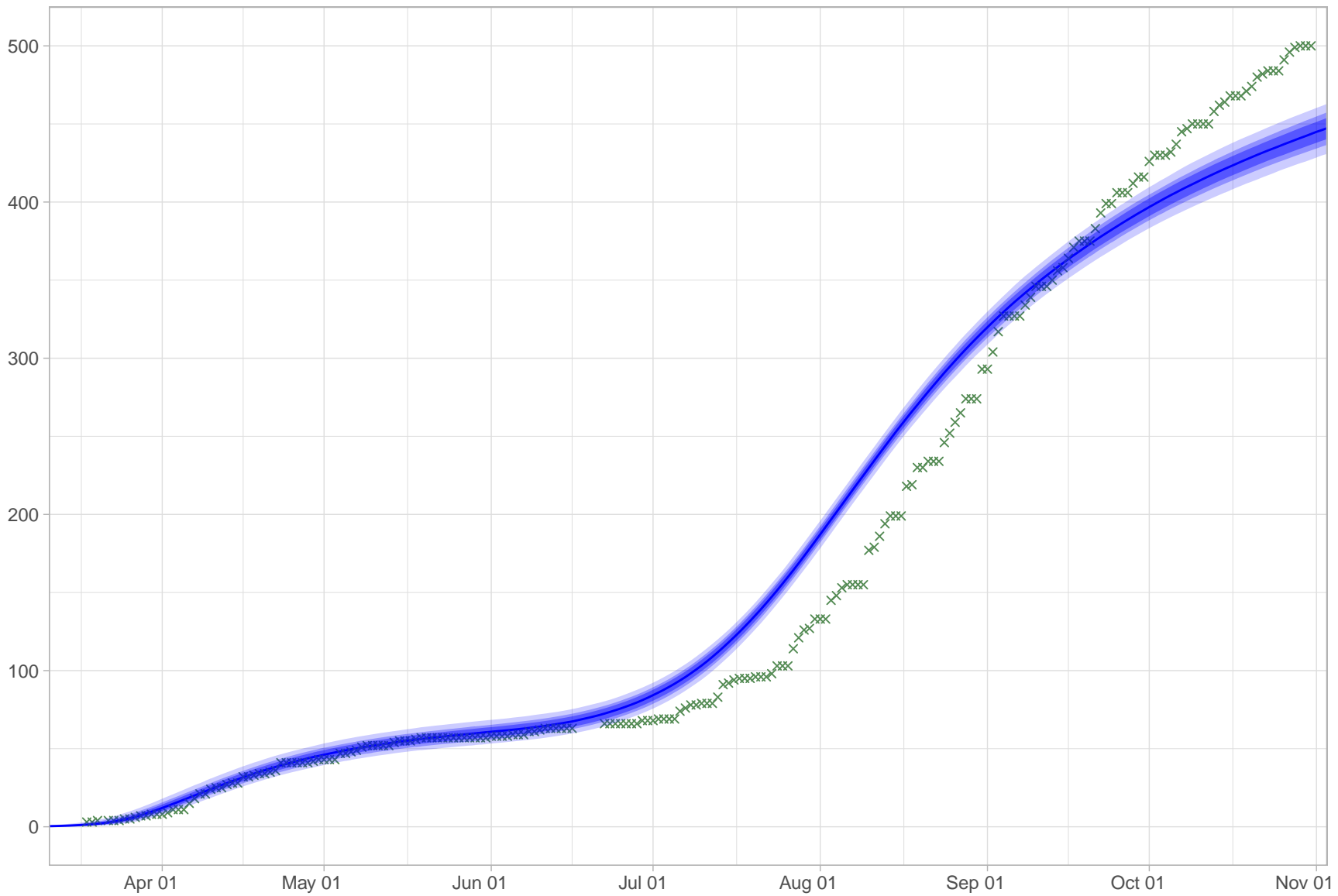


# Long Term ICU Projection



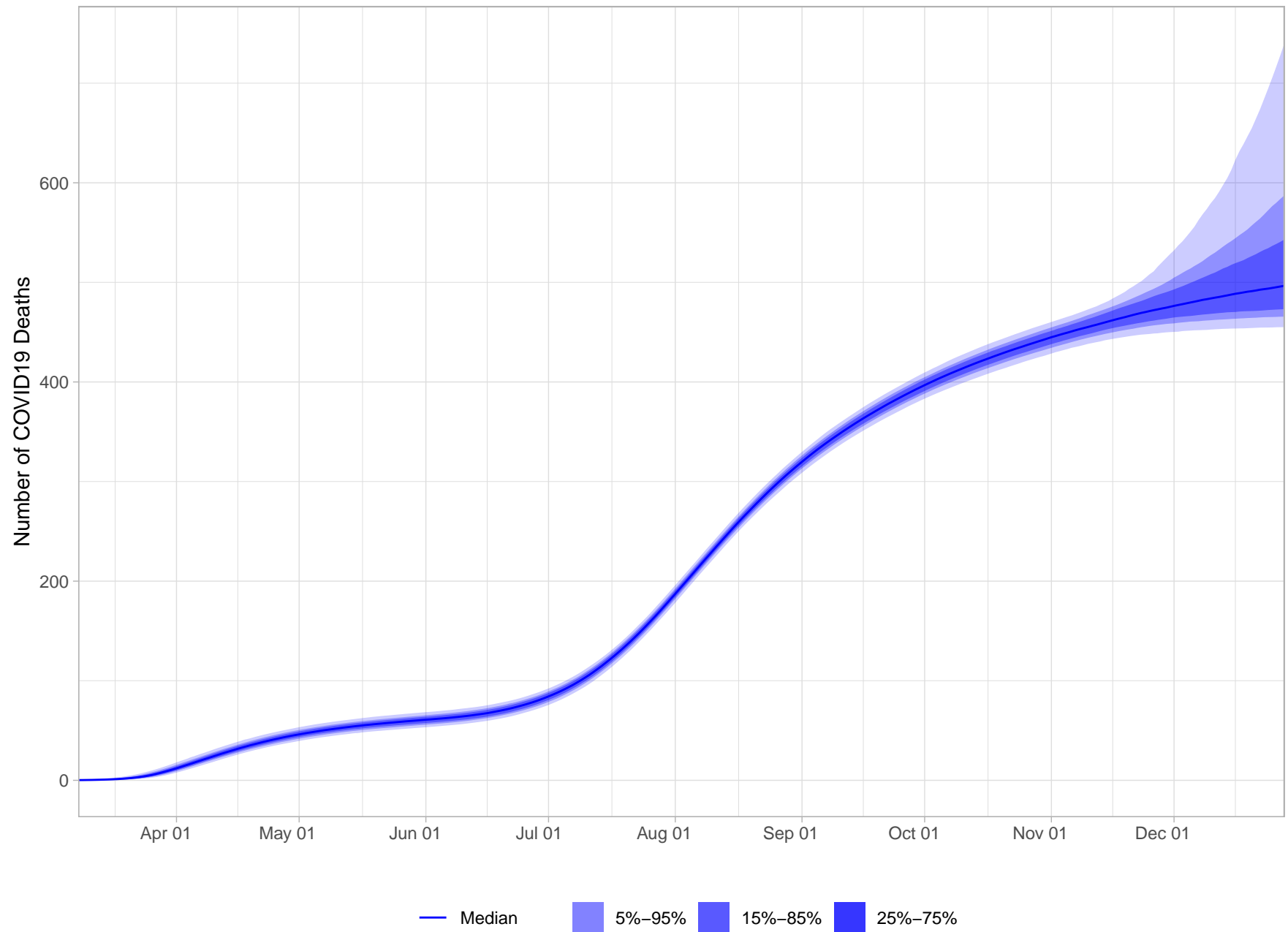
# Short Term Death Projection

Number of COVID19 Deaths

