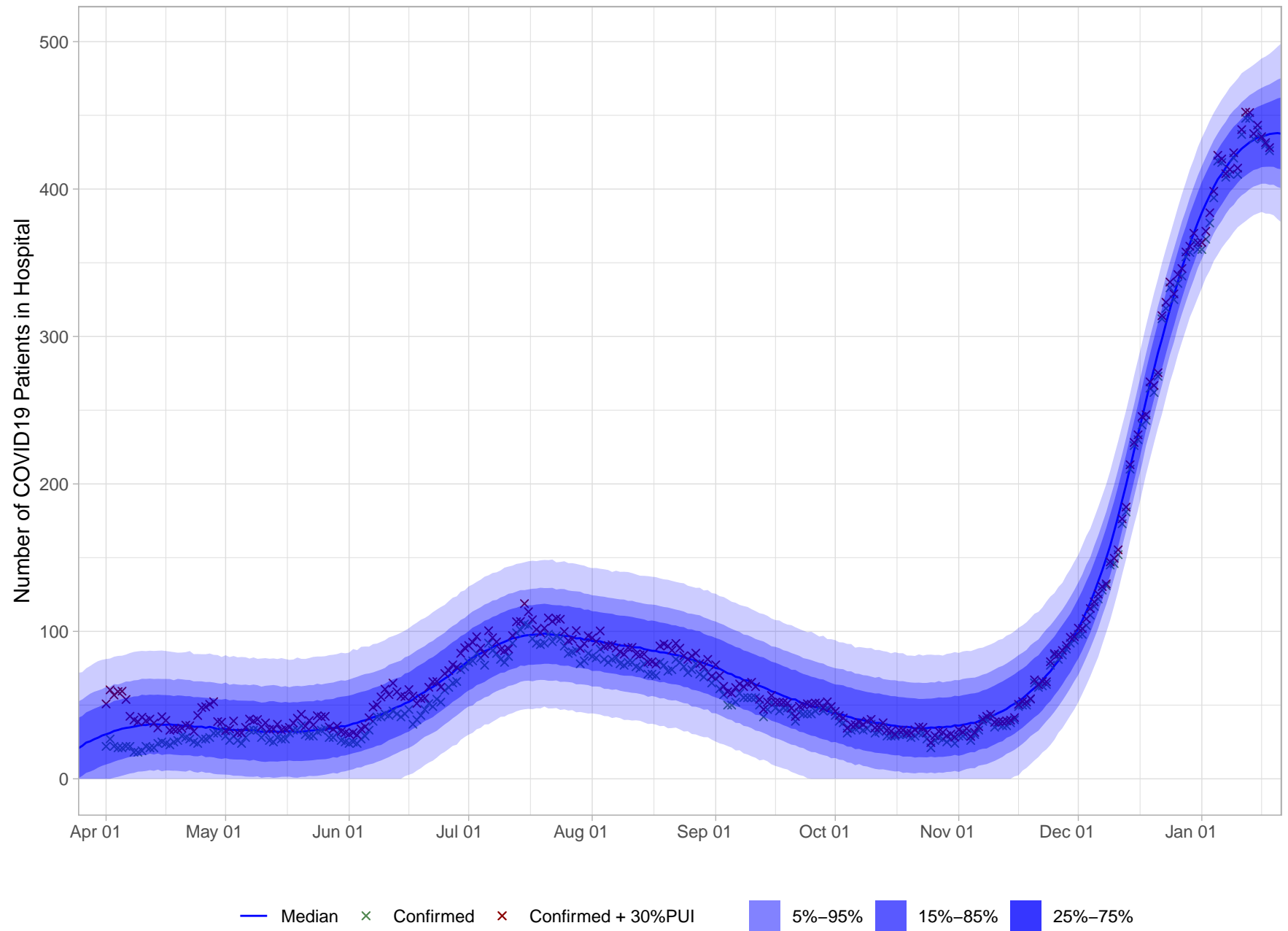
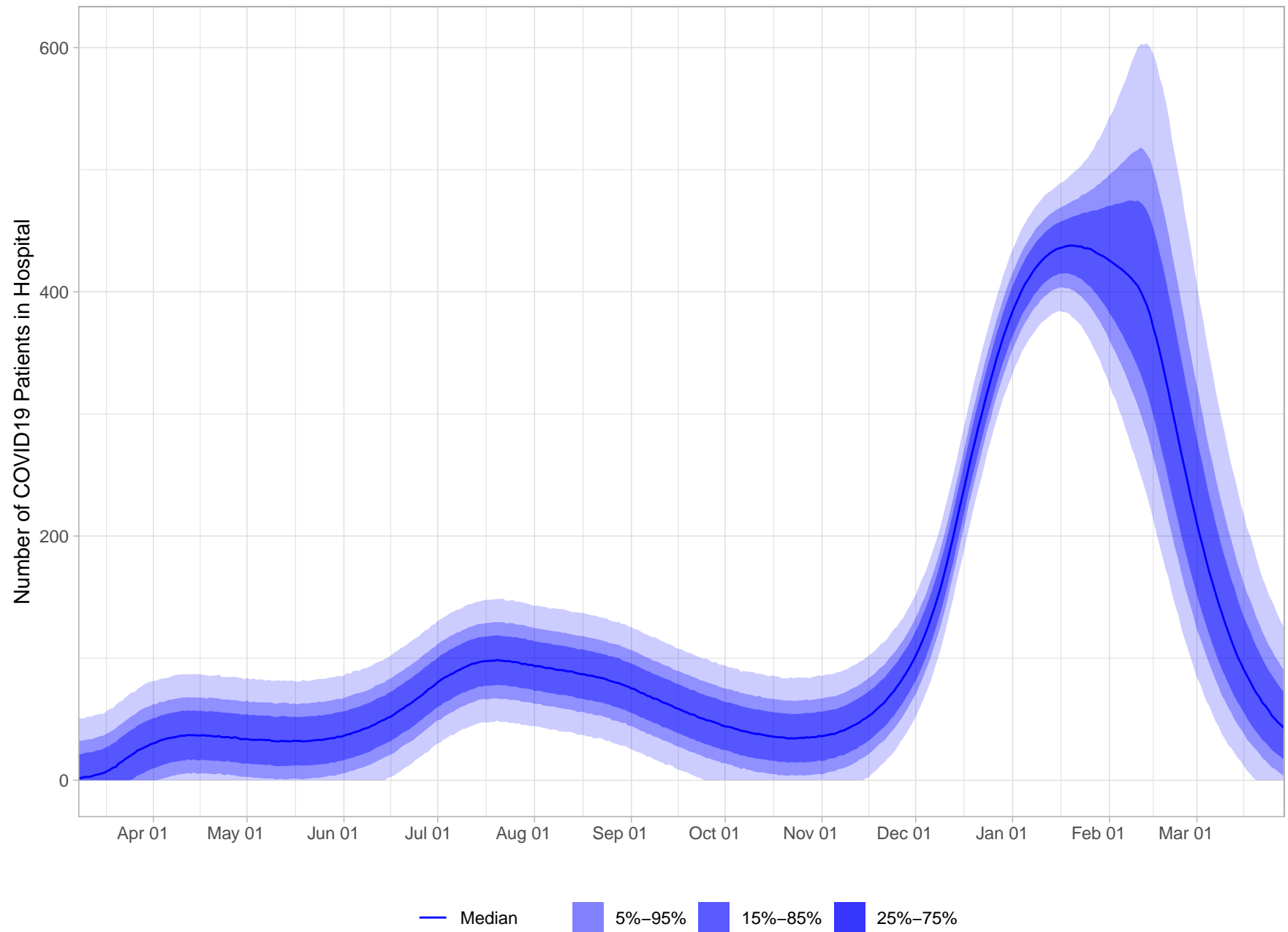


