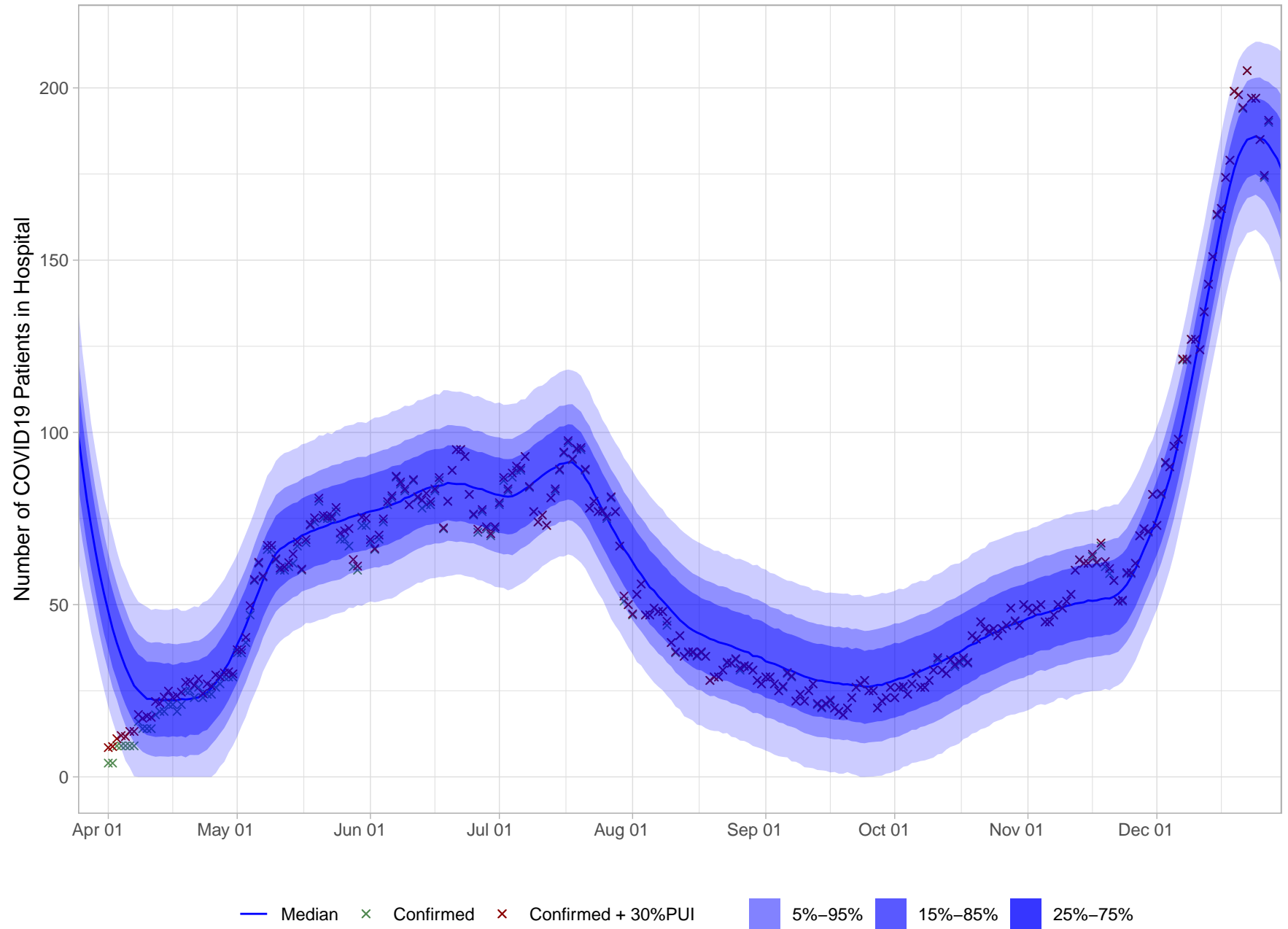
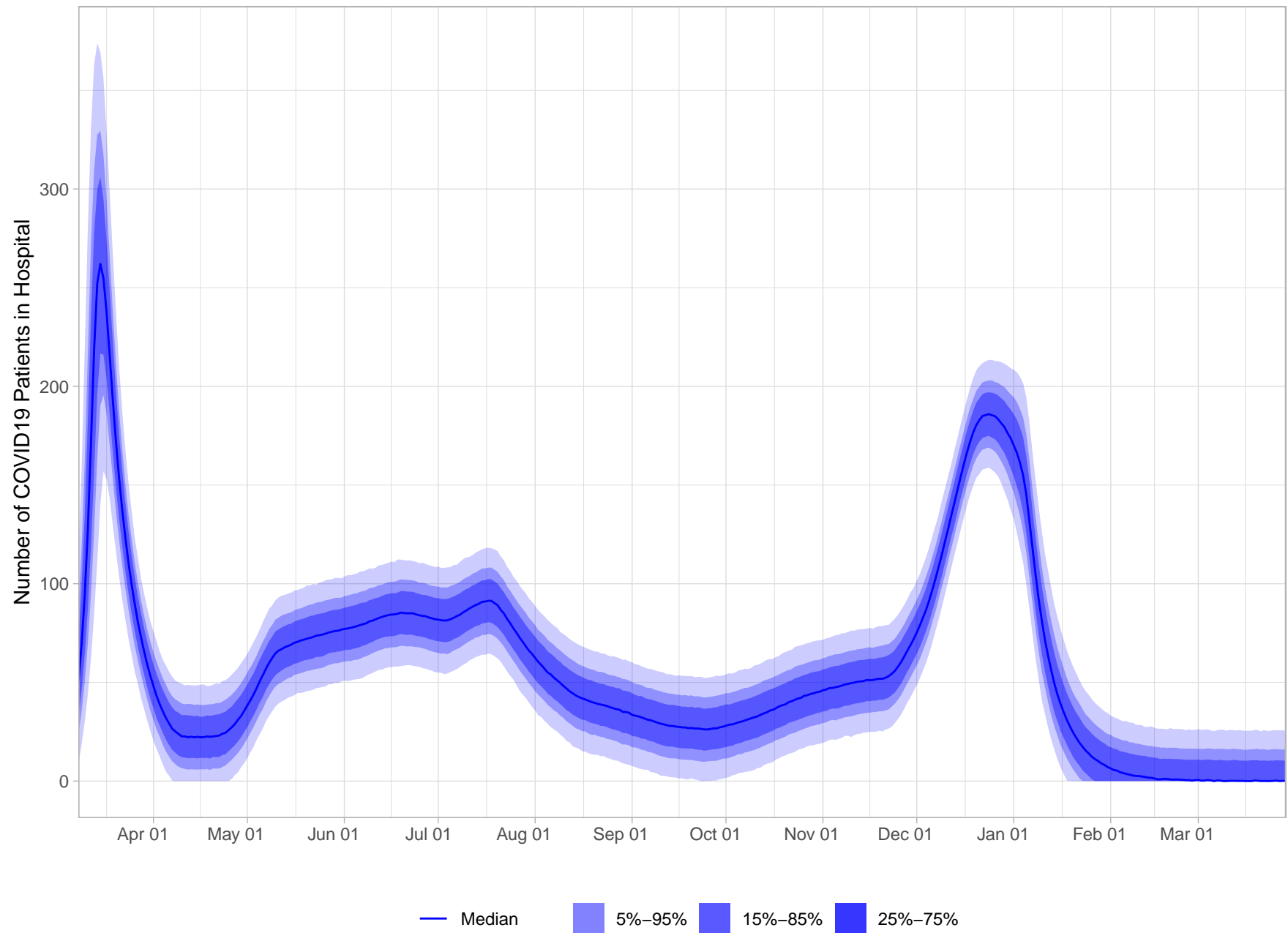