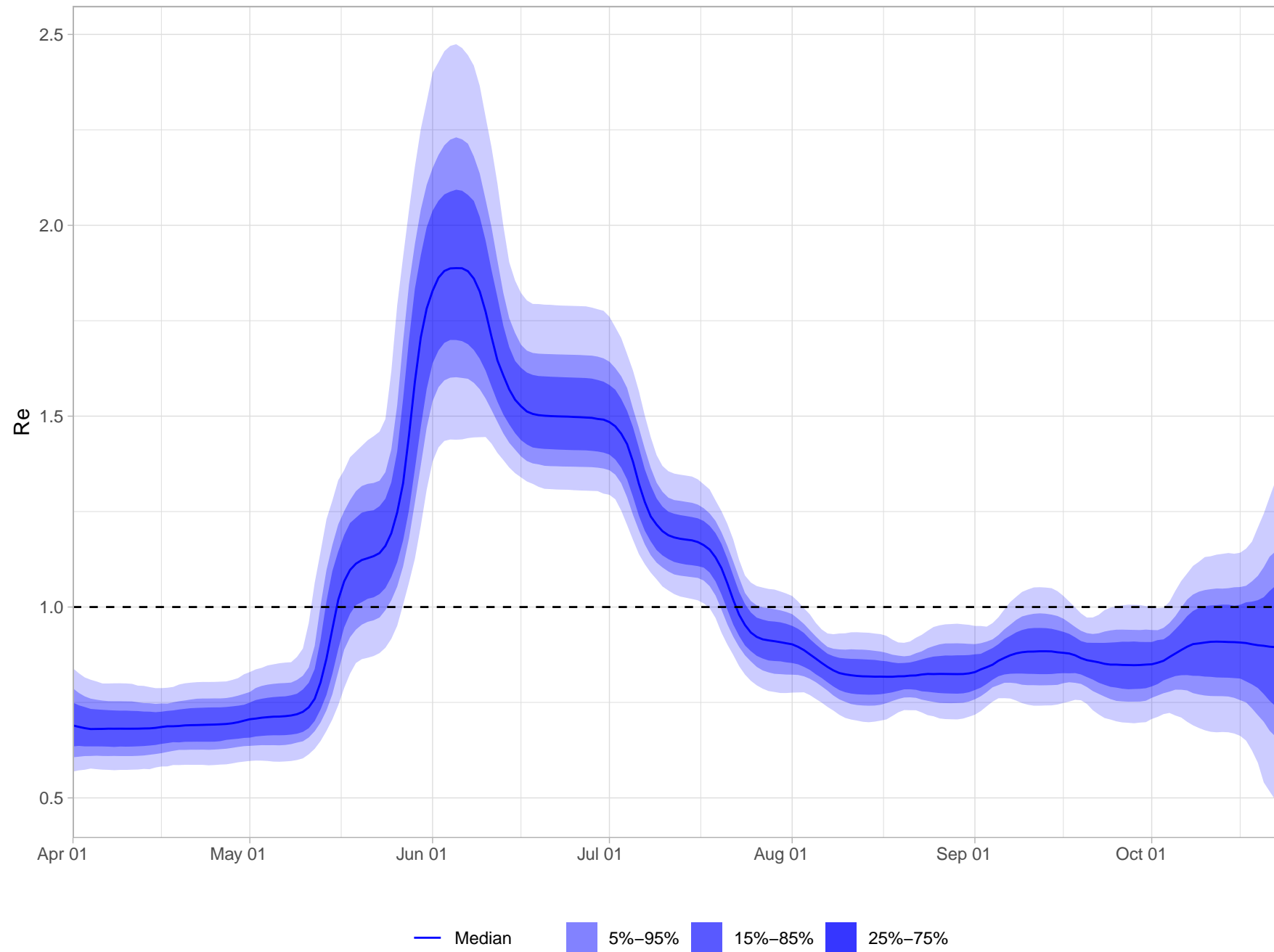


Median × Confirmed 5%-95% 15%-85% 25%-75%

# Long Term Death Projection

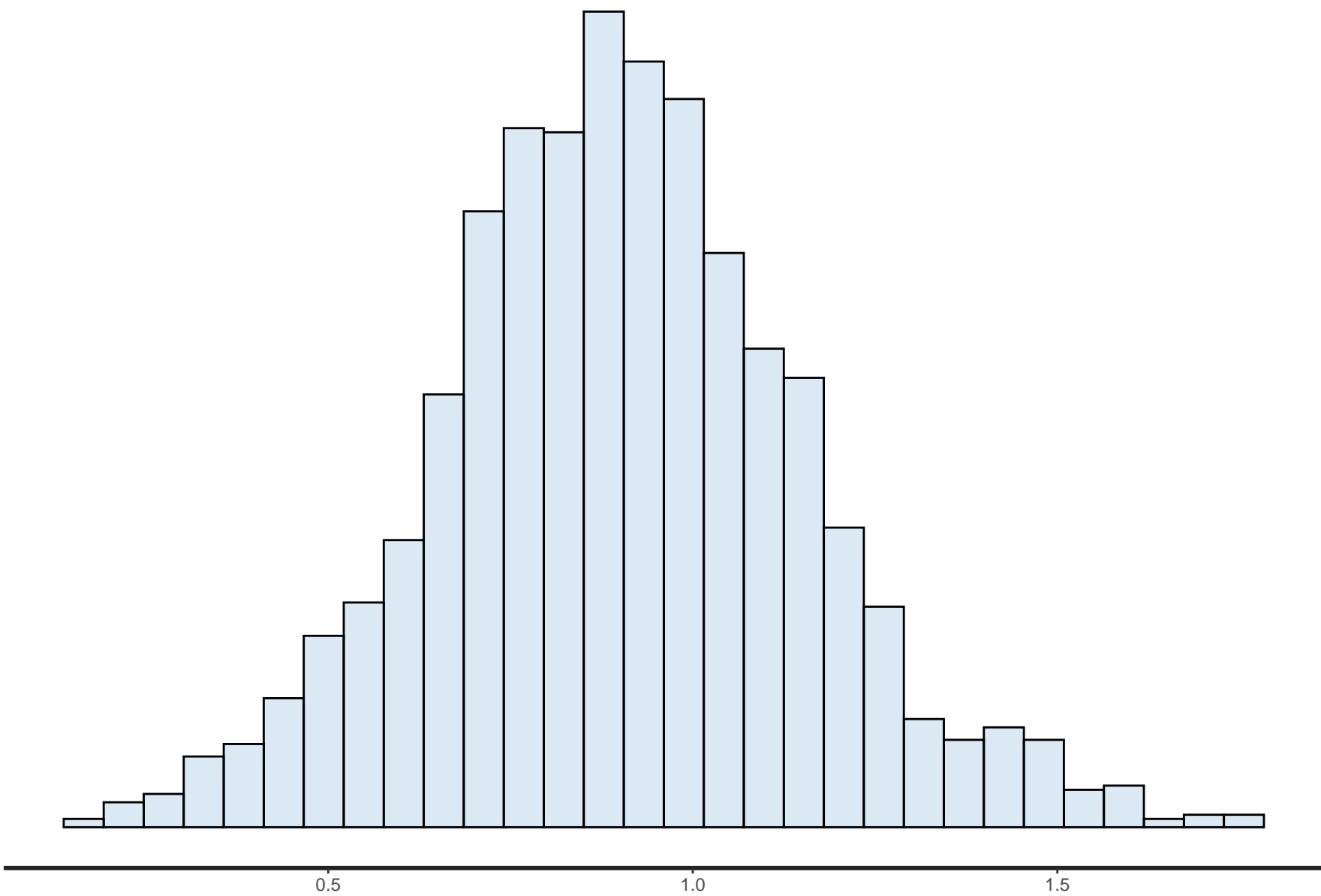


Effective Reproduction Number

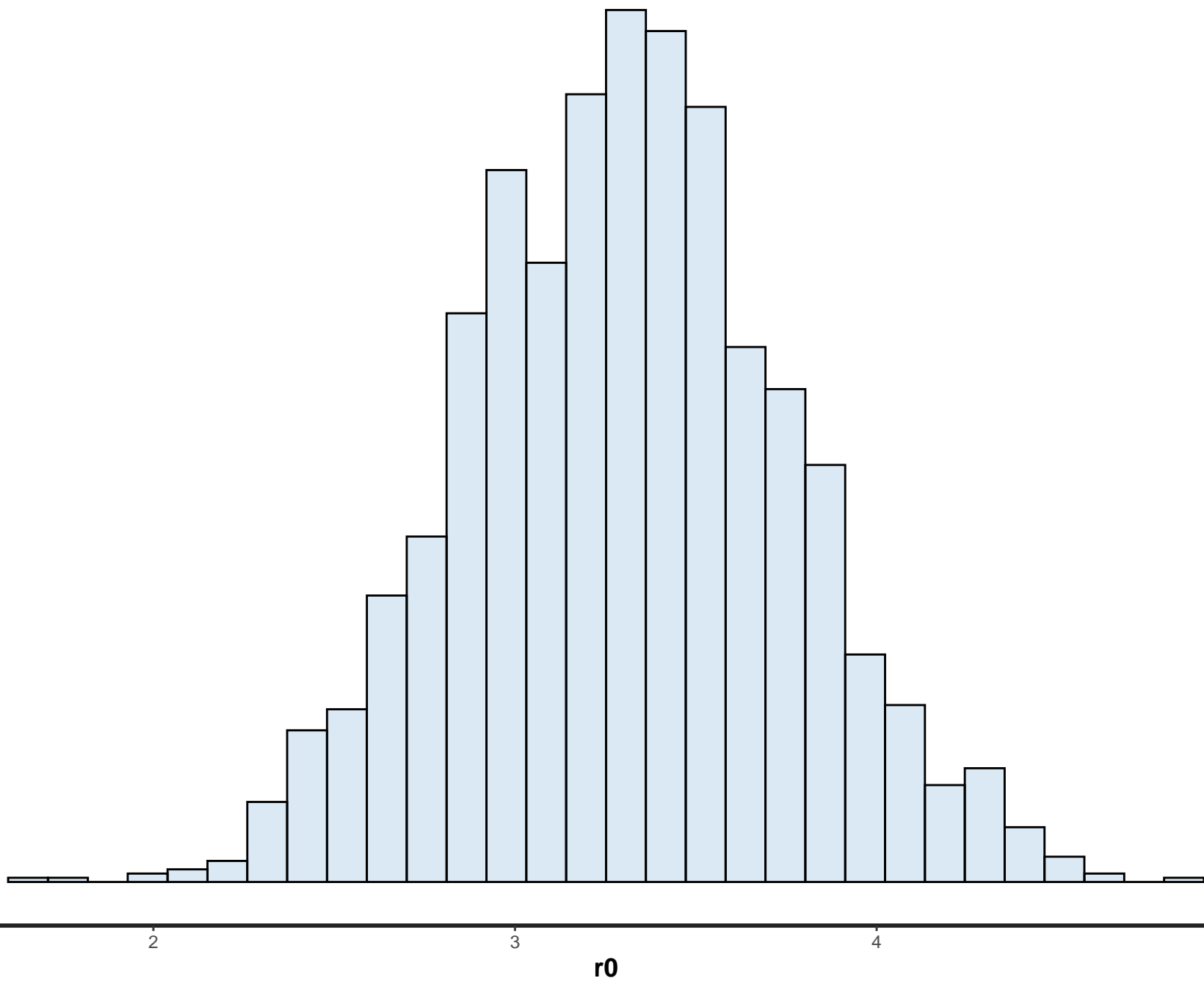