# Short Term Hospitalization Projection

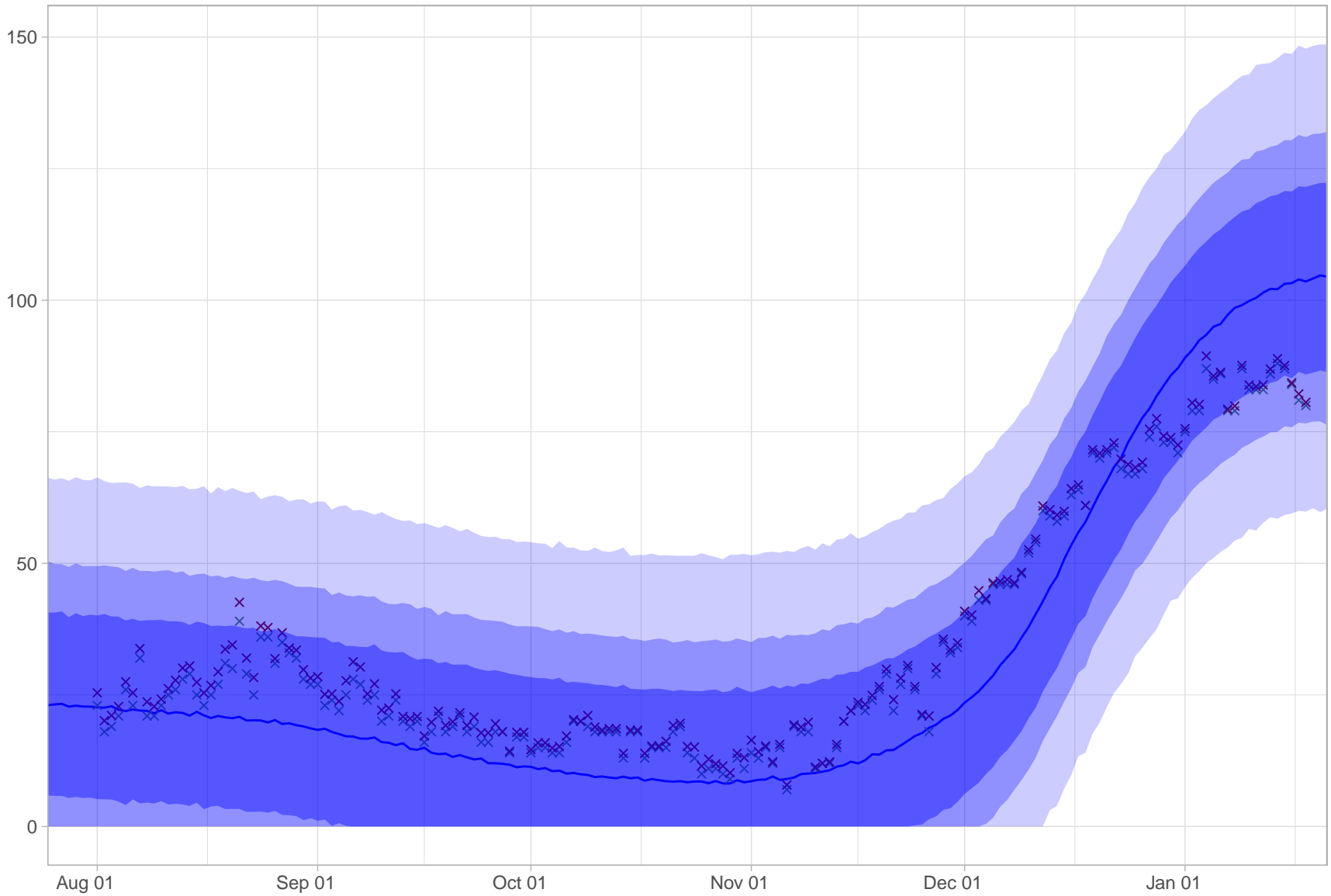


# Long Term Hospitalization Projection



# Short Term ICU Projection

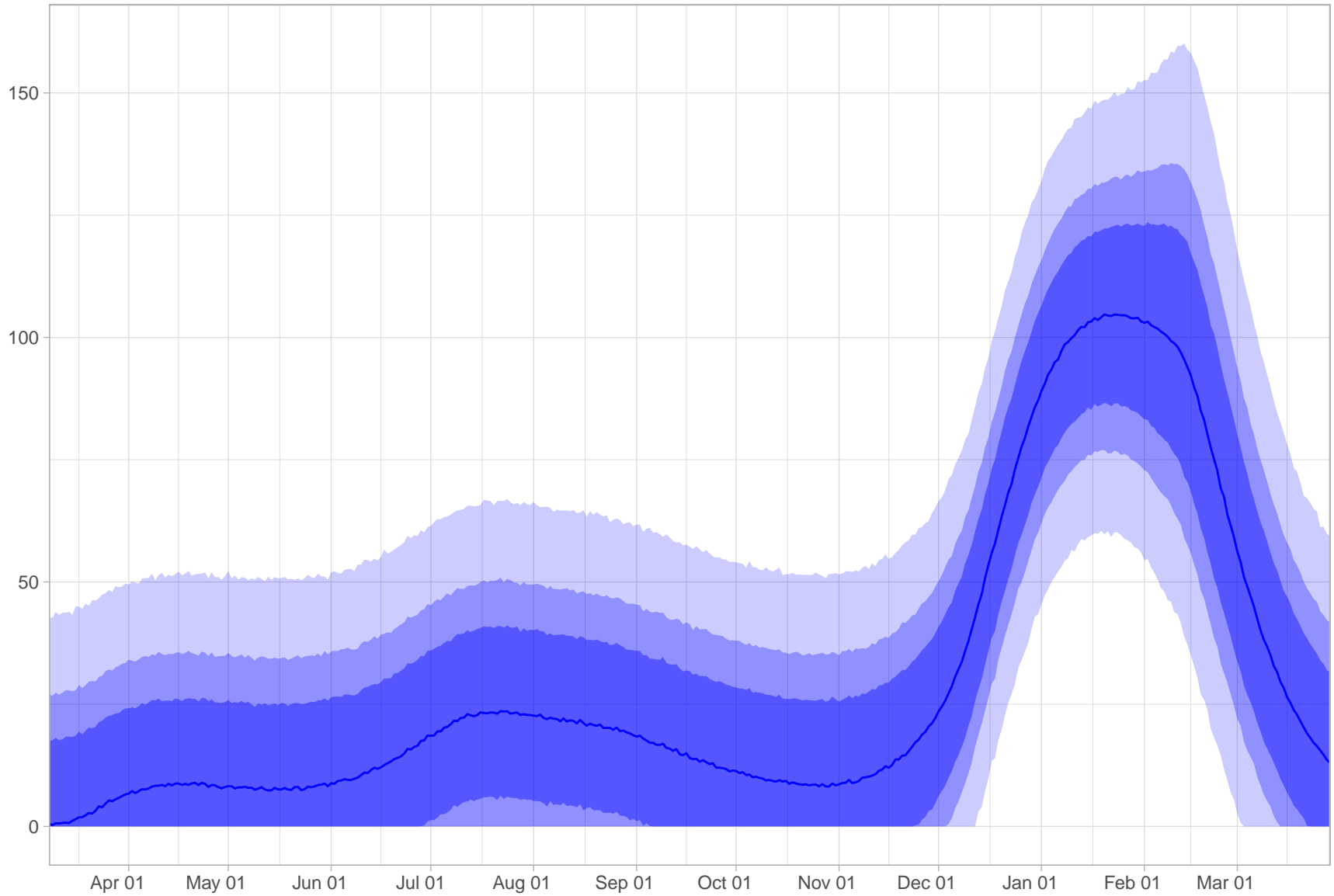
Number of COVID19 Patients in ICU



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