# Short Term Hospitalization Projection

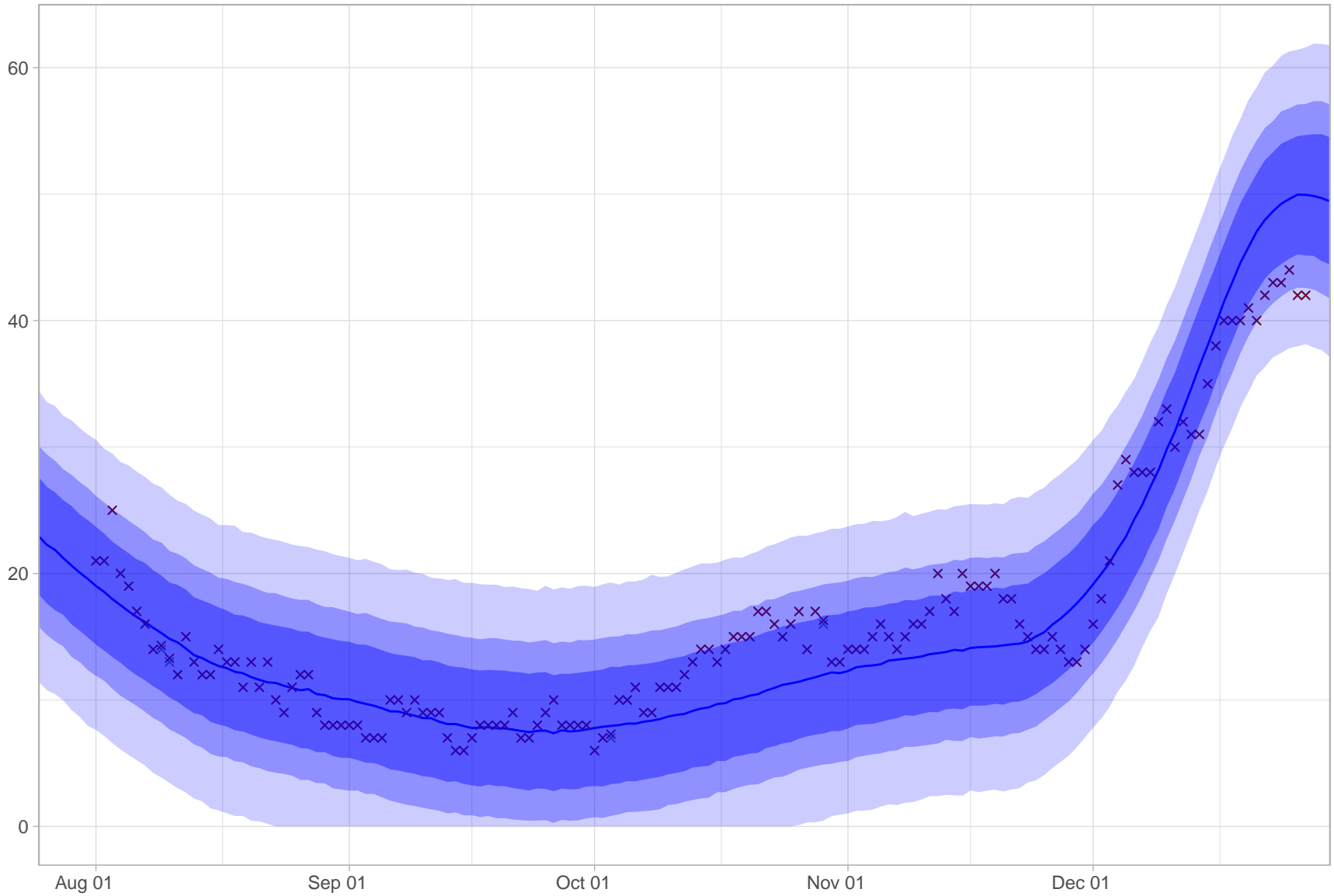


# Long Term Hospitalization Projection



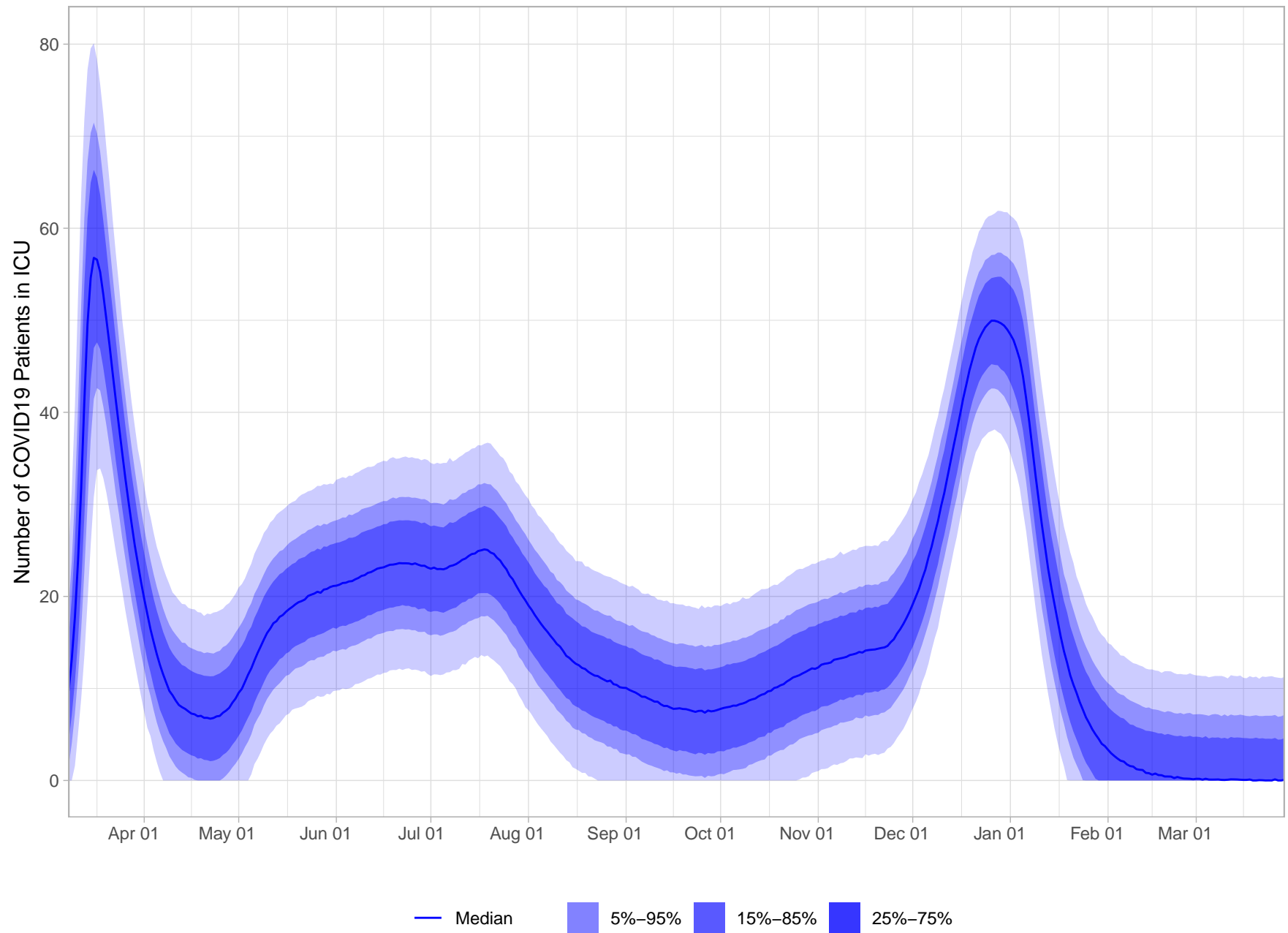
# Short Term ICU Projection