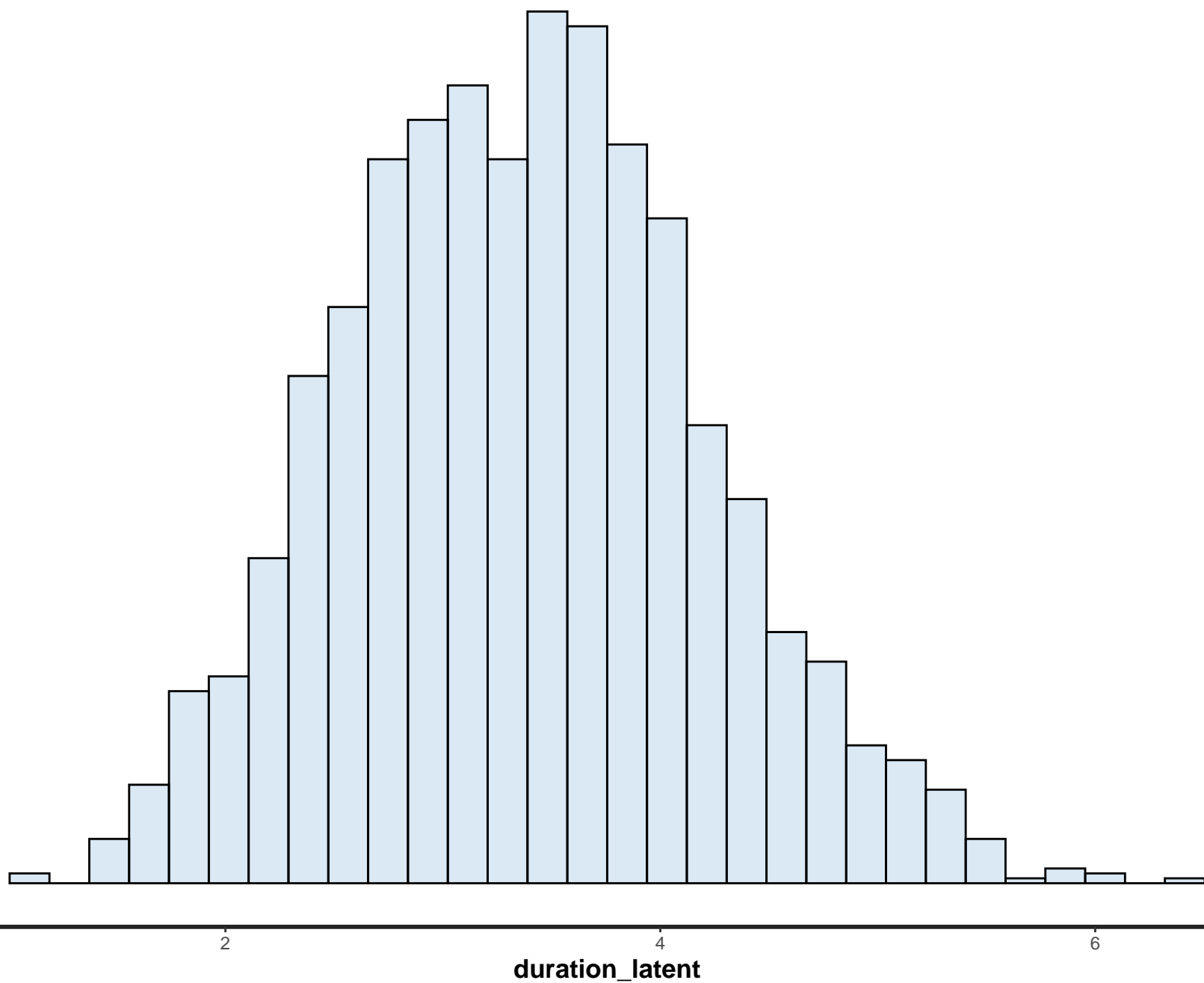
# Rt as of 2020-10-22

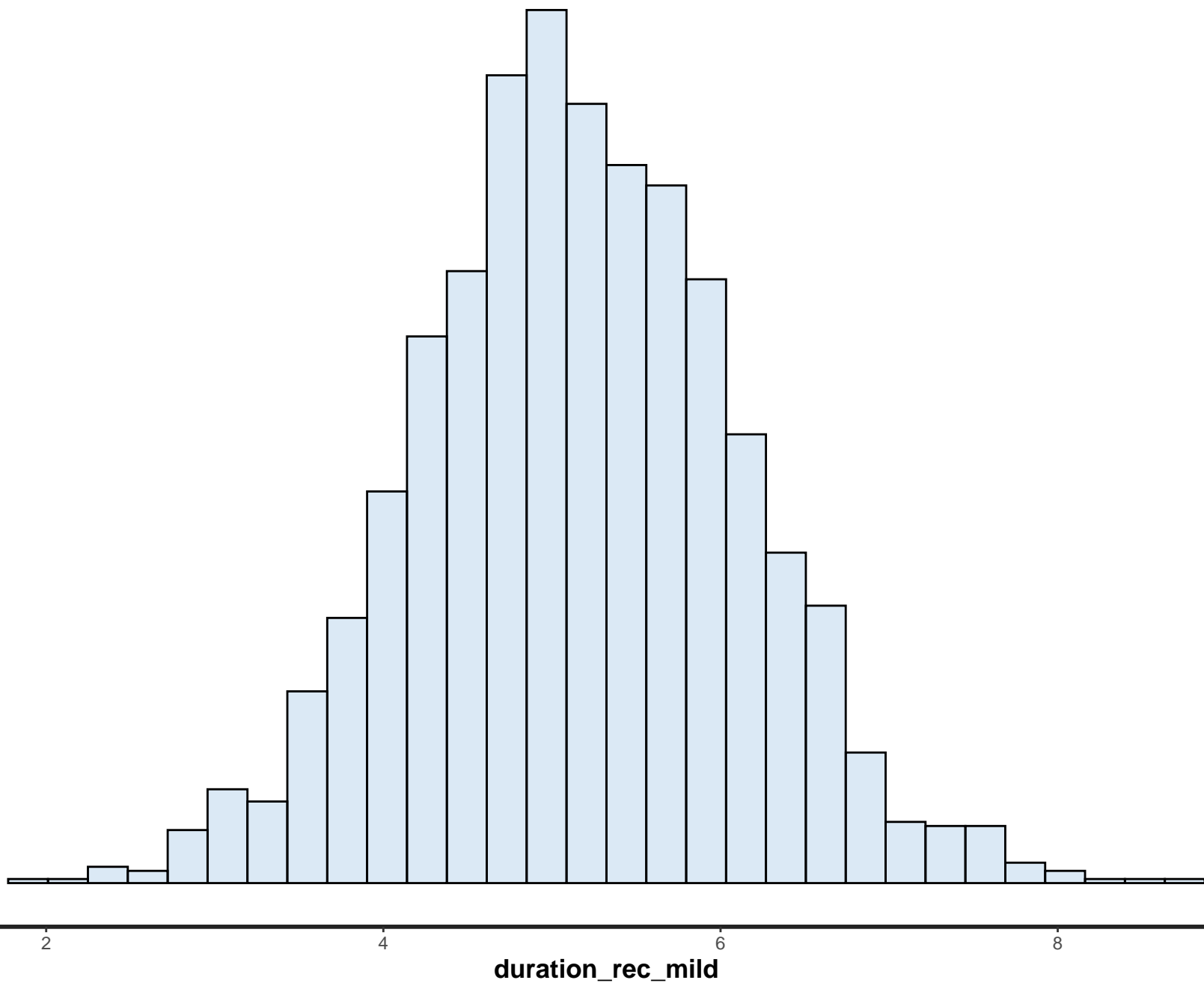
5% 10% 25% 50% 75% 90% 95%  
0.49 0.59 0.74 0.89 1.06 1.21 1.33