# Long Term ICU Projection

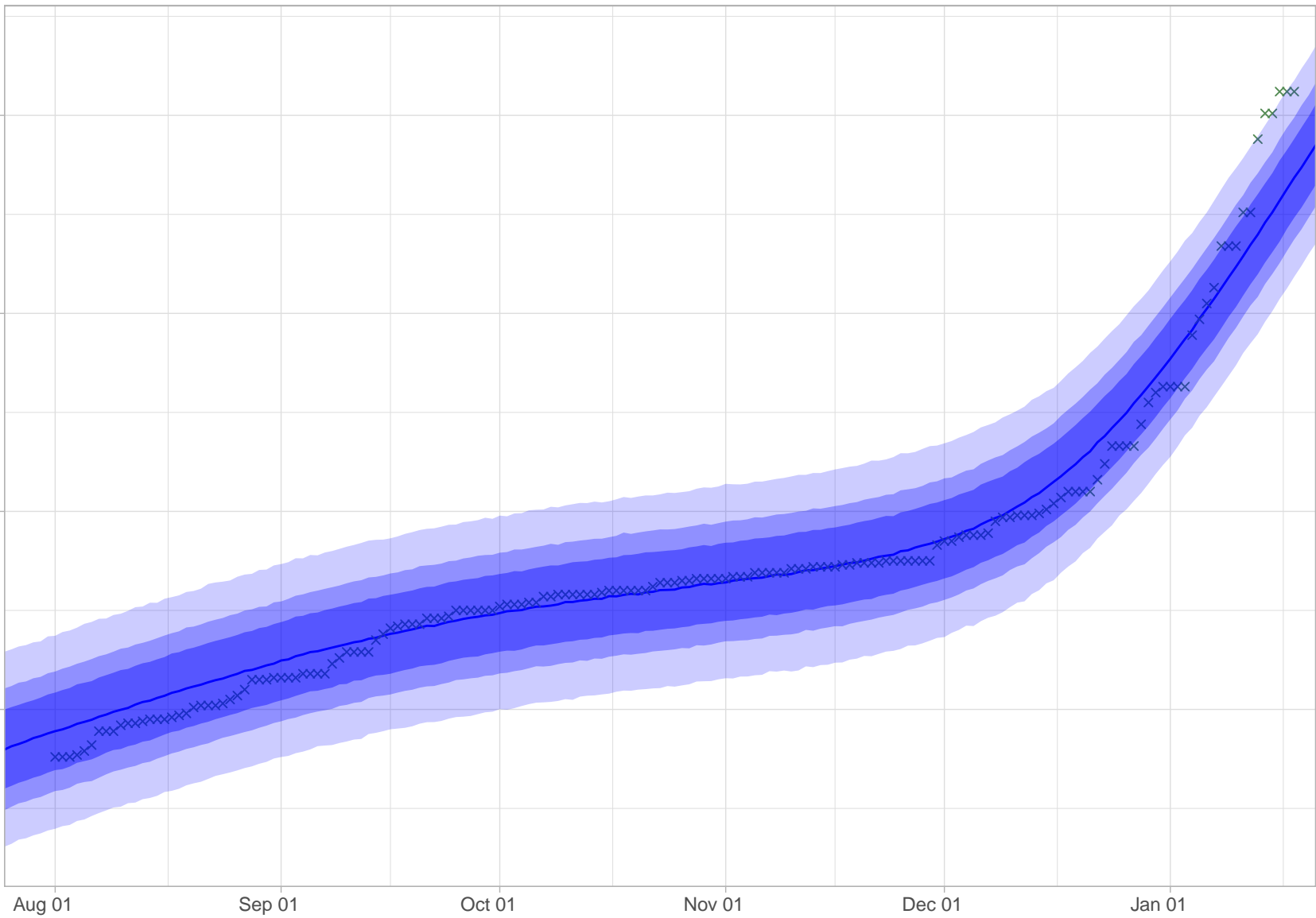
Number of COVID19 Patients in ICU



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

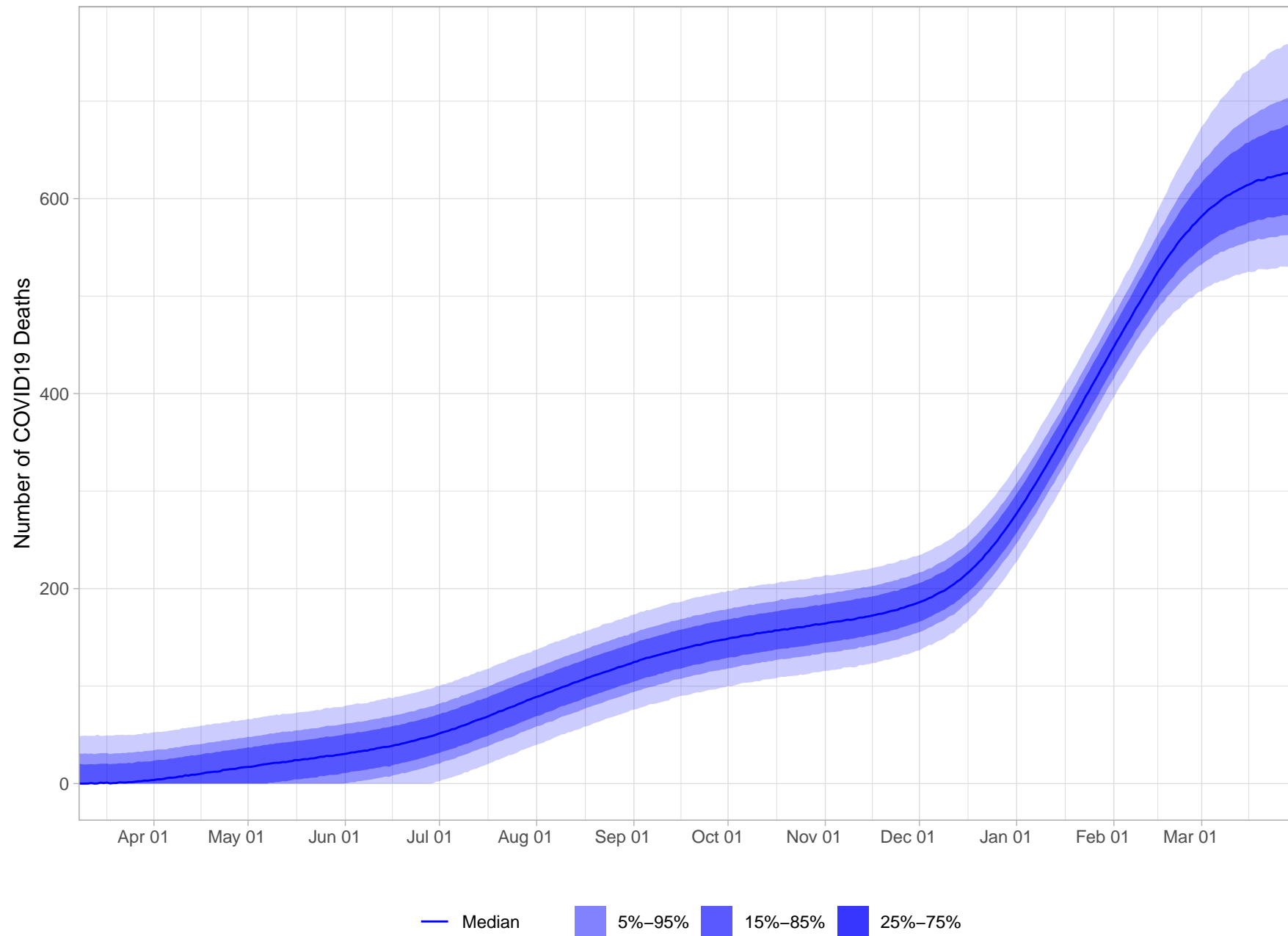
# Short Term Death Projection

Number of COVID19 Deaths

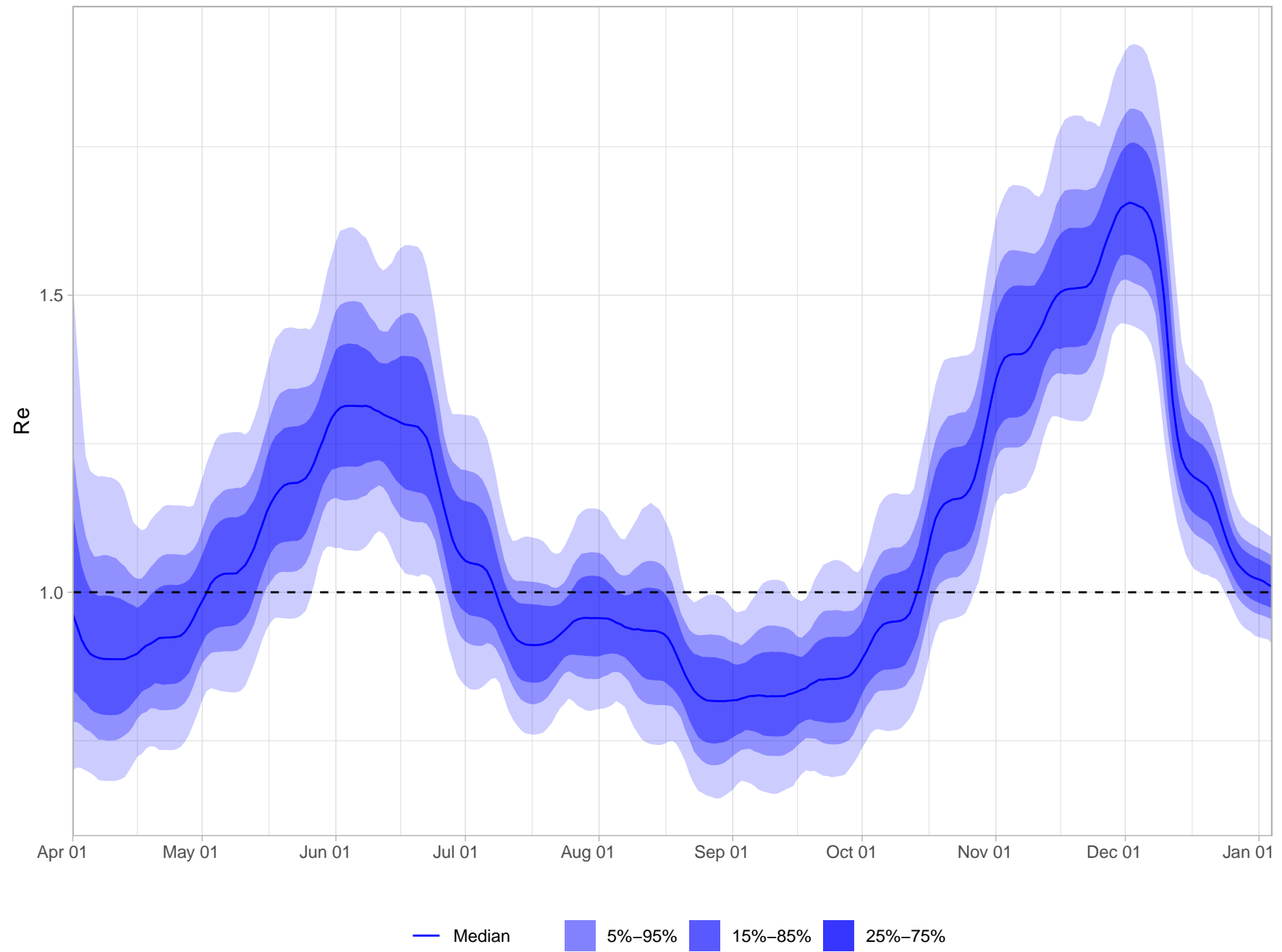


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