Number of COVID19 Patients in ICU

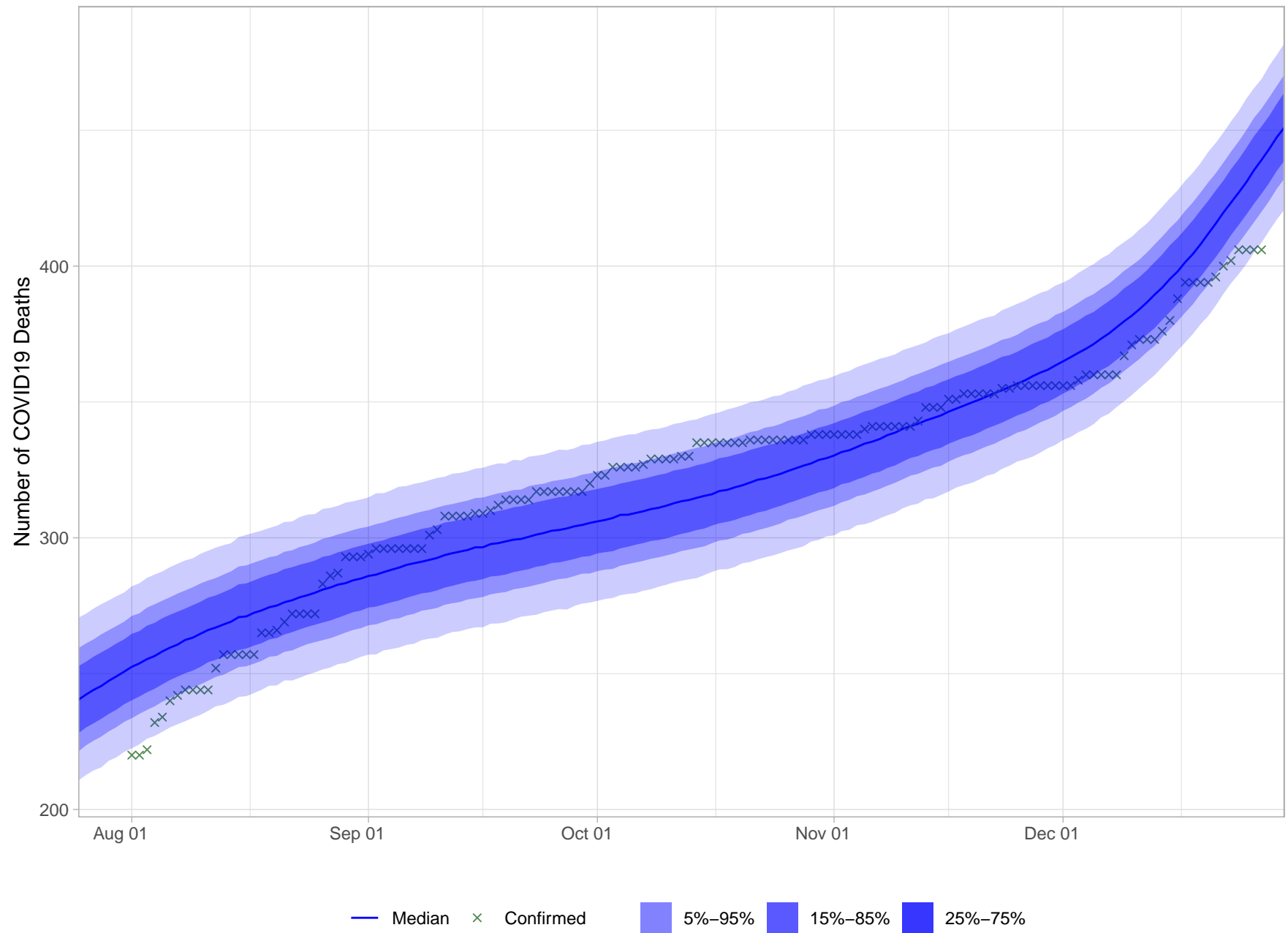


— Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

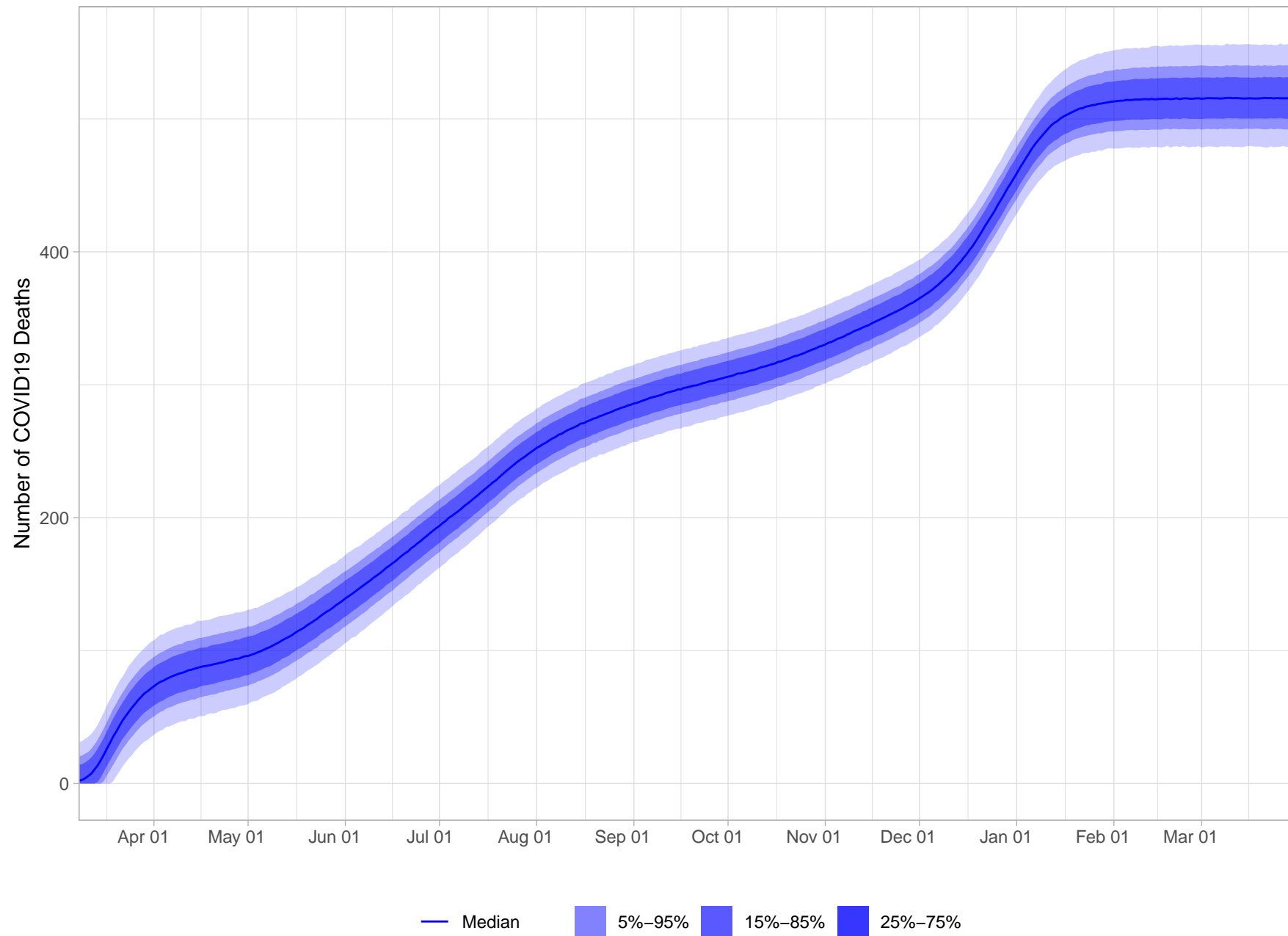