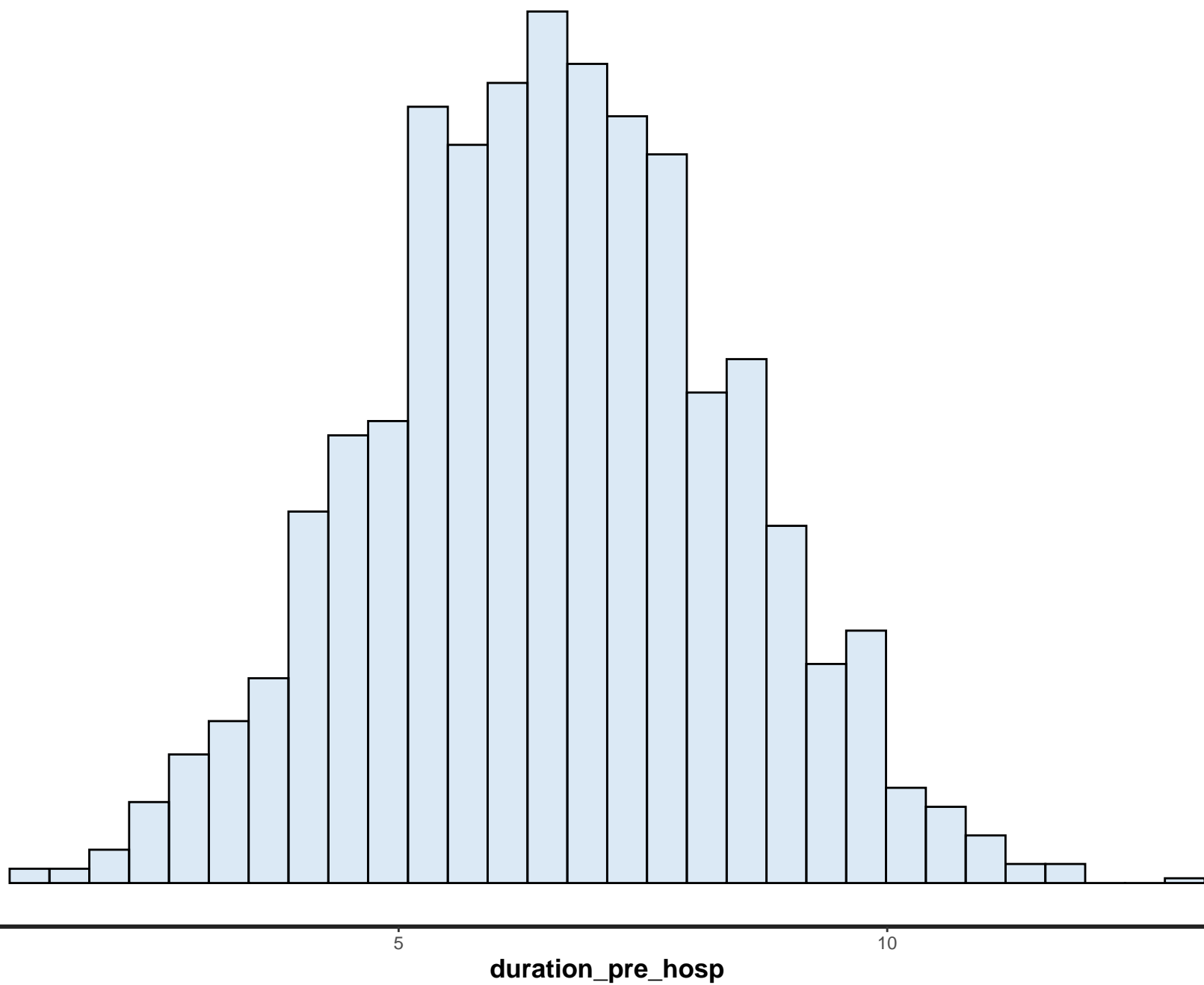


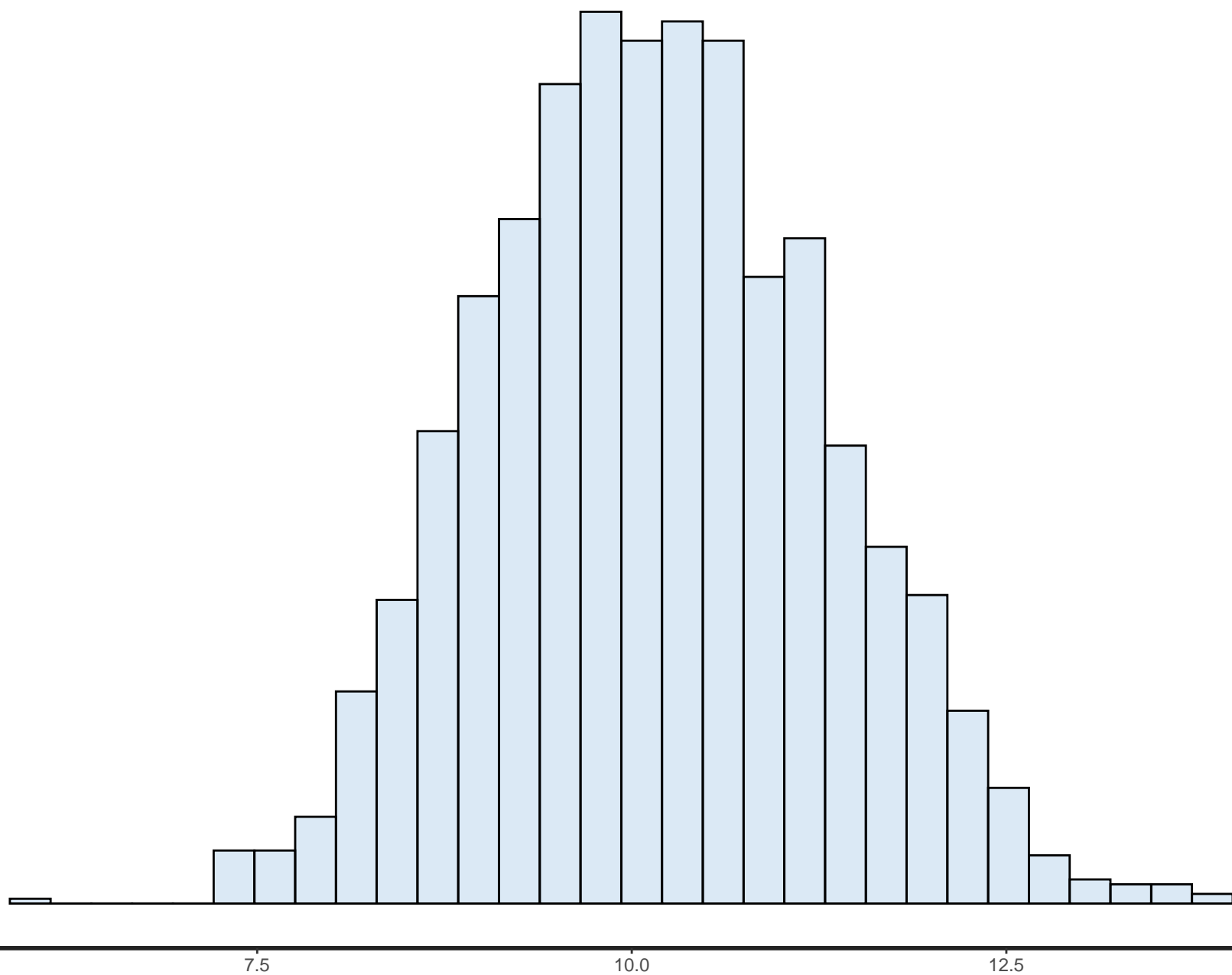


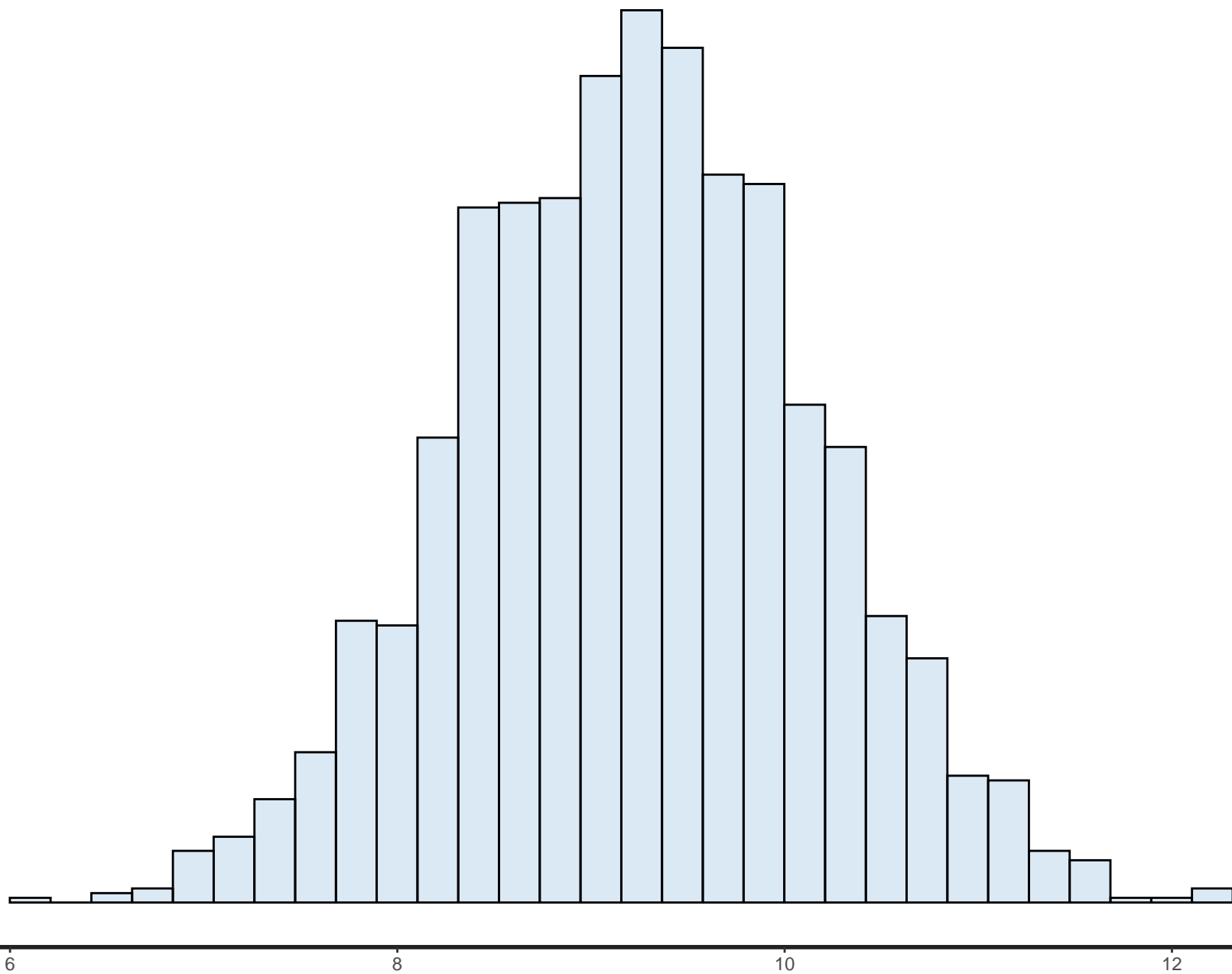


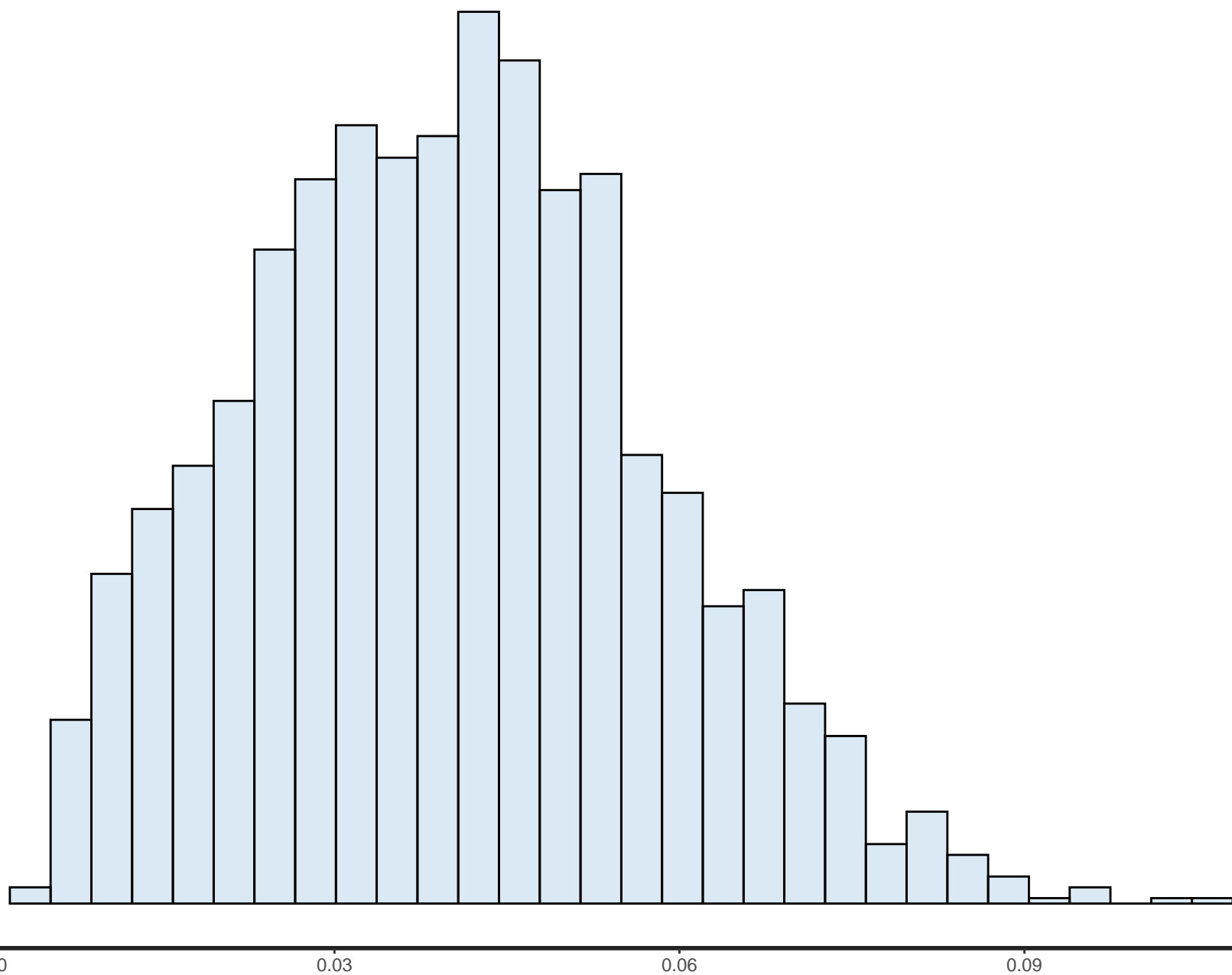


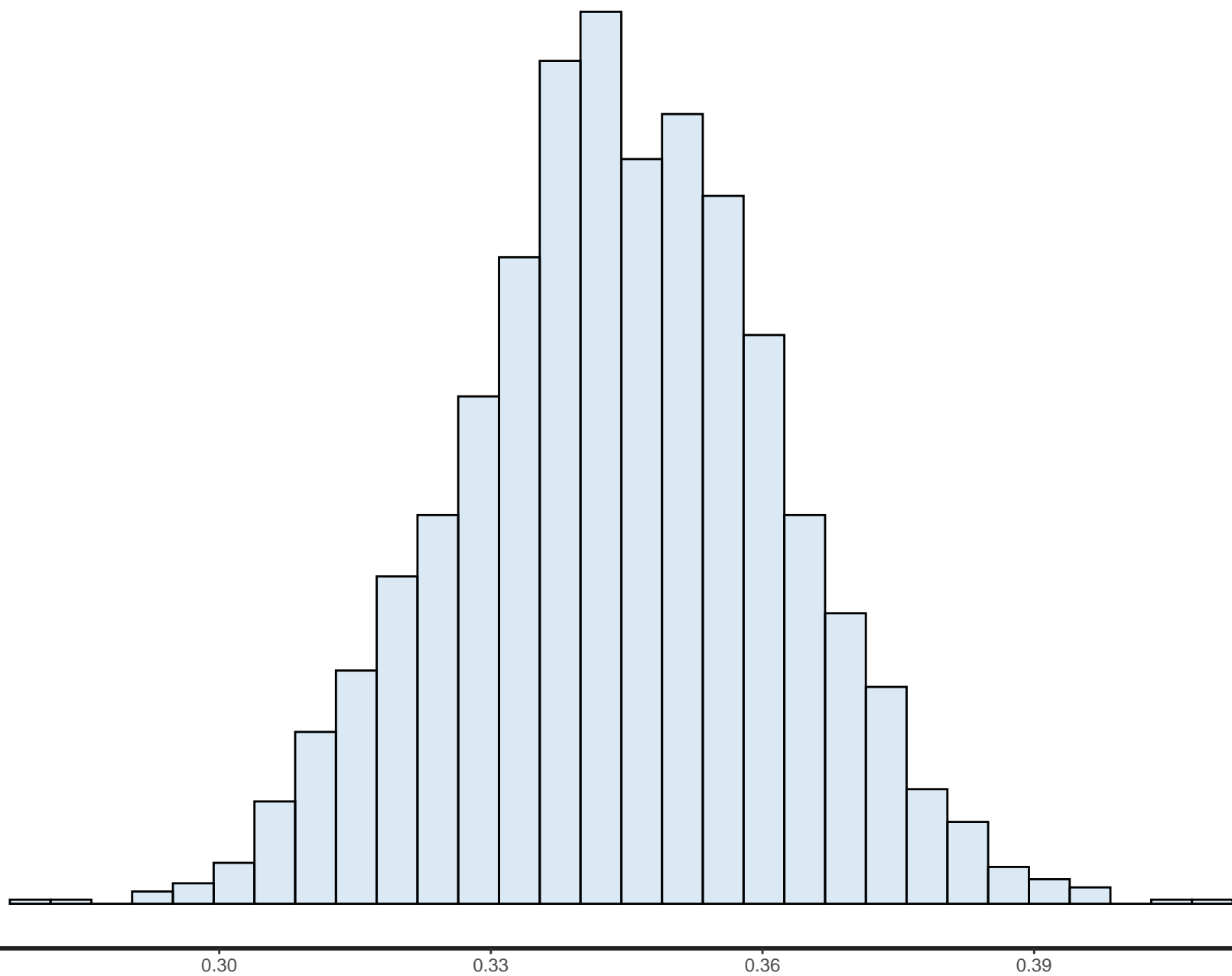




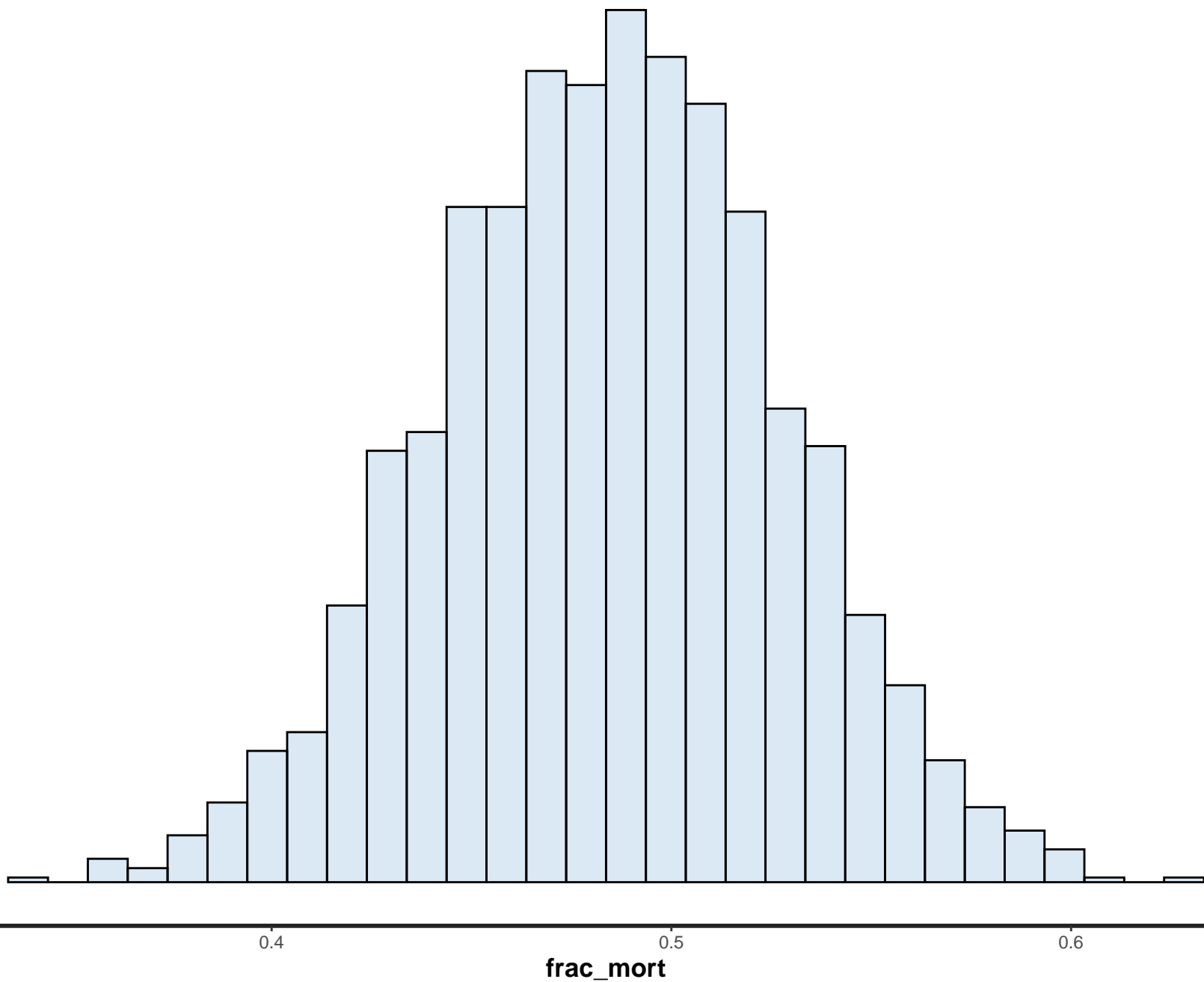


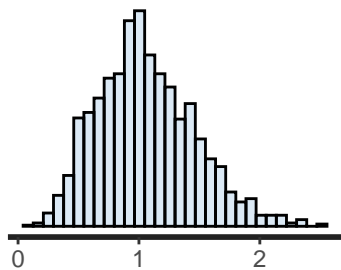