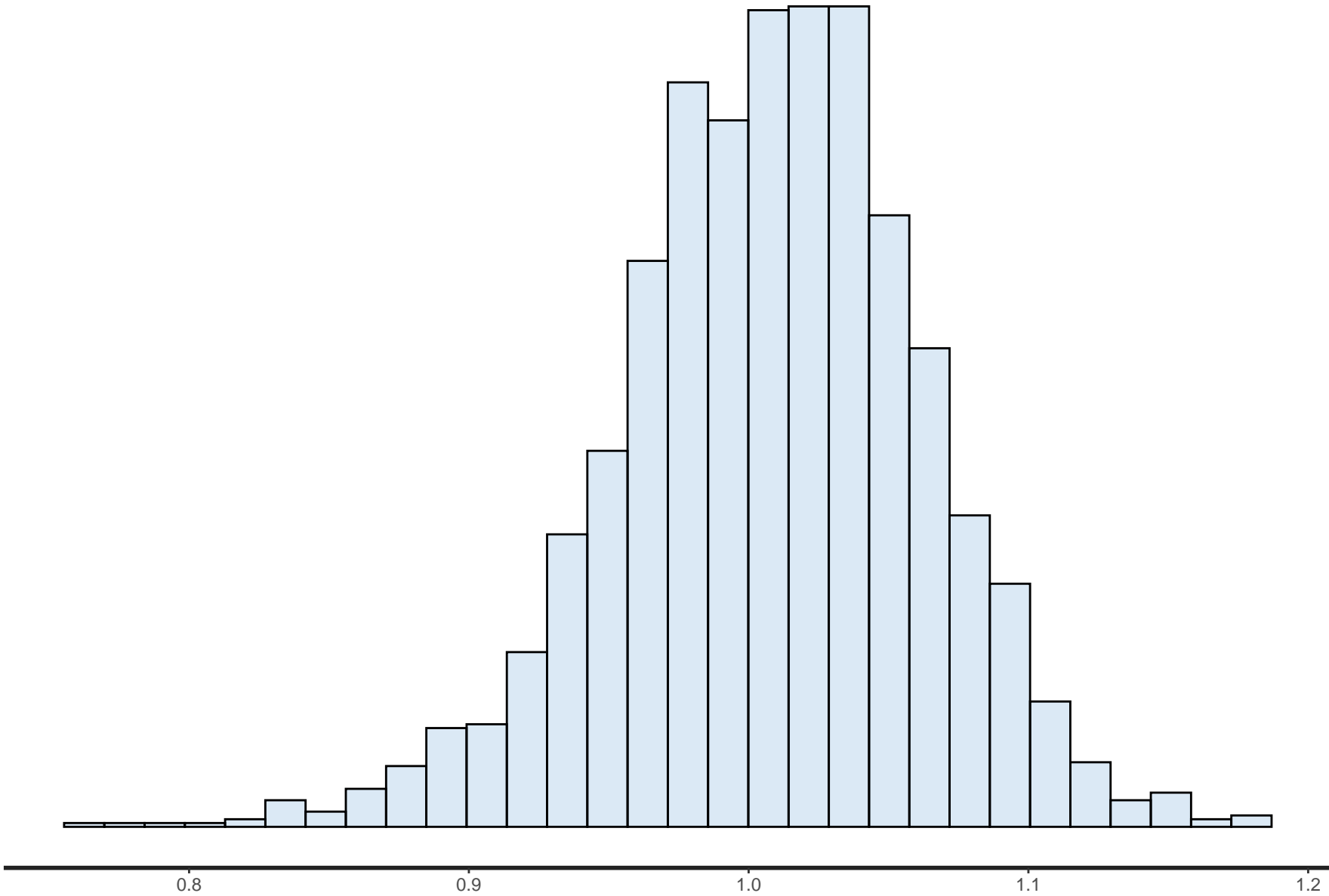


Effective Reproduction Number

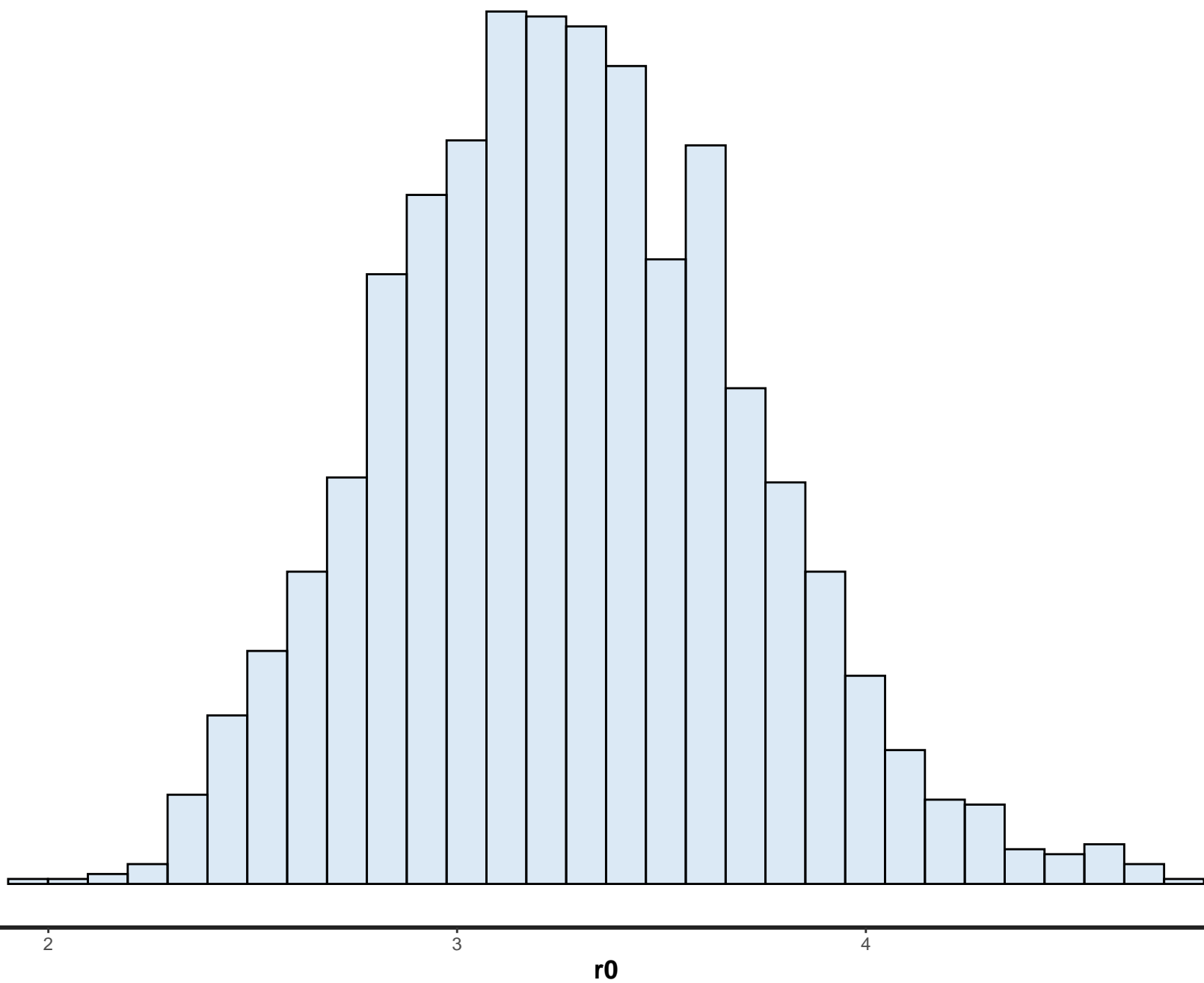


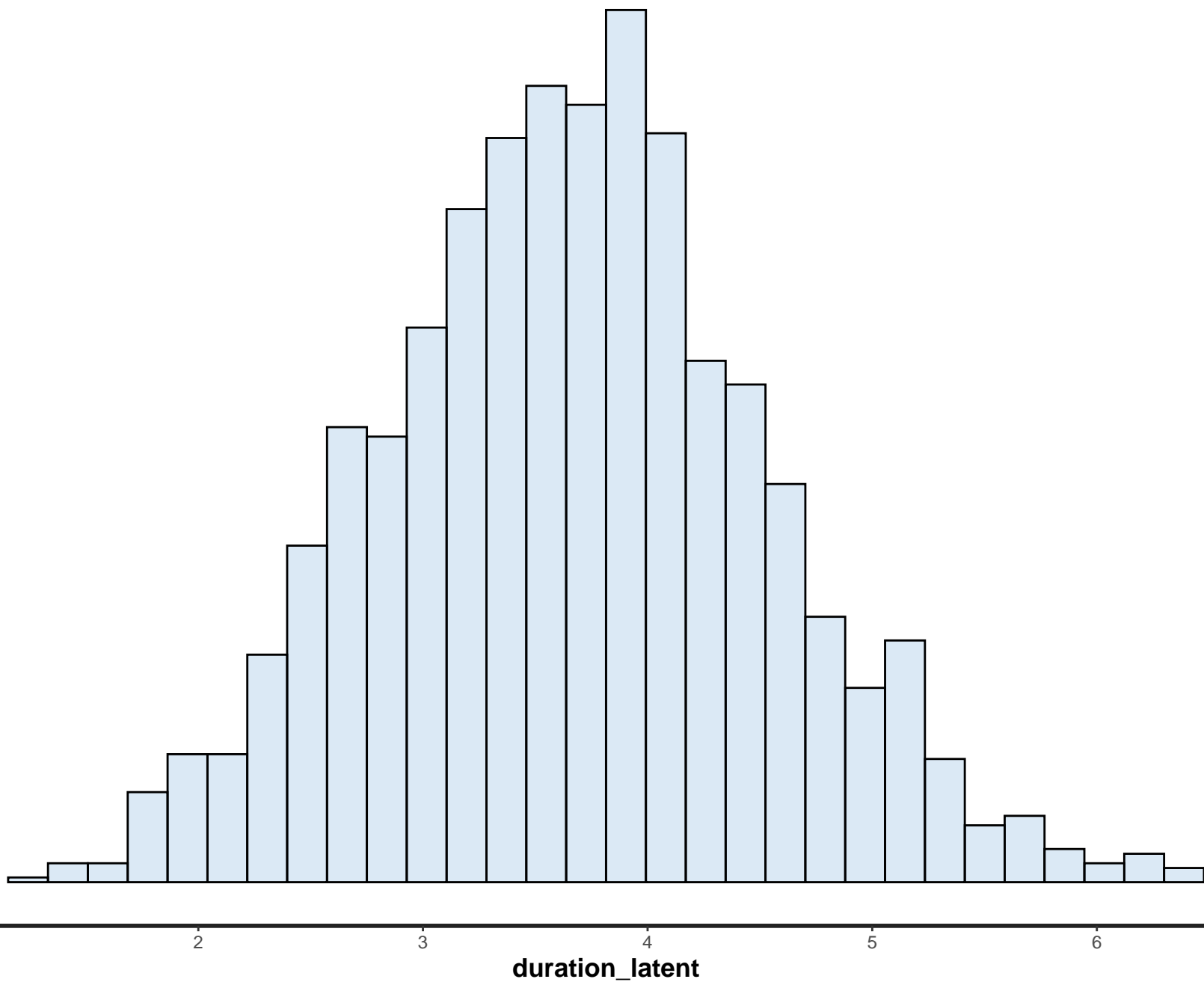
# Rt as of 2021-01-04

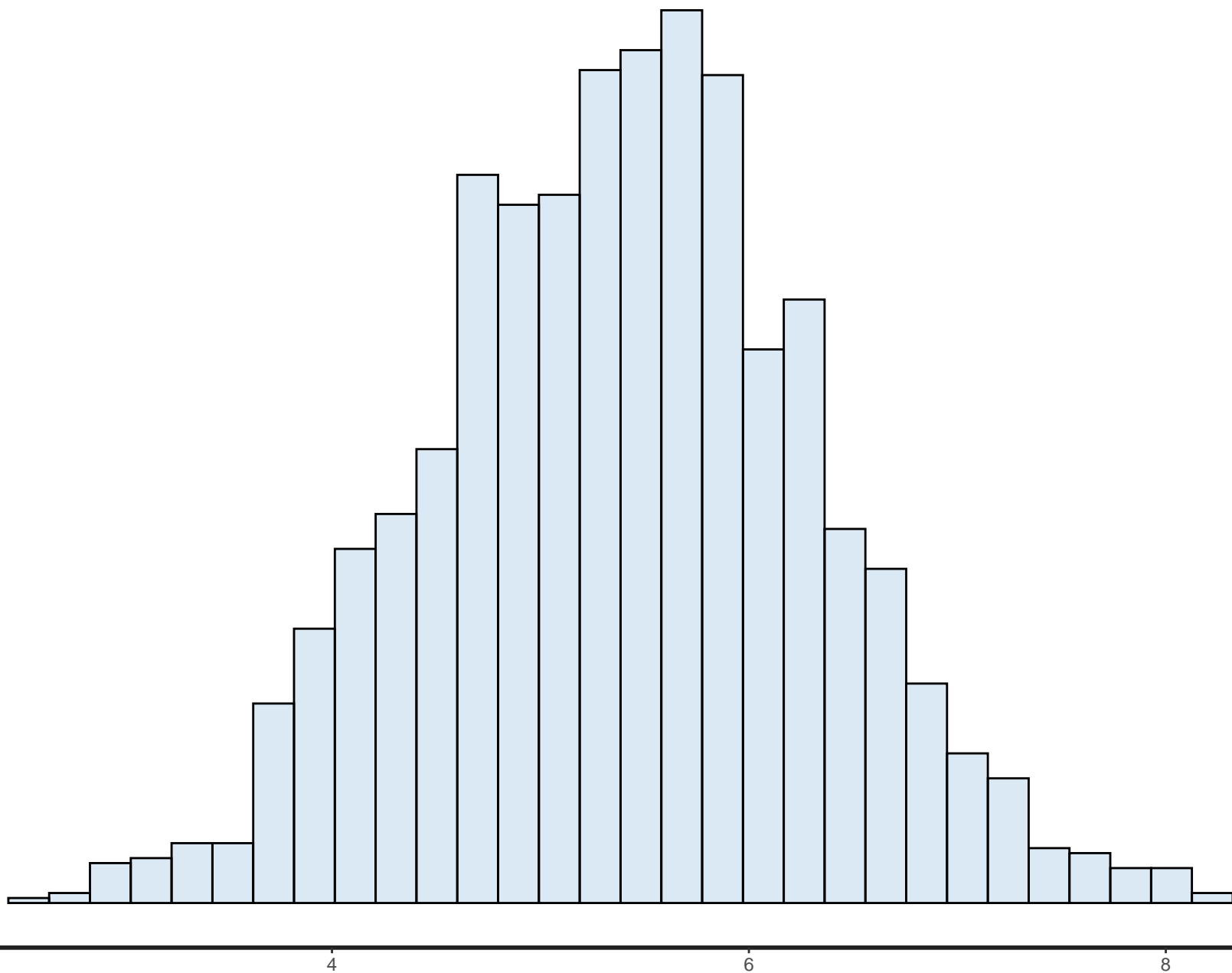
5% 10% 25% 50% 75% 90% 95%  
0.91 0.94 0.97 1.01 1.04 1.08 1.09