# Long Term ICU Projection



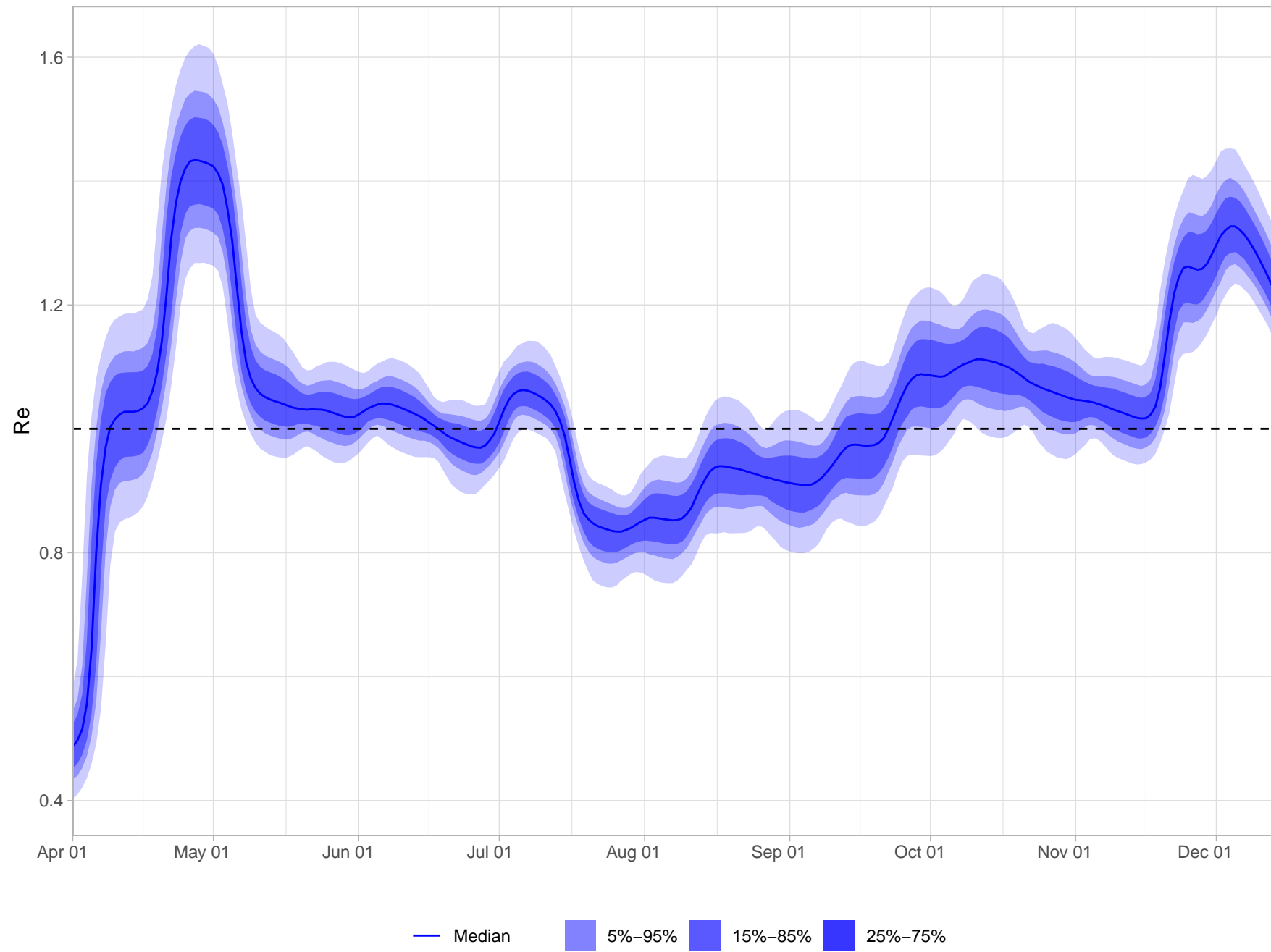
# Short Term Death Projection



# Long Term Death Projection

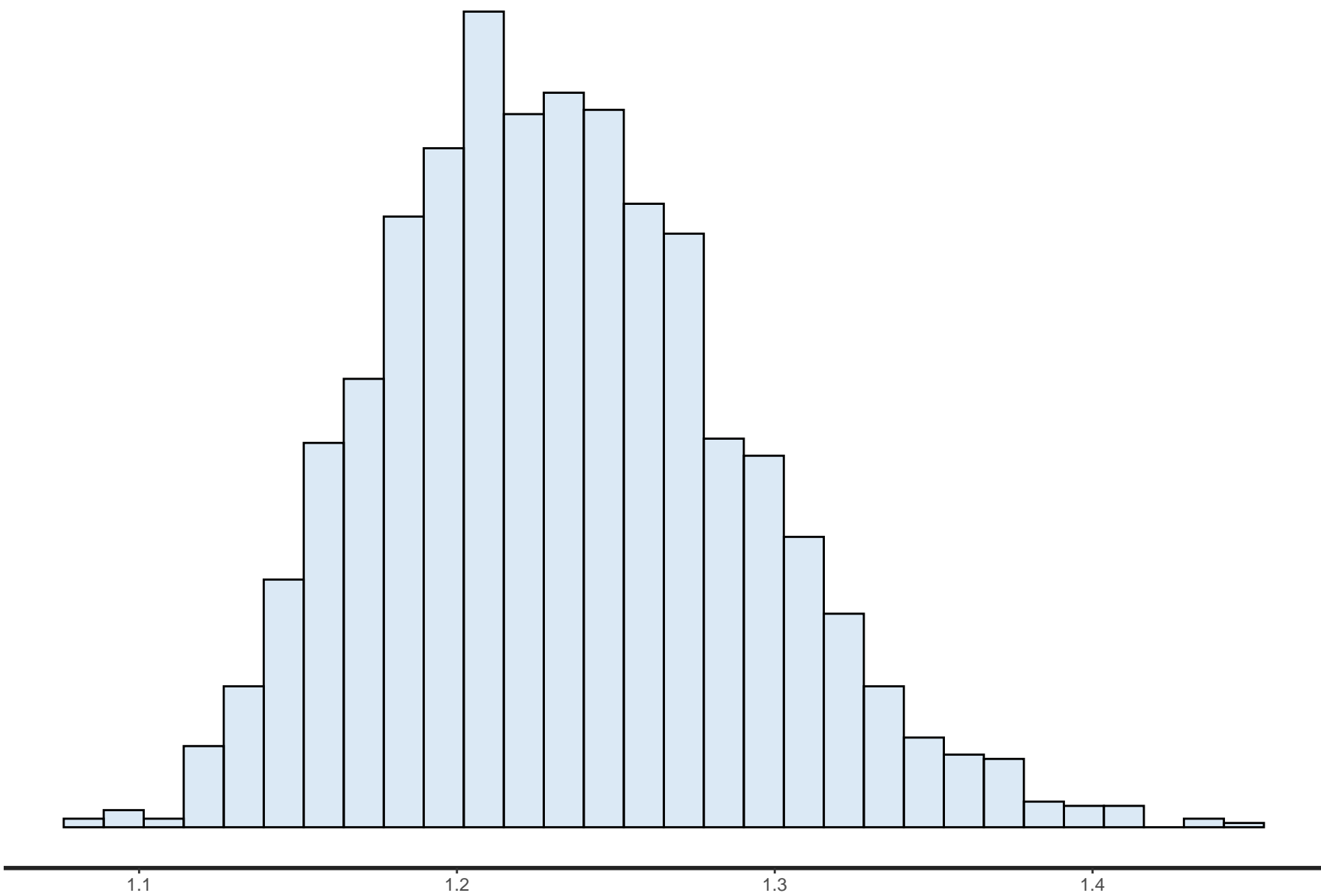


Effective Reproduction Number