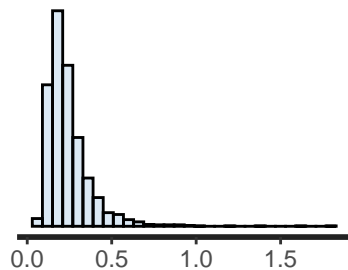
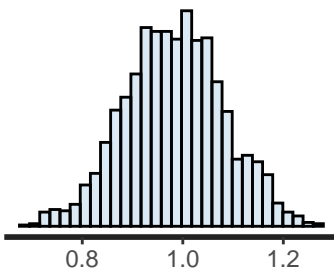
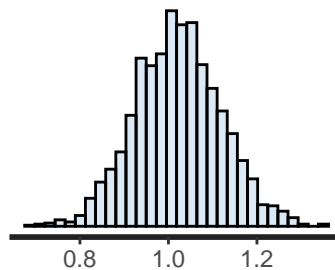
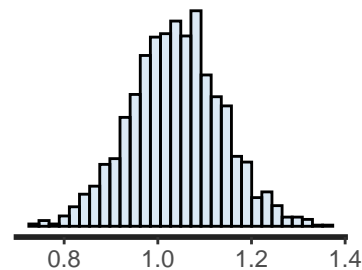
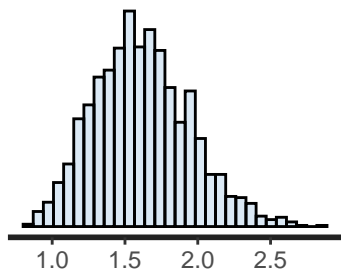
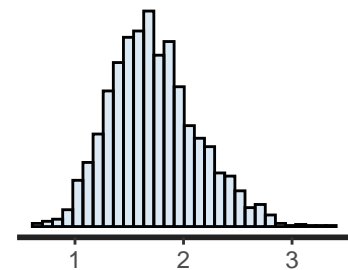
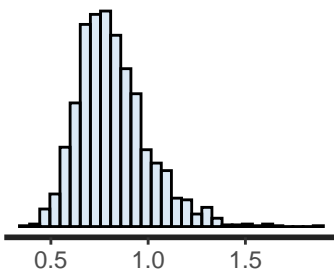
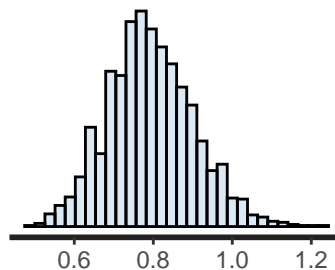