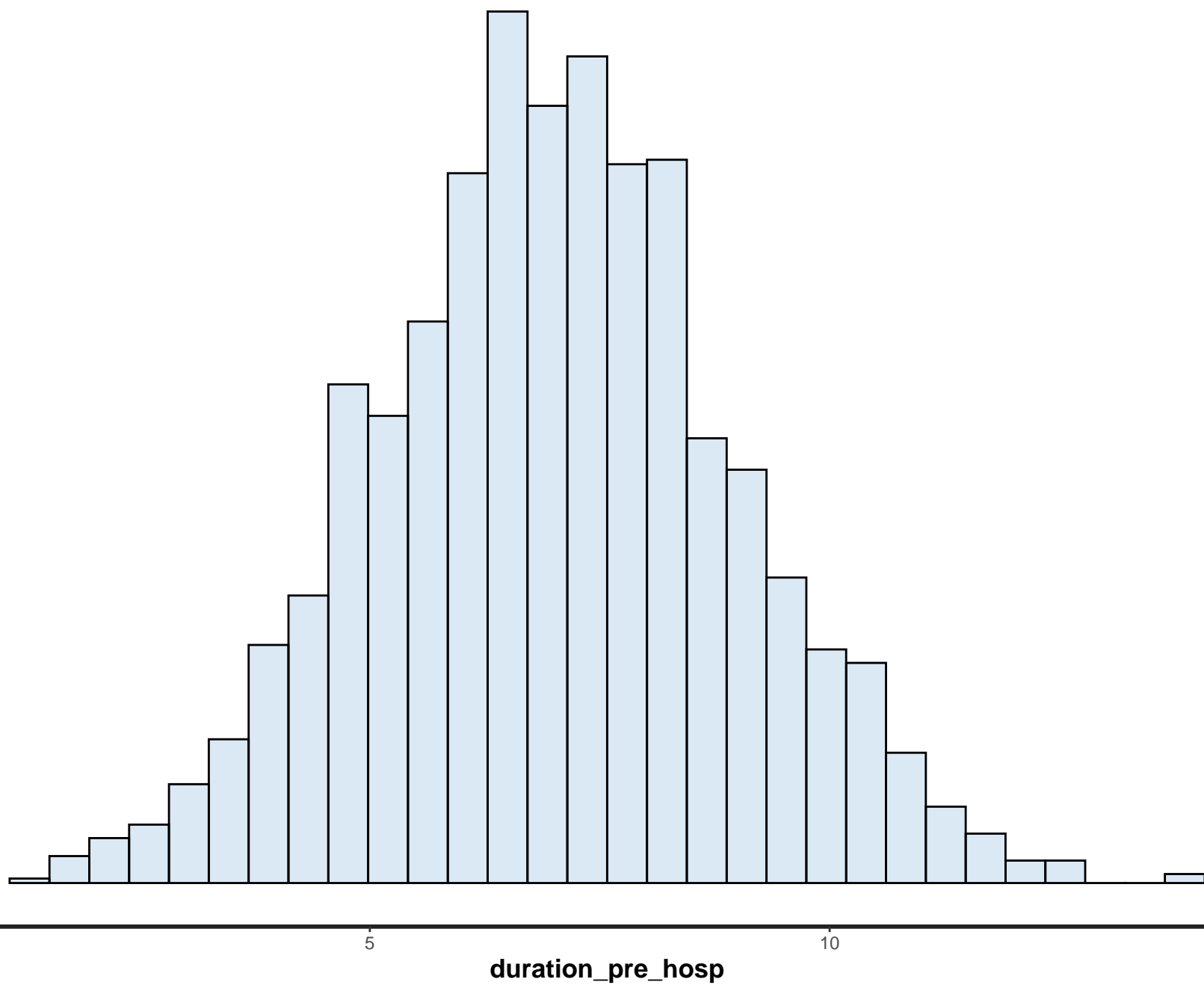


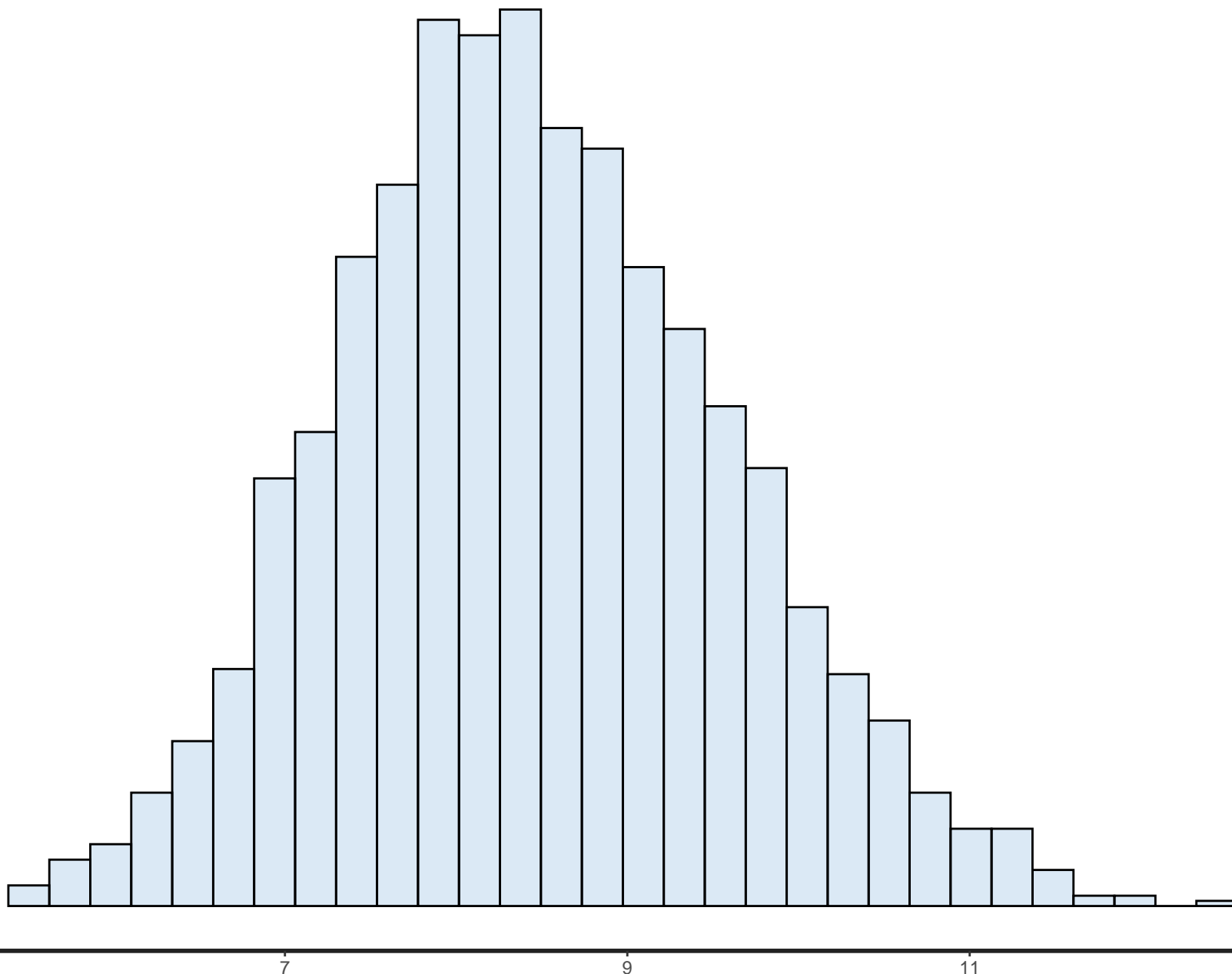


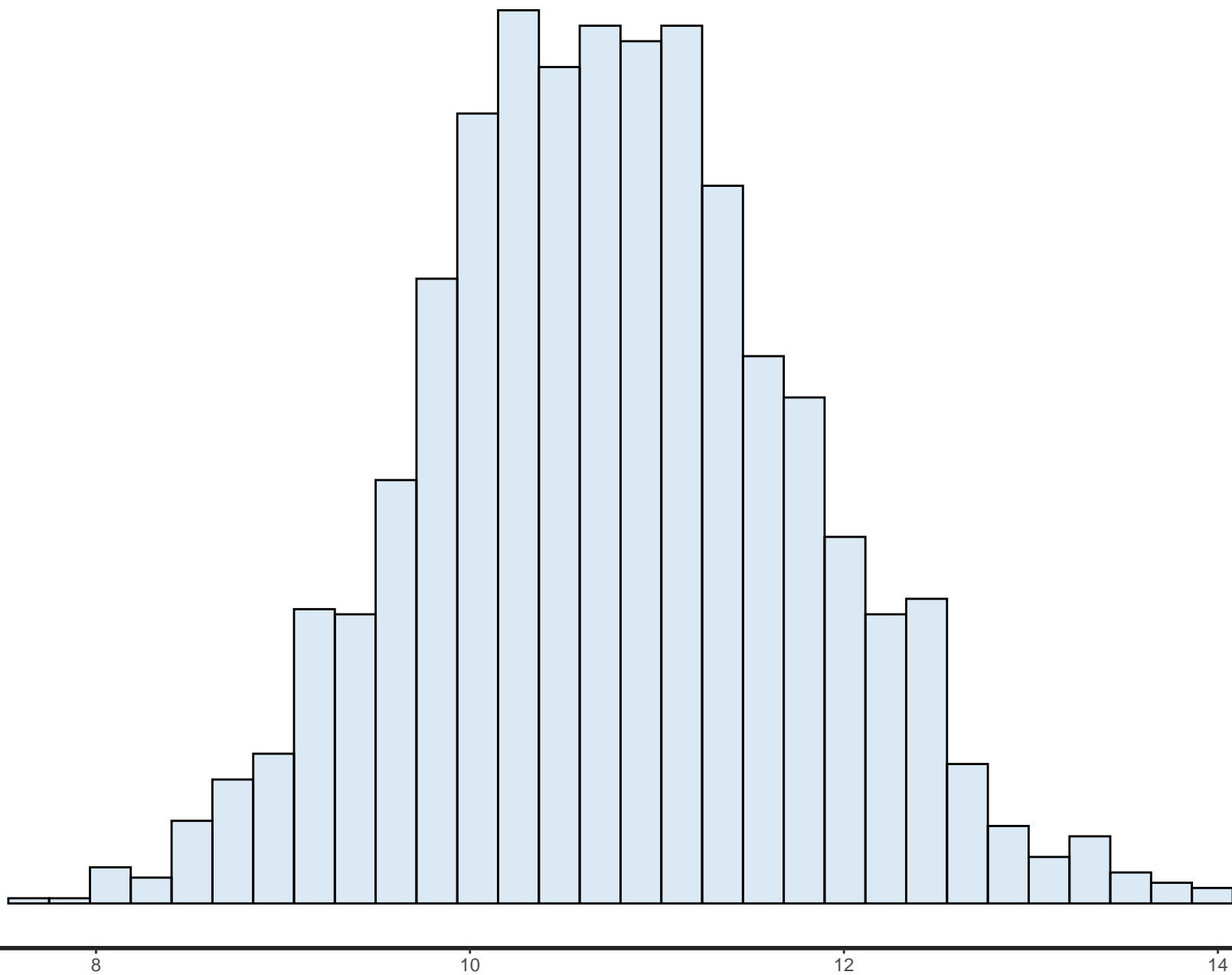


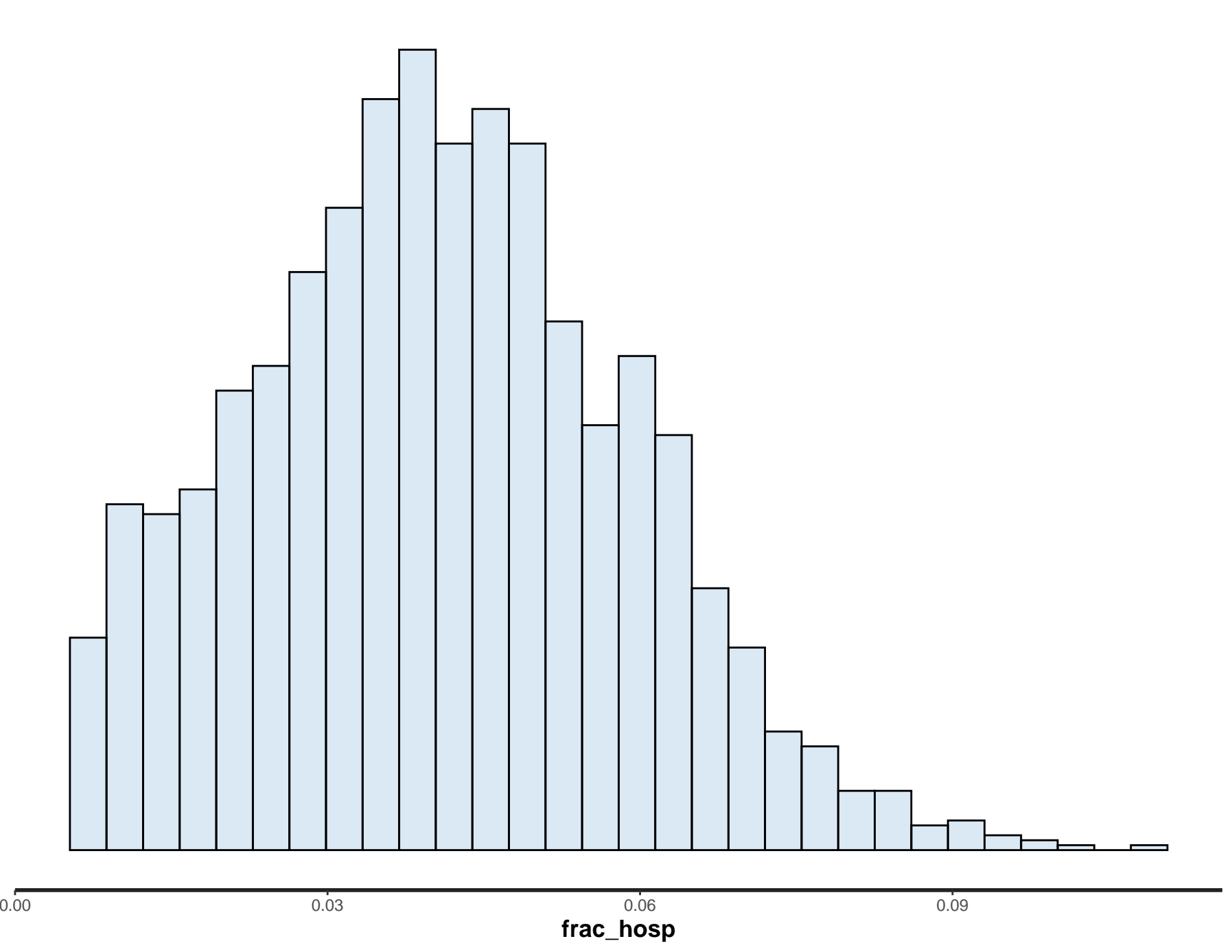


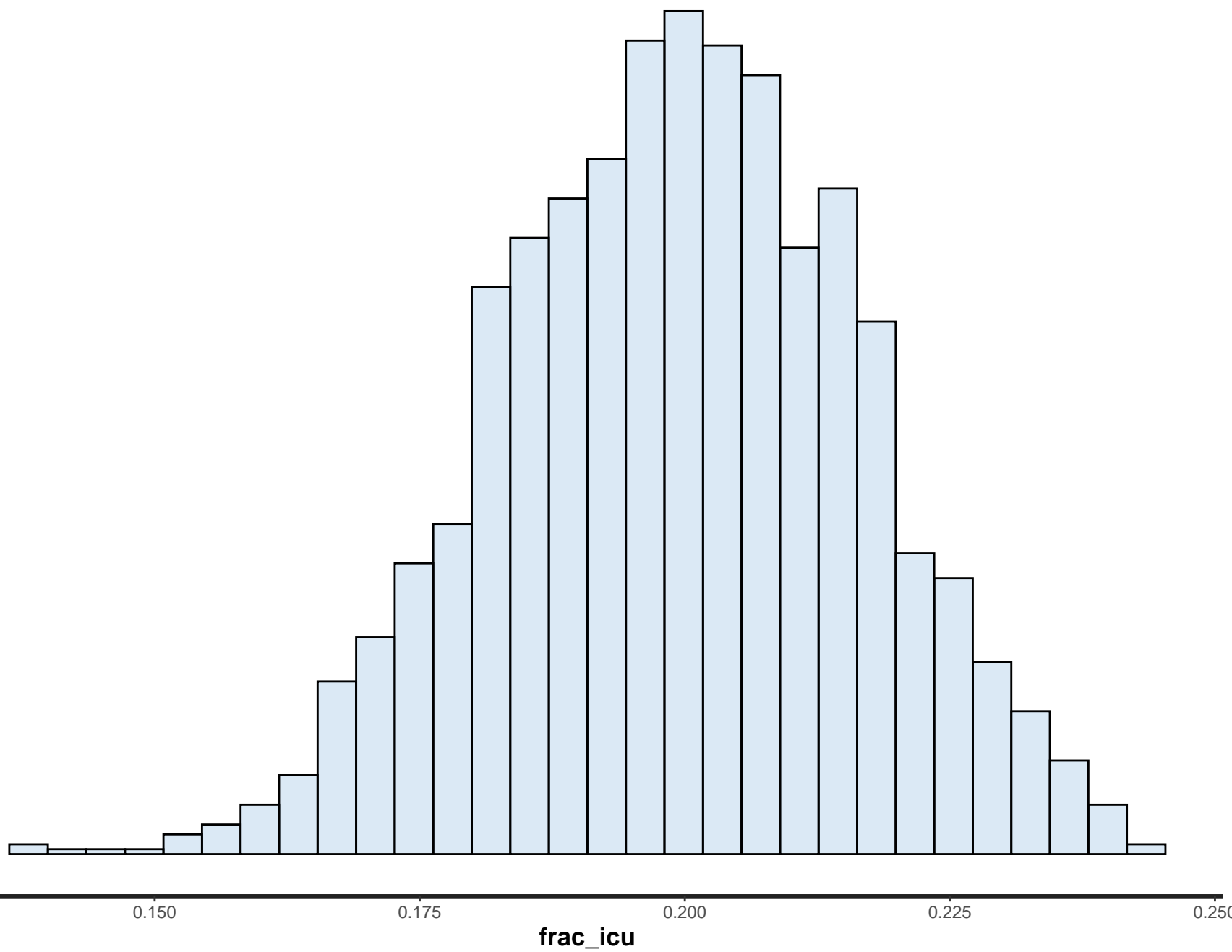




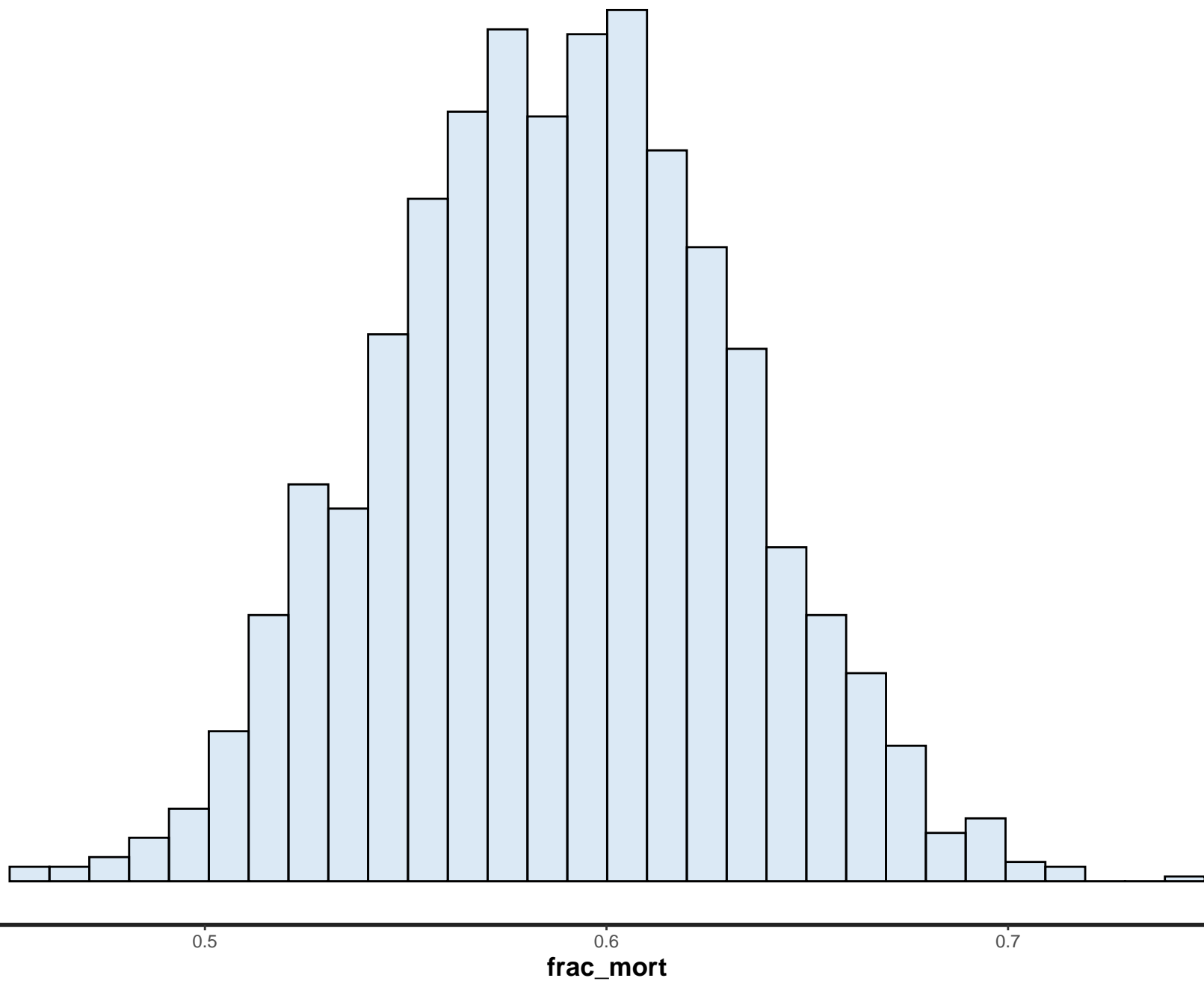




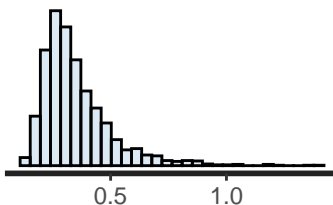




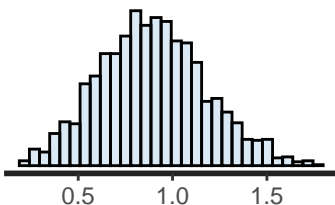




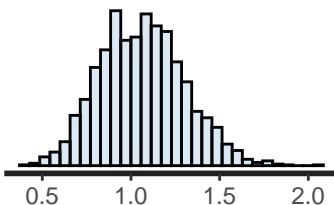
beta\_multiplier[1]



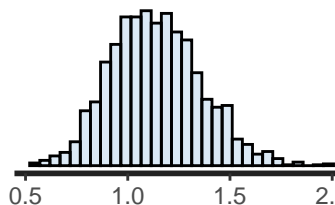
beta\_multiplier[2]



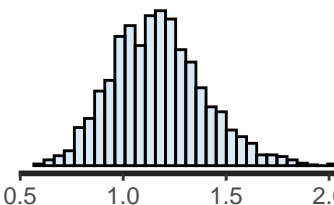
beta\_multiplier[3]



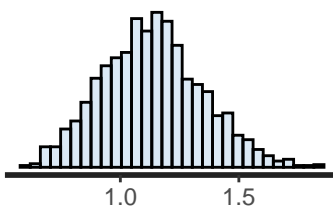
beta\_multiplier[4]



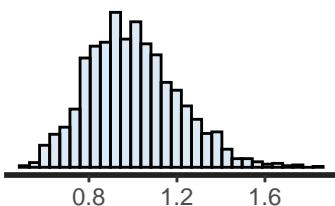
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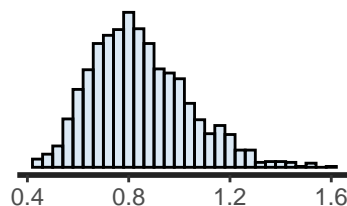