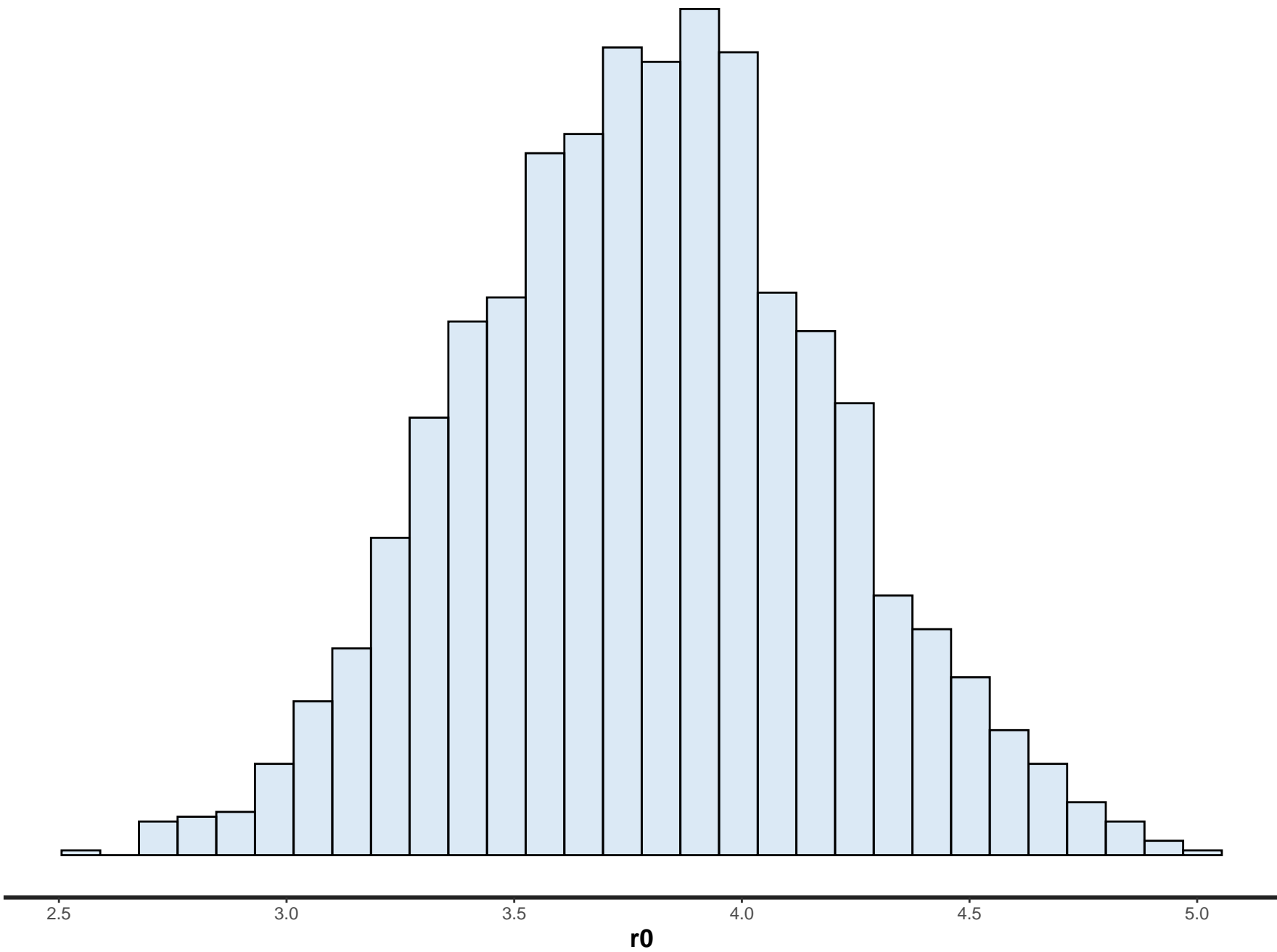


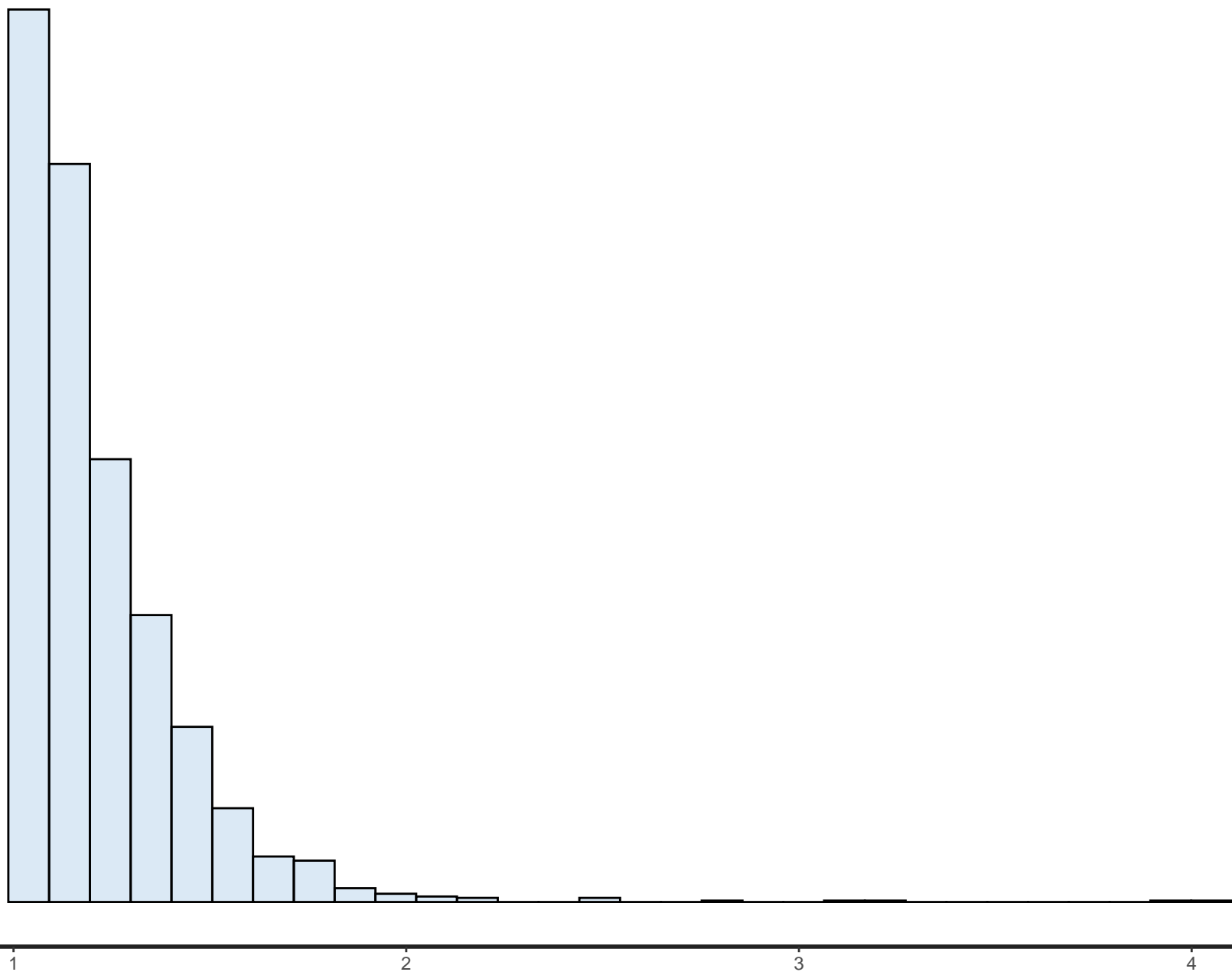
# Rt as of 2020-12-13

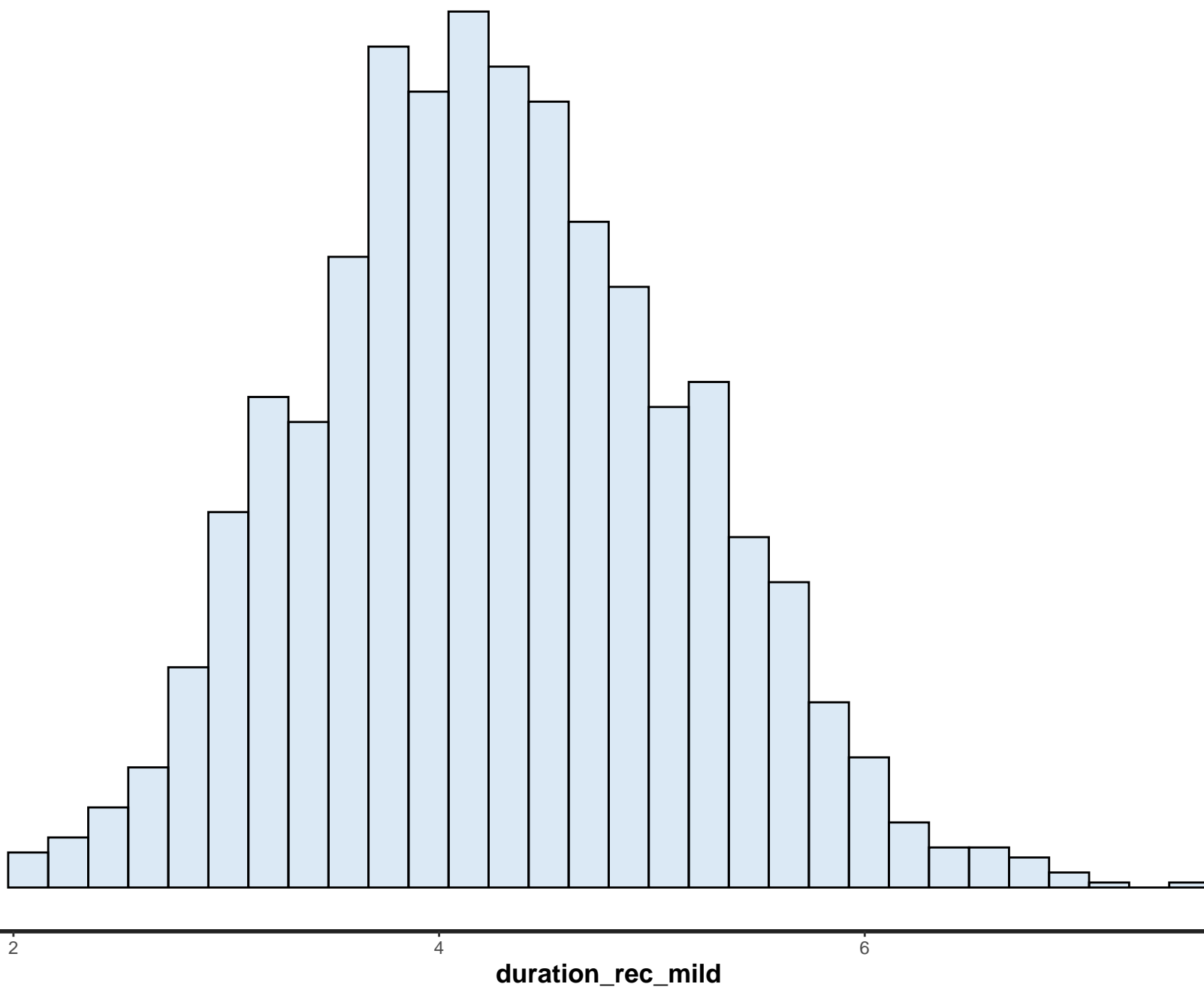
5% 10% 25% 50% 75% 90% 95%  
1.15 1.16 1.19 1.23 1.27 1.31 1.33