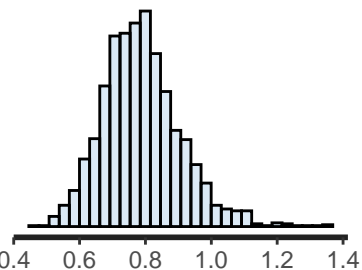
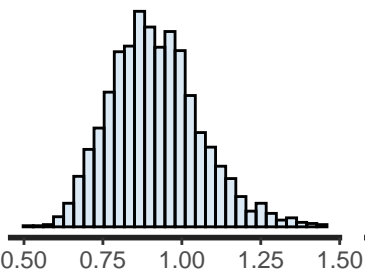
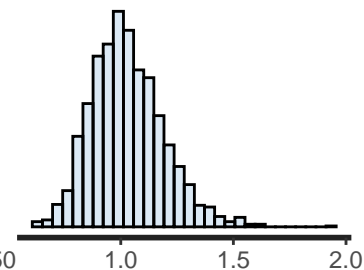
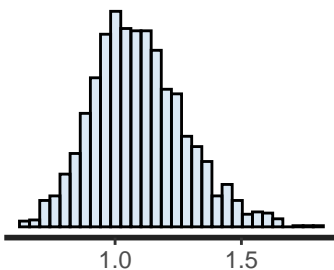
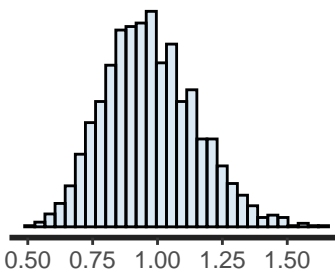
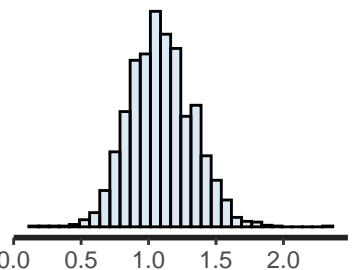
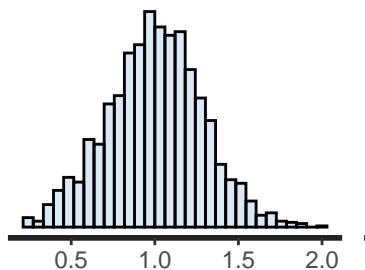
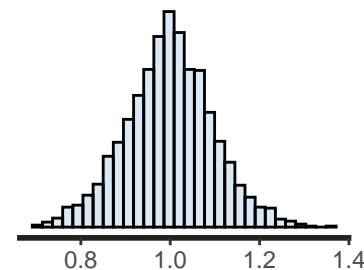