beta\_multiplier[6]



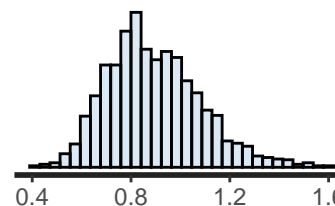
beta\_multiplier[7]



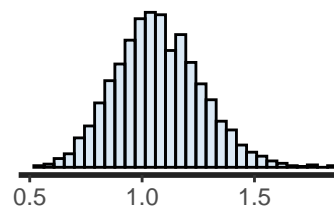
beta\_multiplier[8]



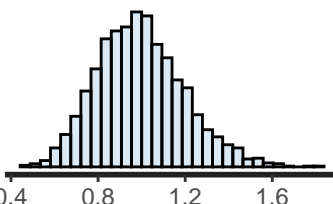
beta\_multiplier[9]



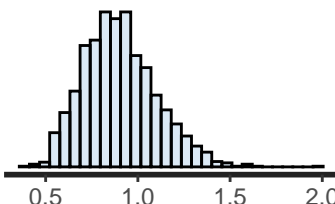
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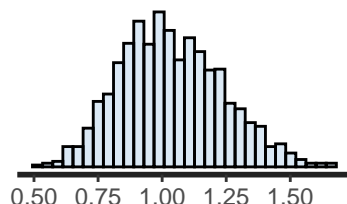
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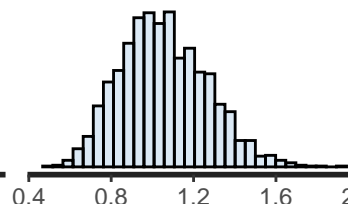
beta\_multiplier[12]



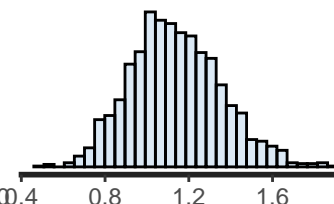
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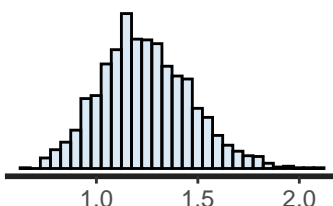
beta\_multiplier[14]



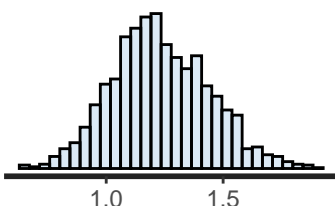