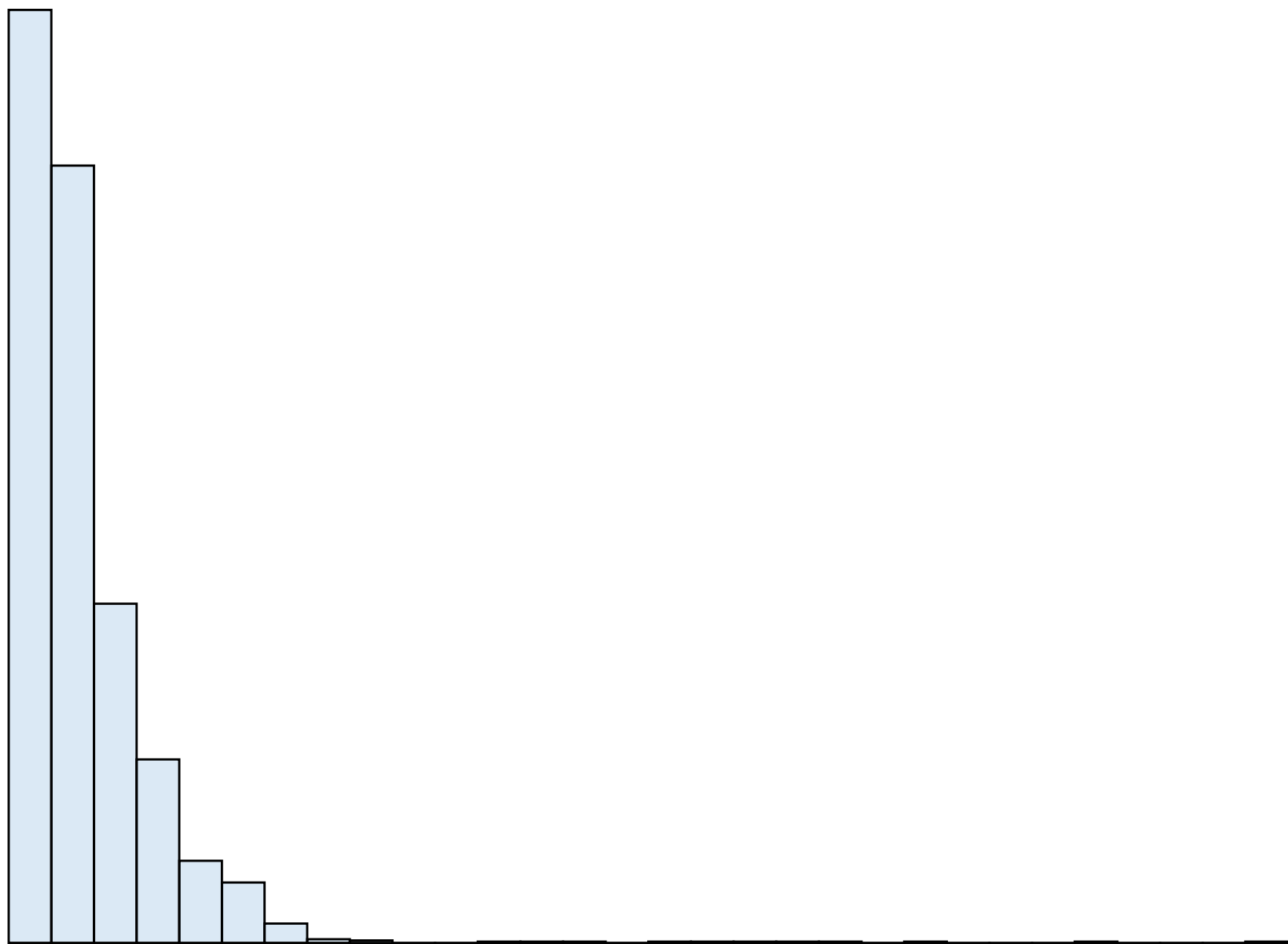




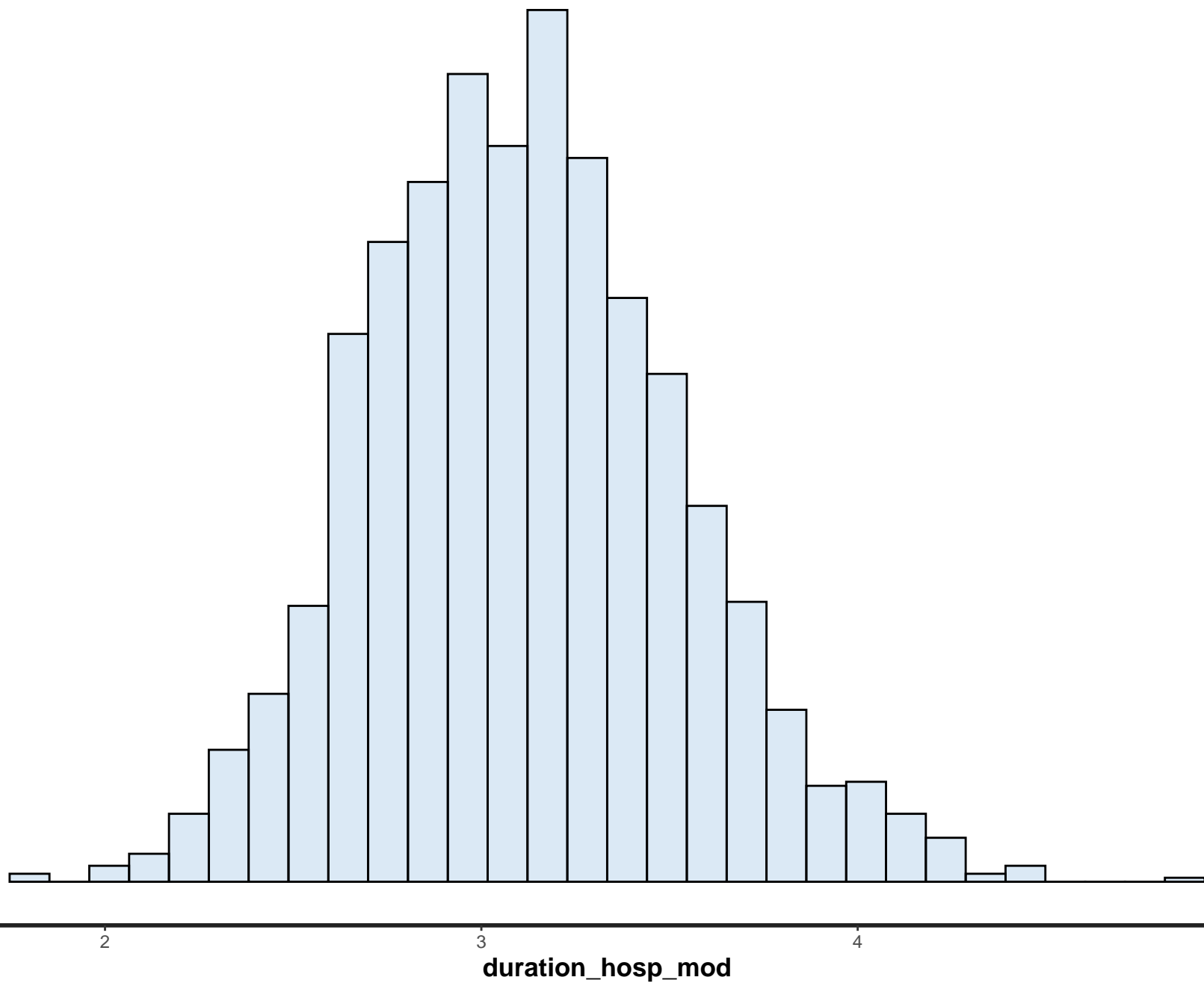


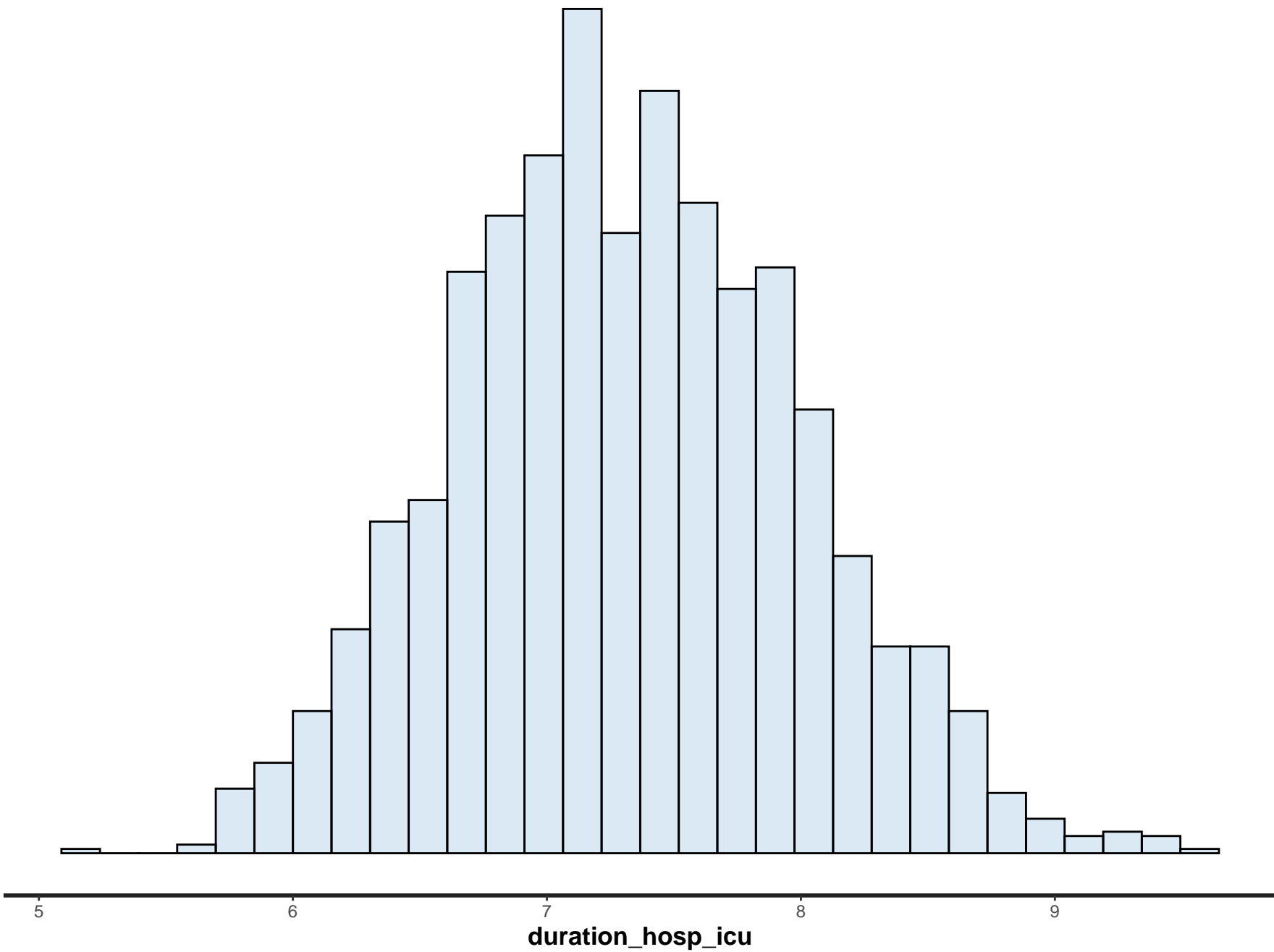


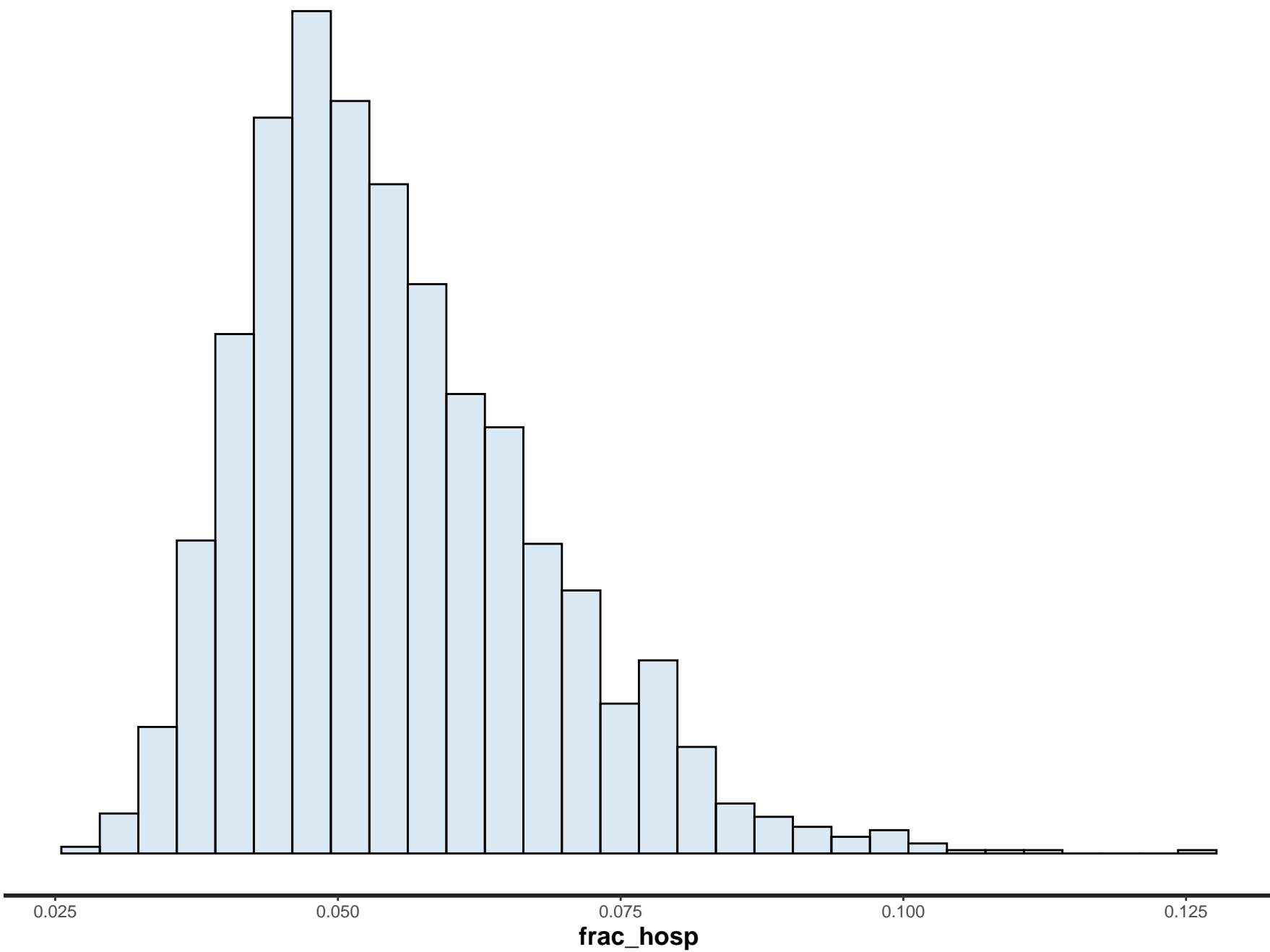


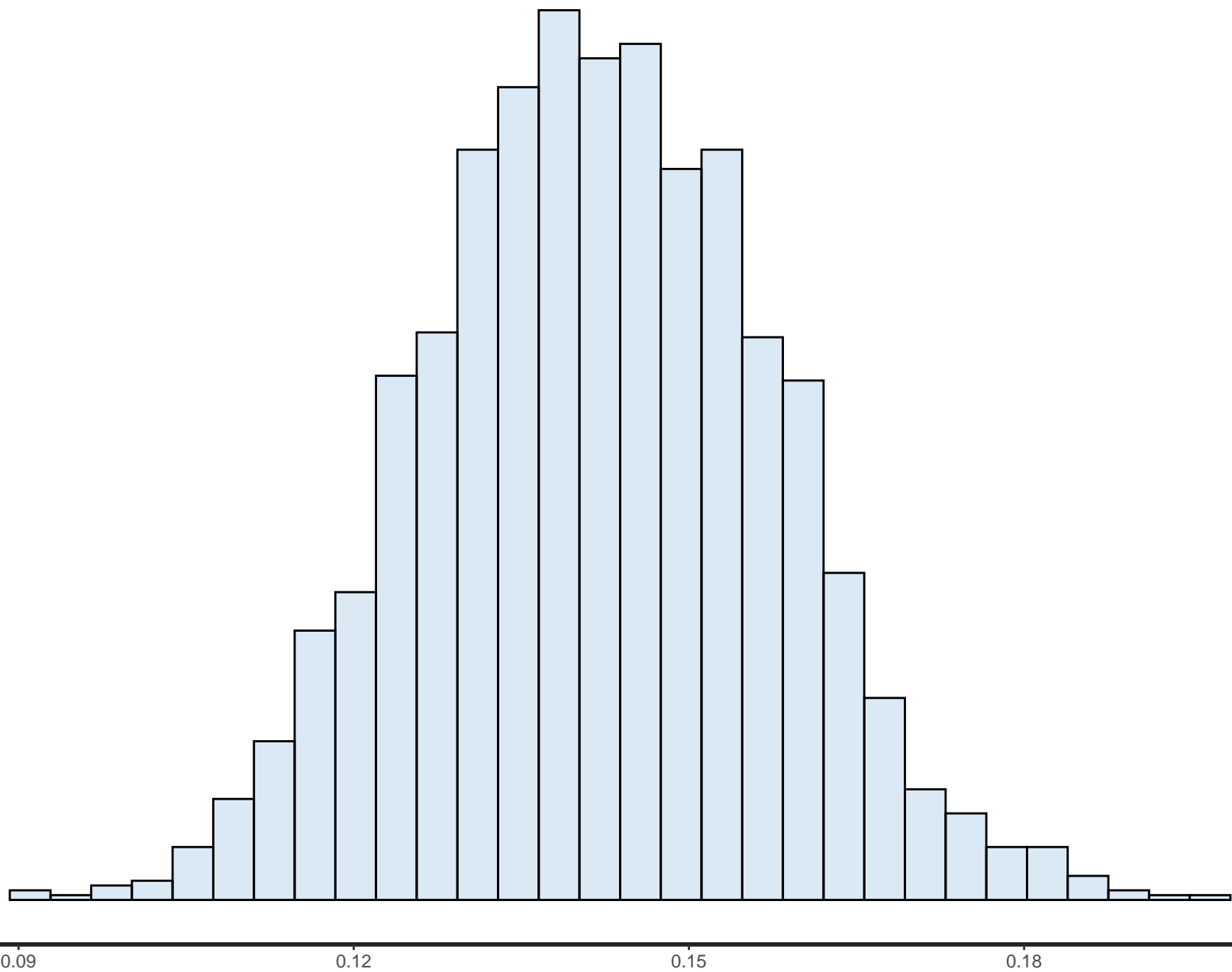