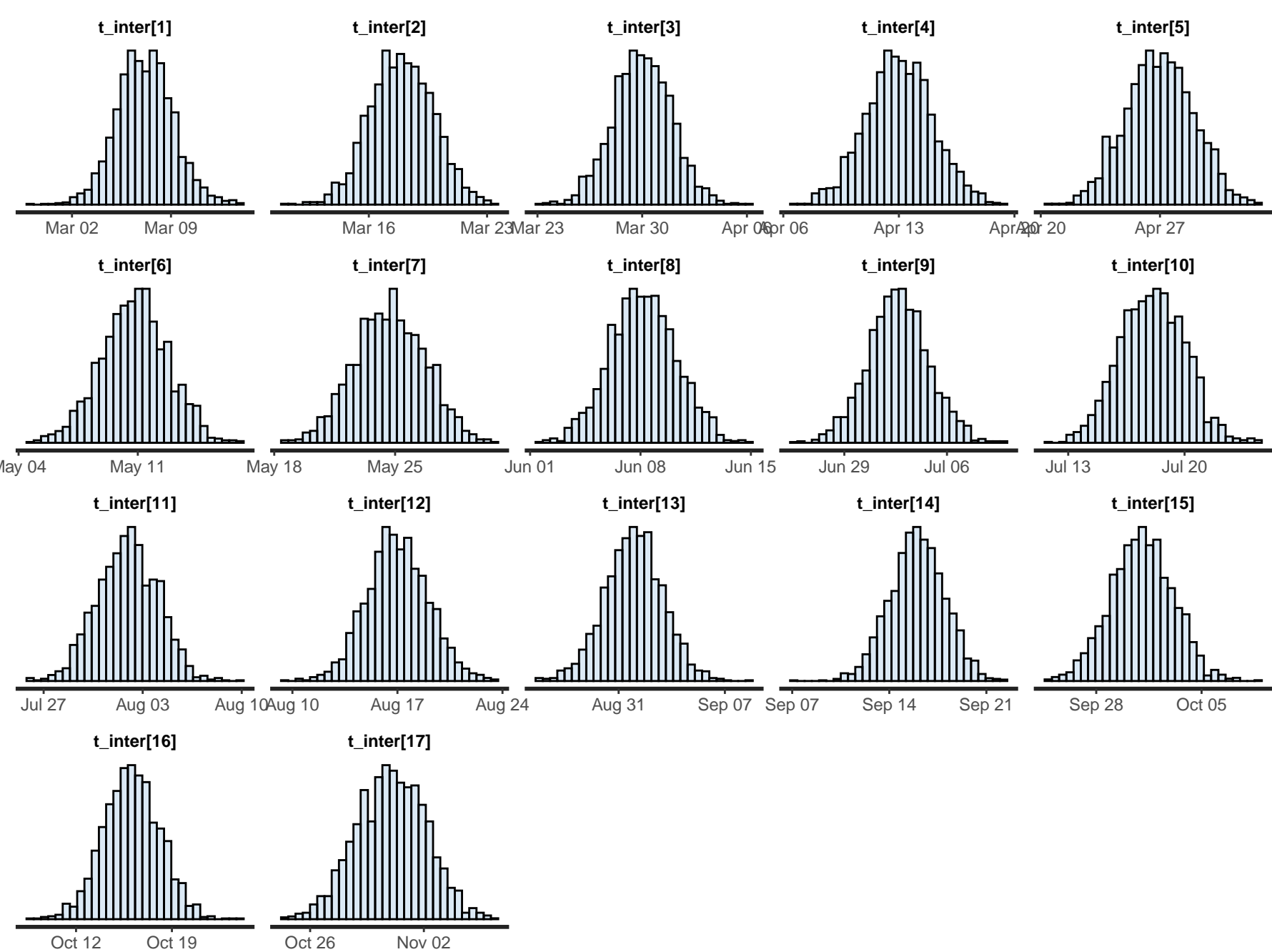


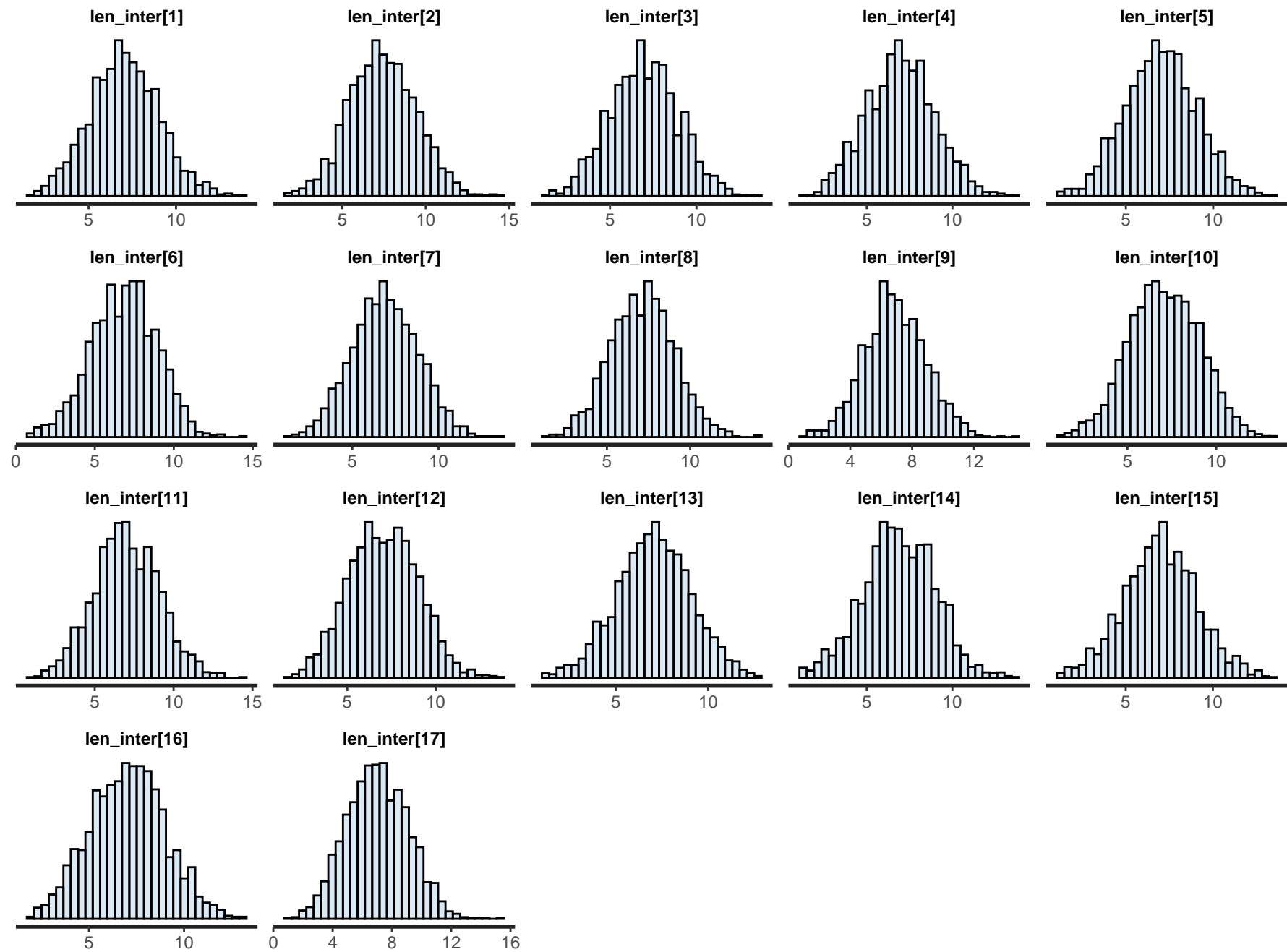




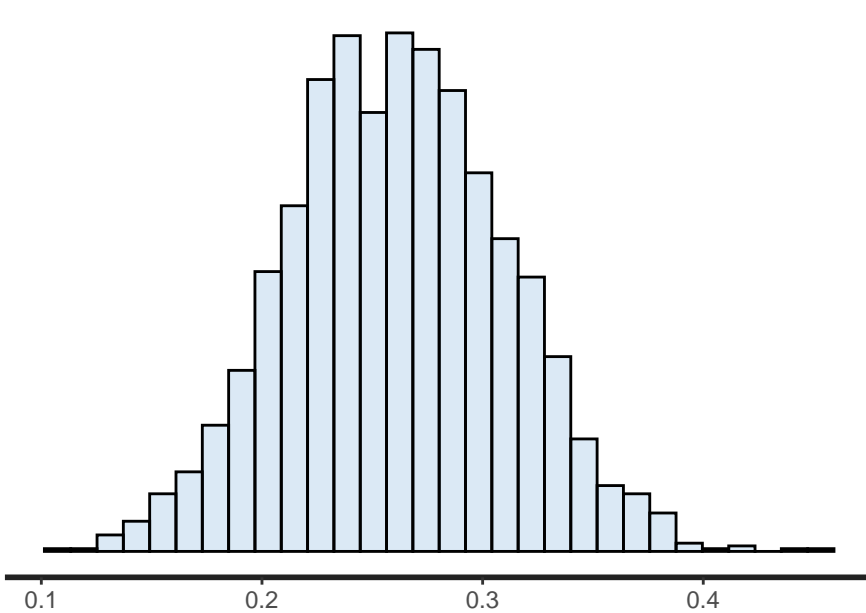


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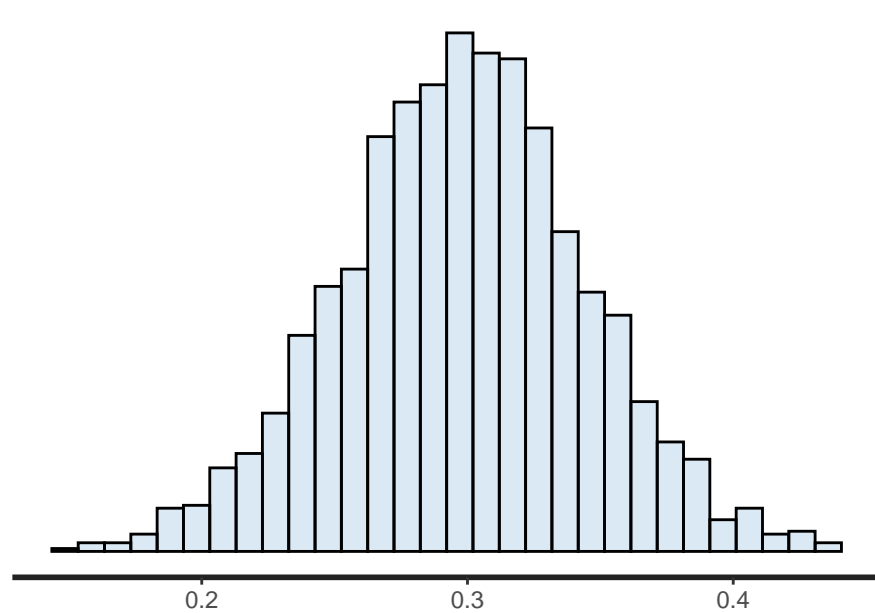