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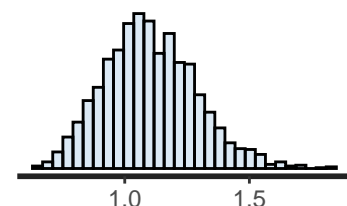
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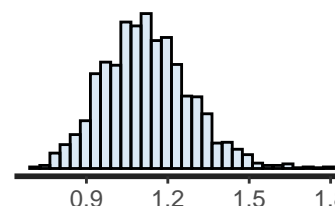
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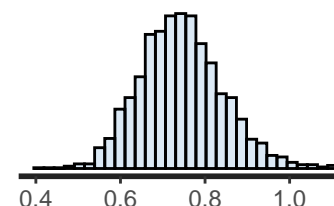
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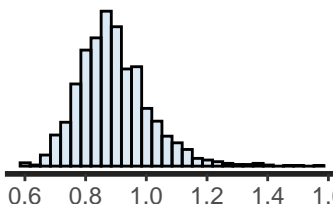
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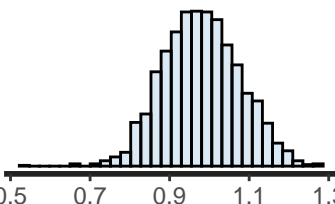
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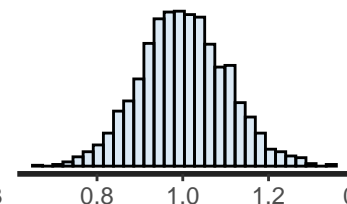
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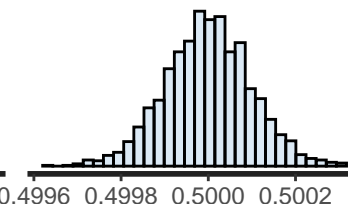
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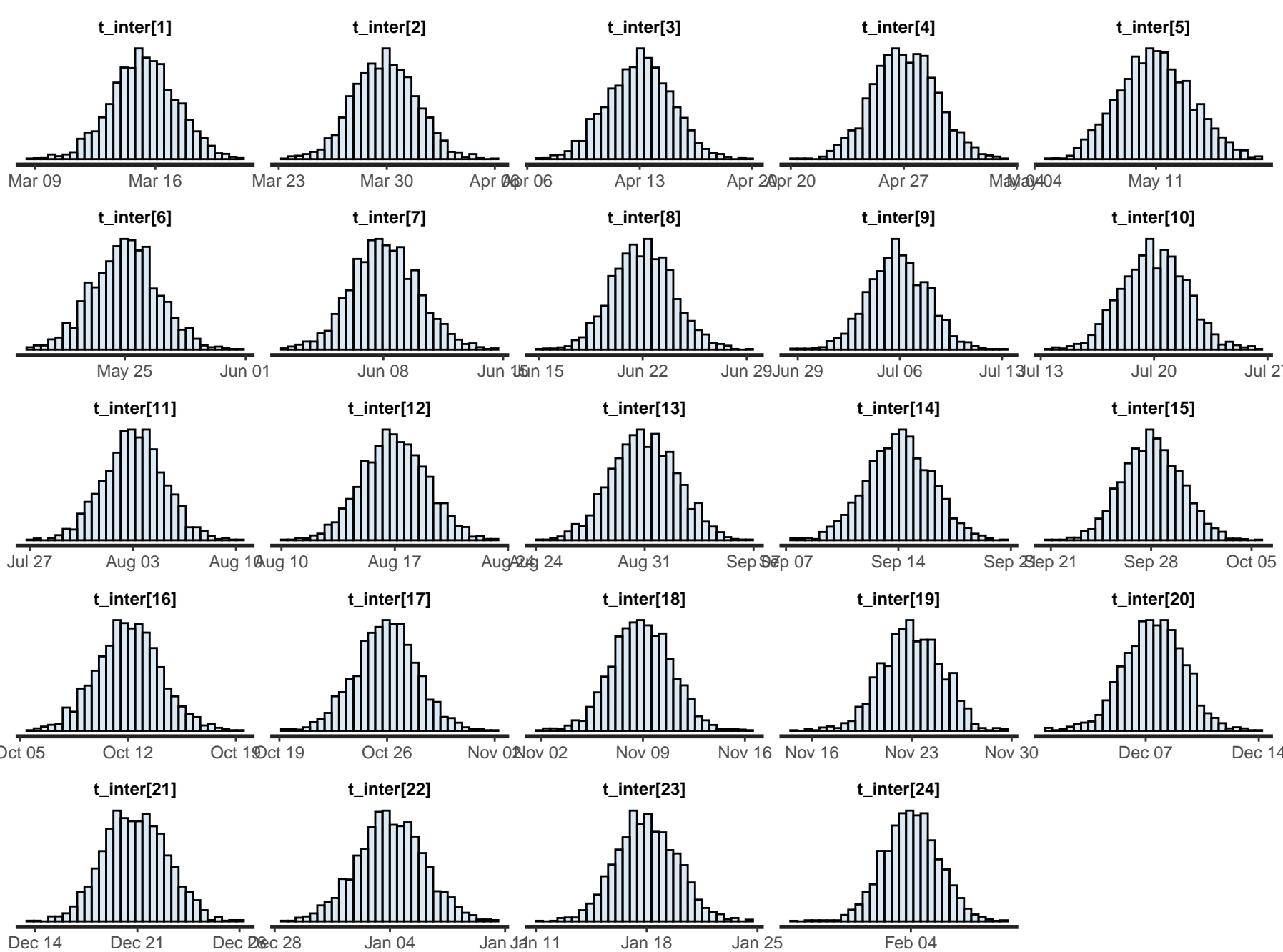