duration\_pre\_hosp

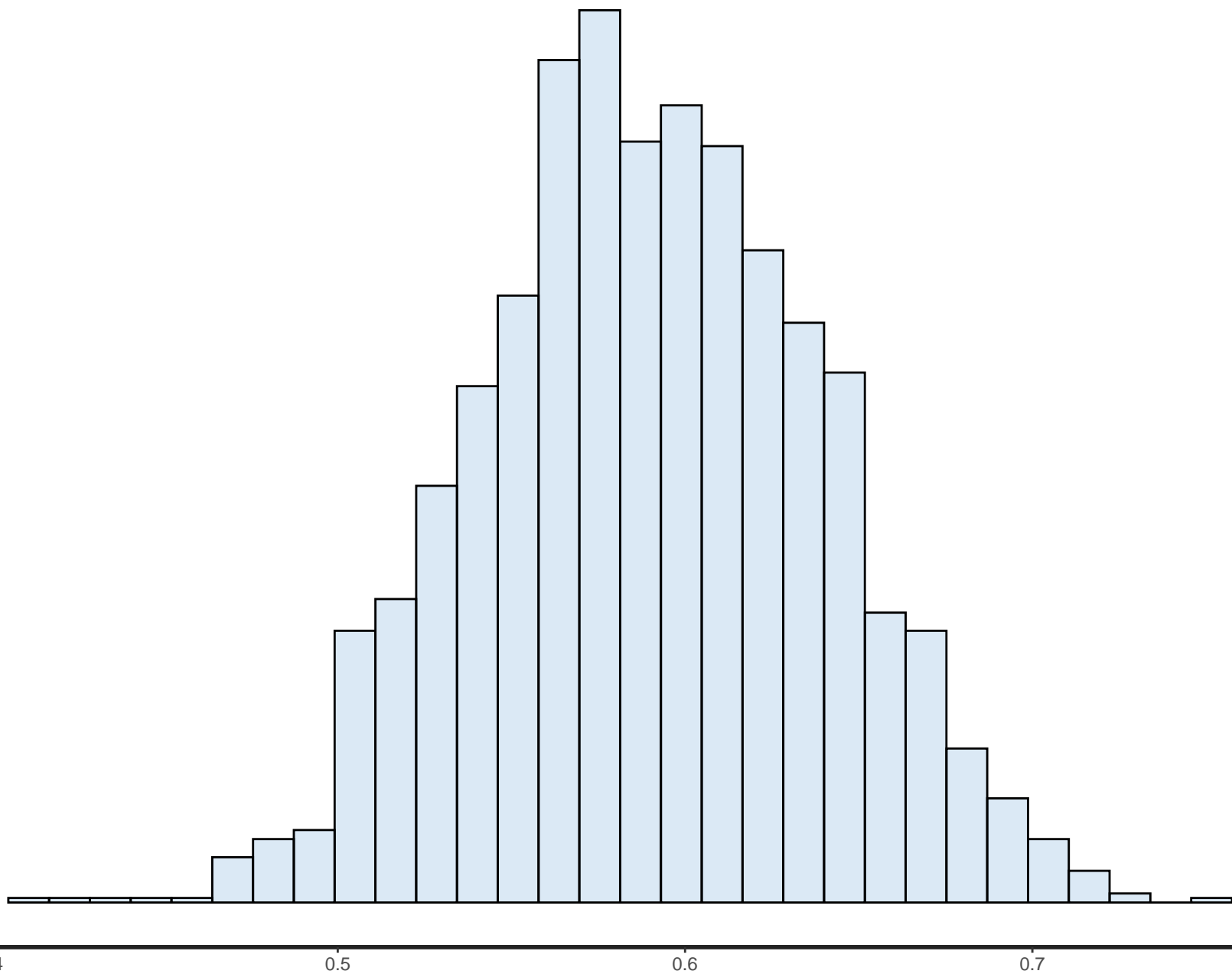




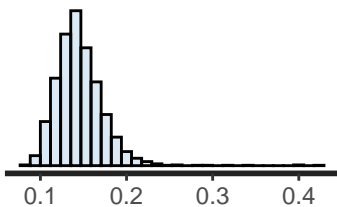




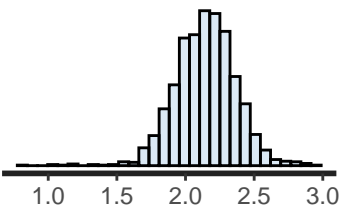




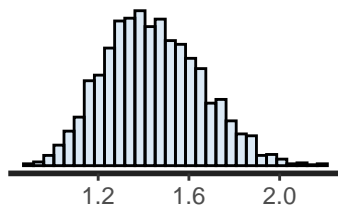
beta\_multiplier[1]