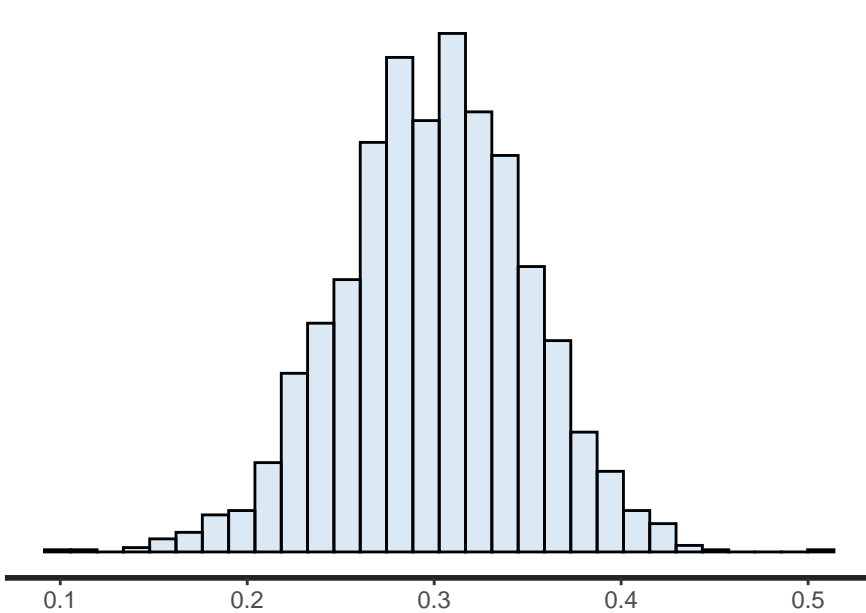
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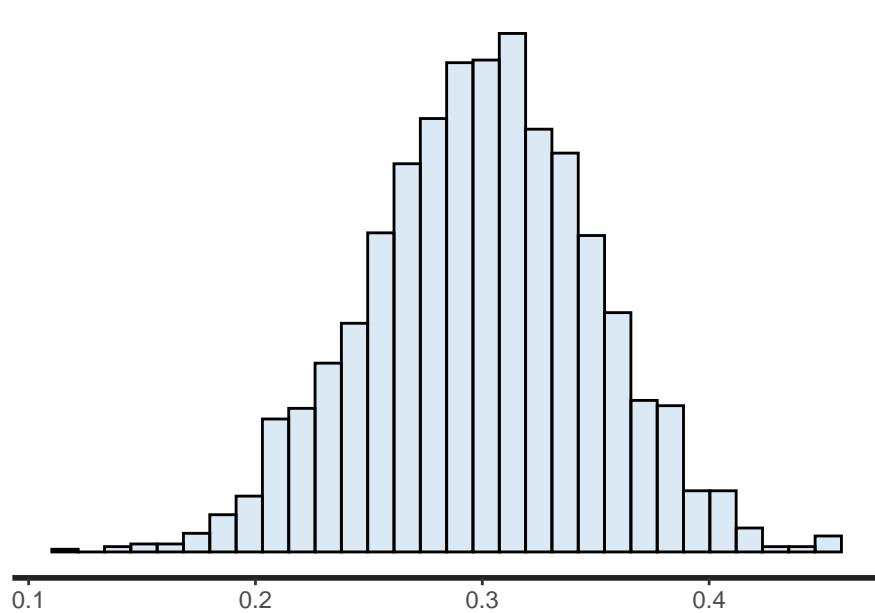
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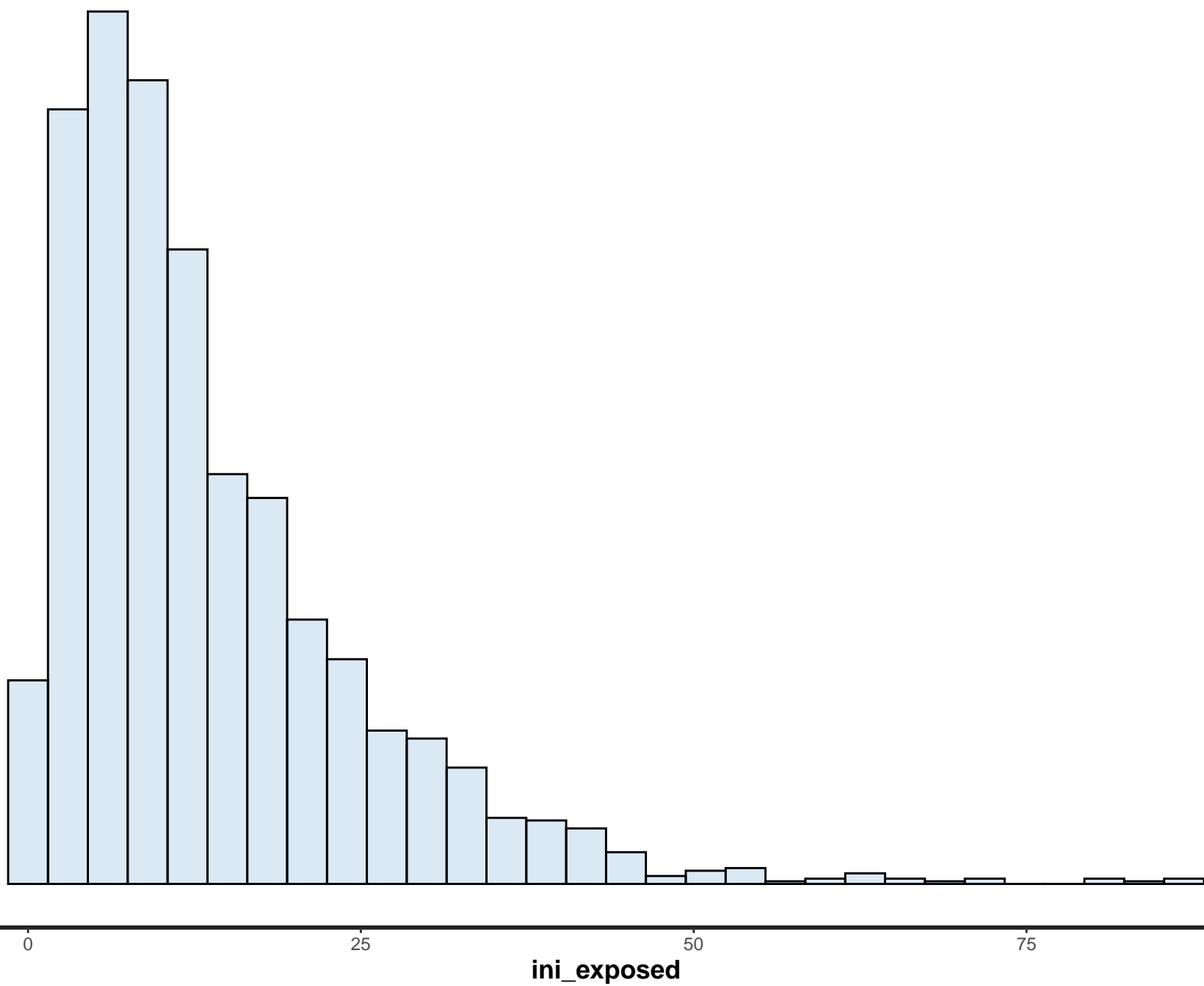


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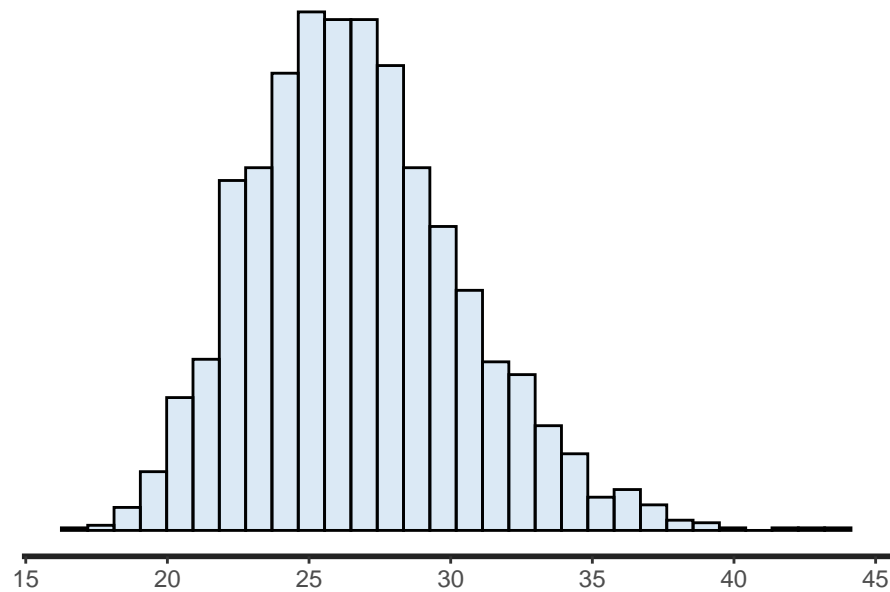


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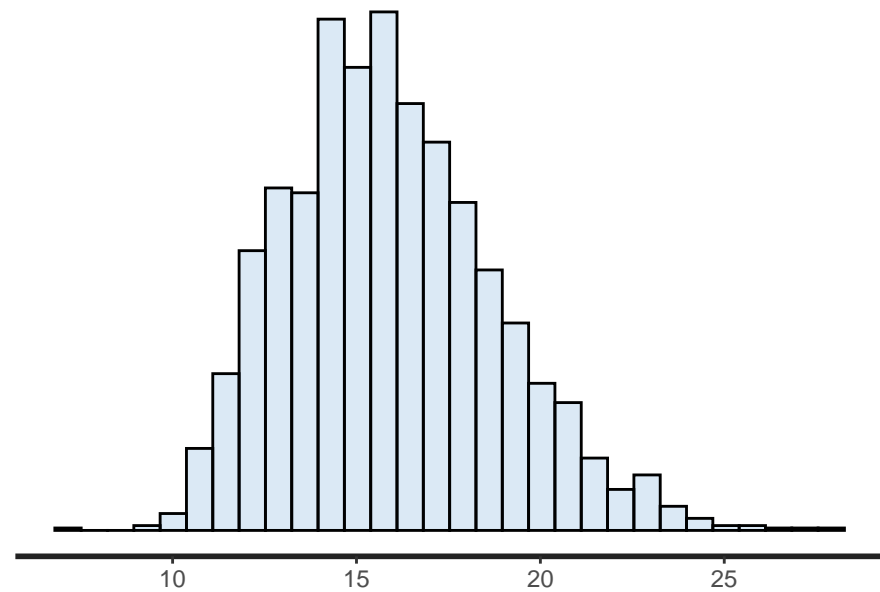




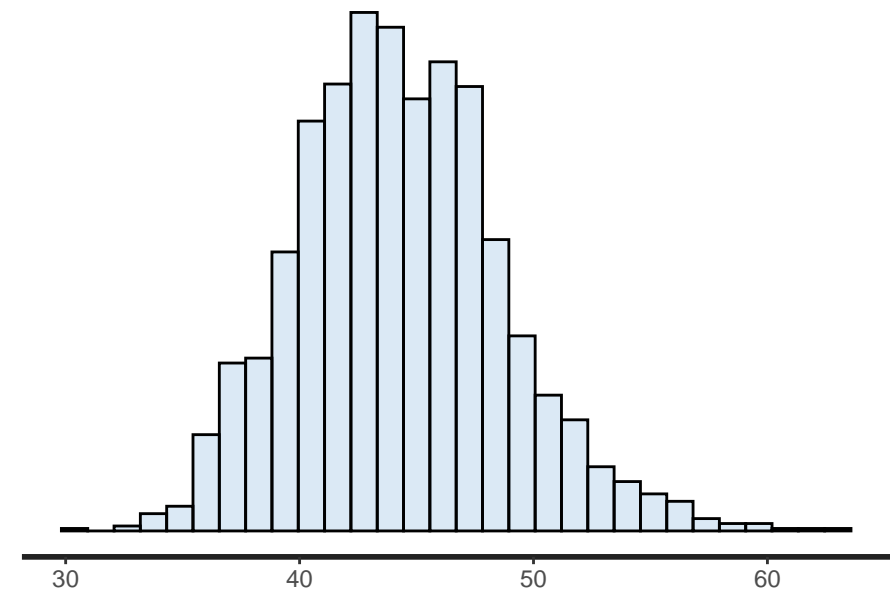
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