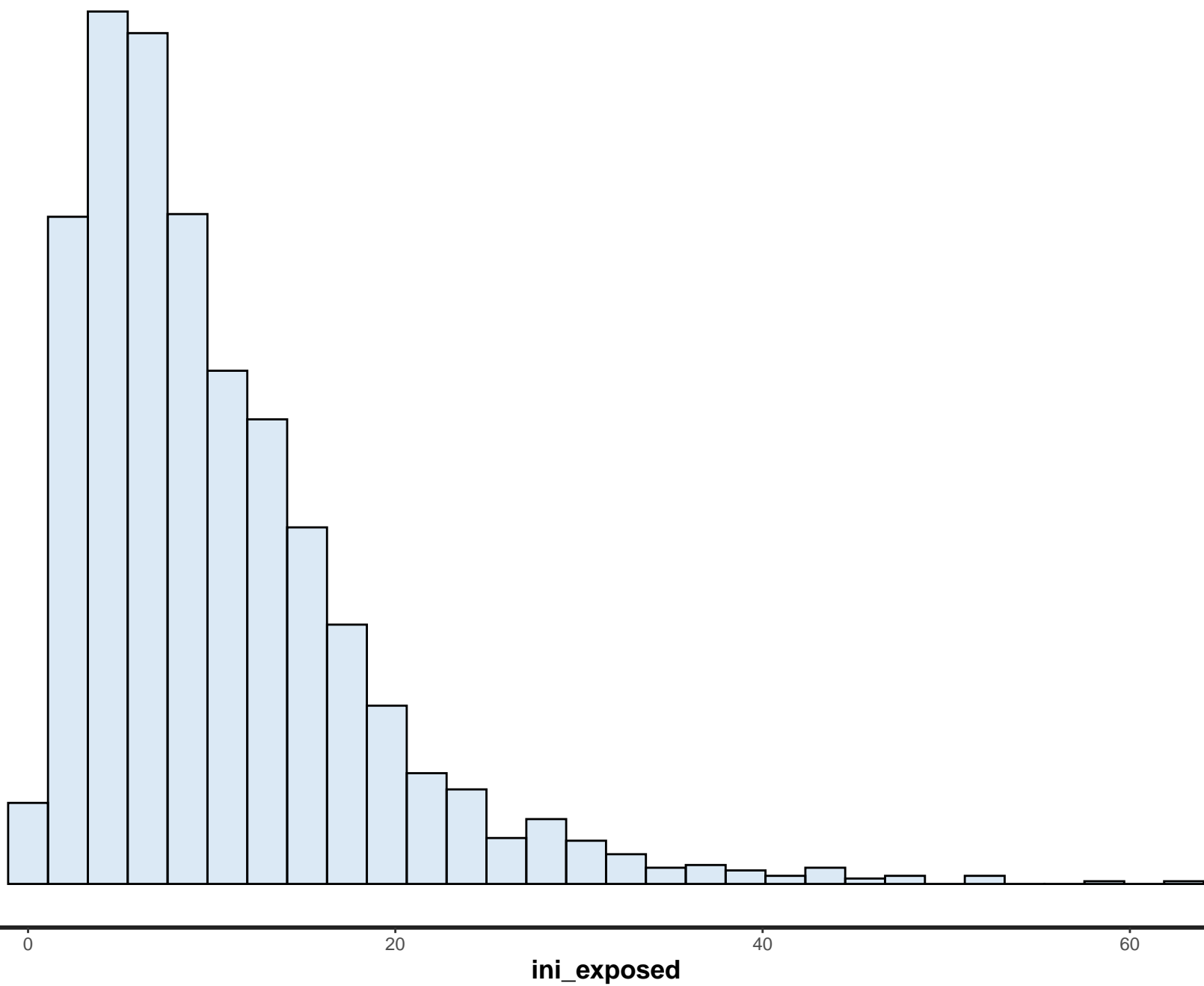
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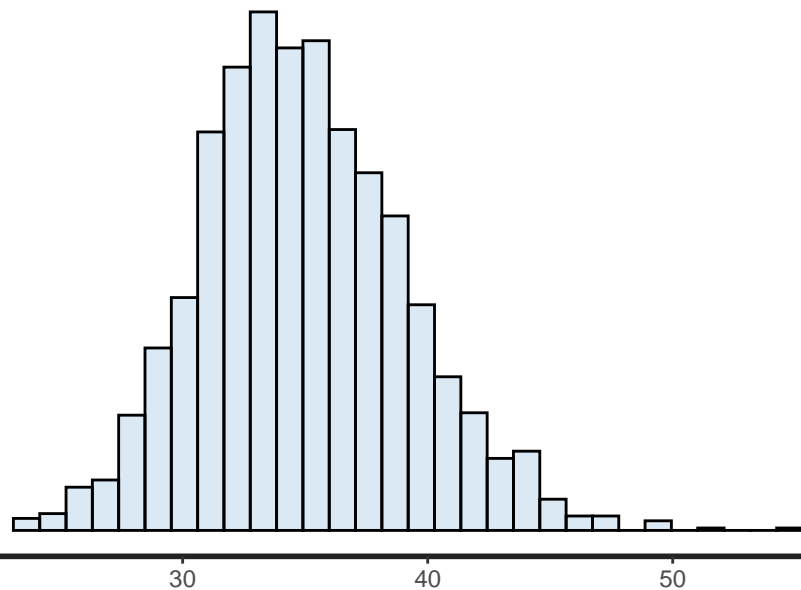
beta\_multiplier[24]



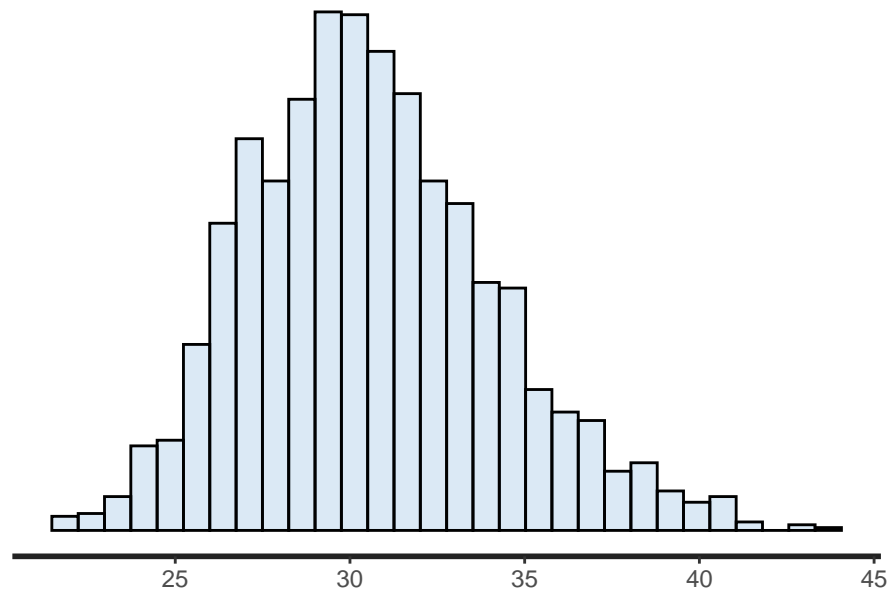




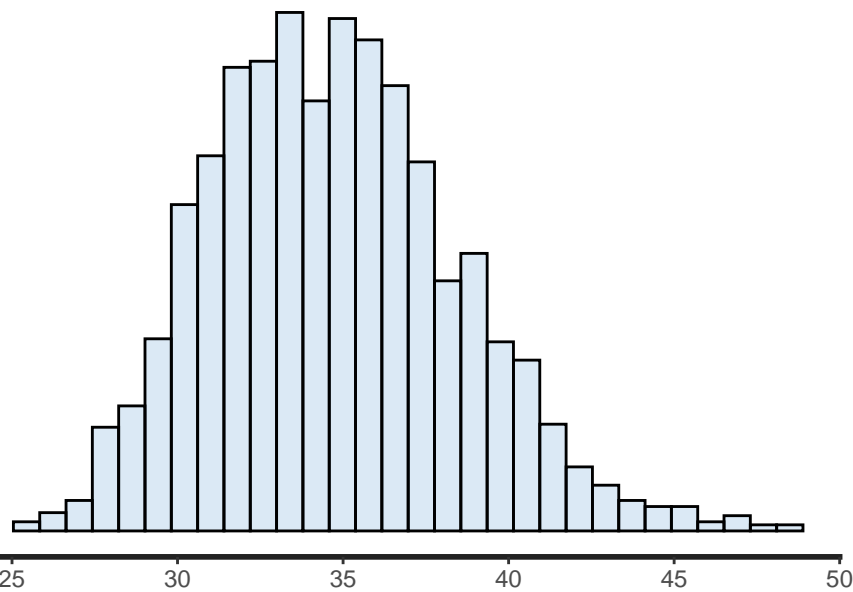
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