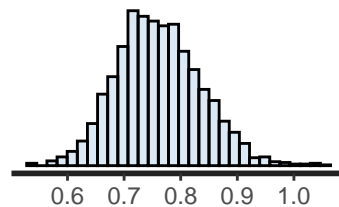
beta\_multiplier[2]



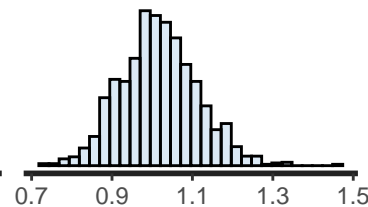
beta\_multiplier[3]



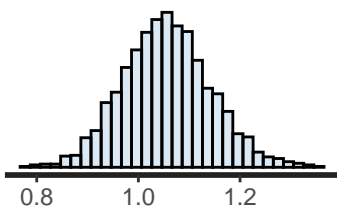
beta\_multiplier[4]



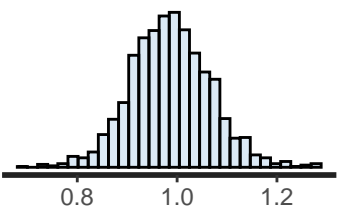
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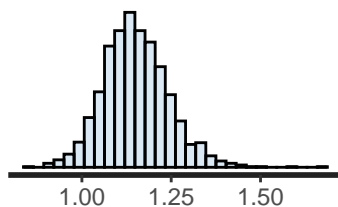
beta\_multiplier[6]



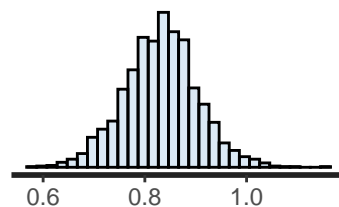
beta\_multiplier[7]



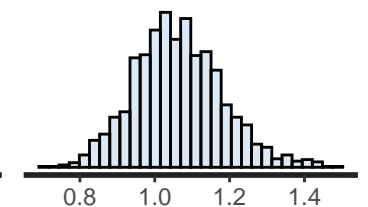
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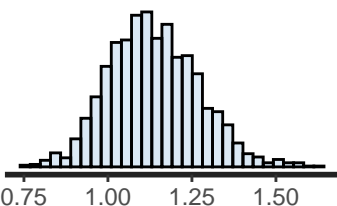
beta\_multiplier[9]



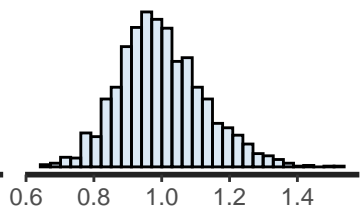
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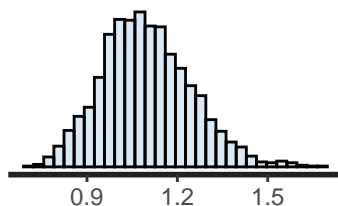
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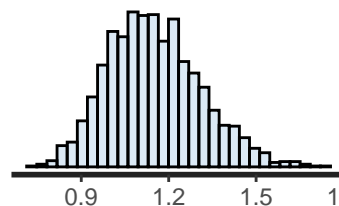
beta\_multiplier[12]



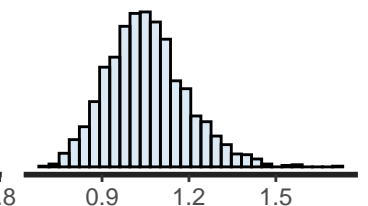
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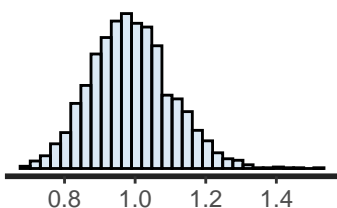
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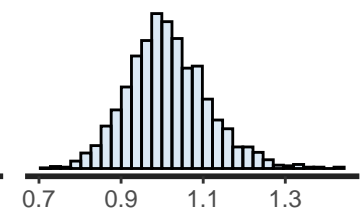
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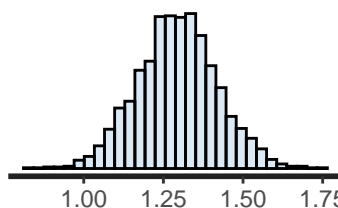
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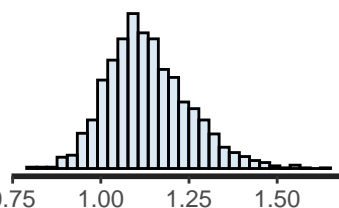
beta\_multiplier[17]



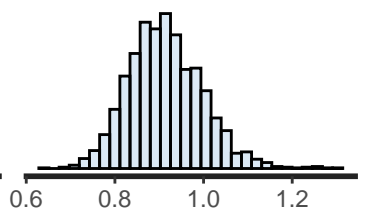
beta\_multiplier[18]



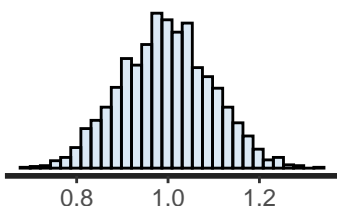
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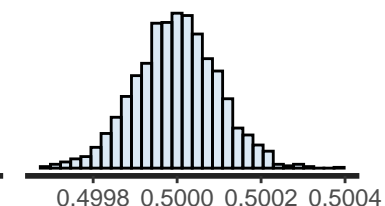
beta\_multiplier[20]

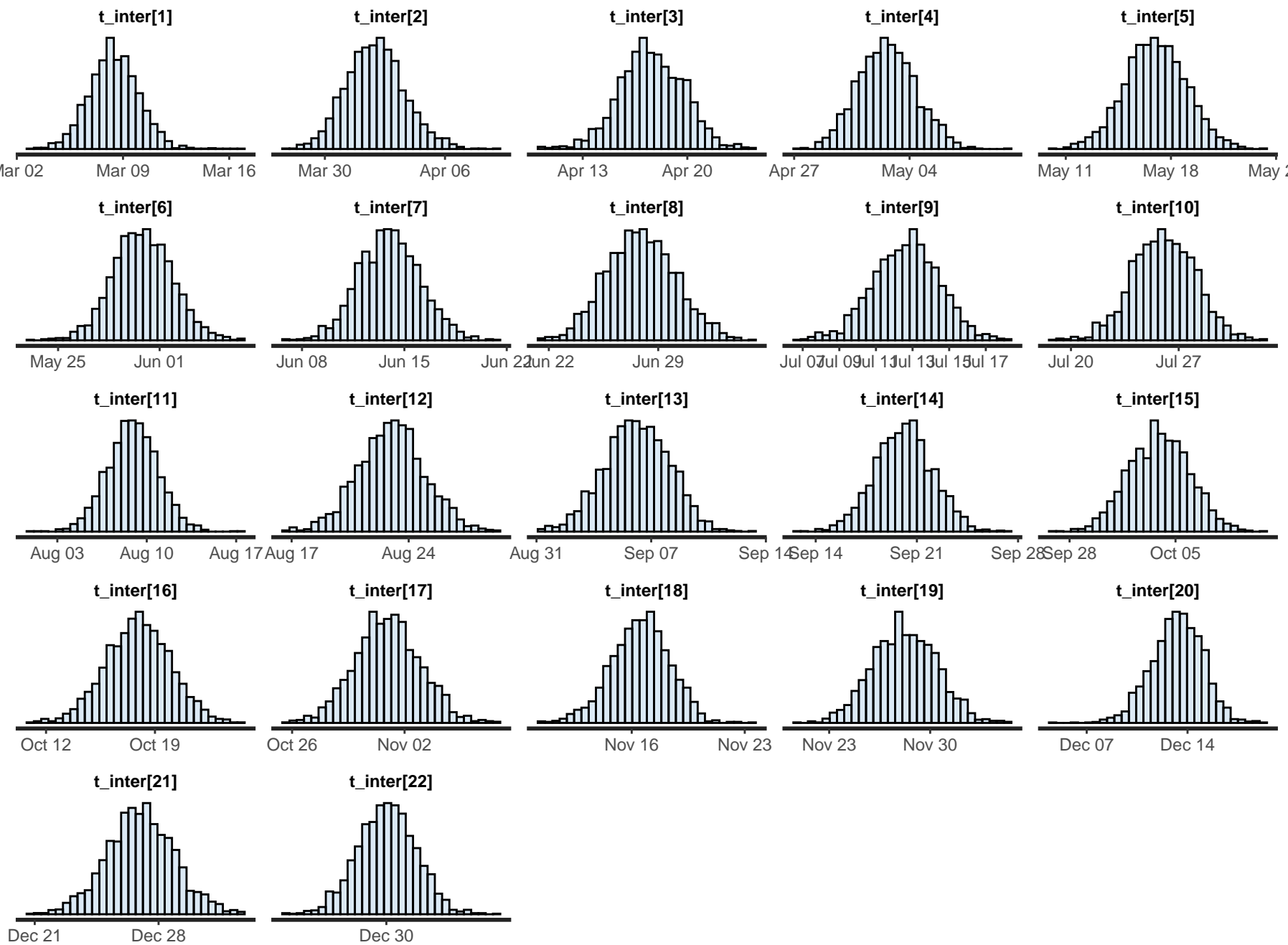


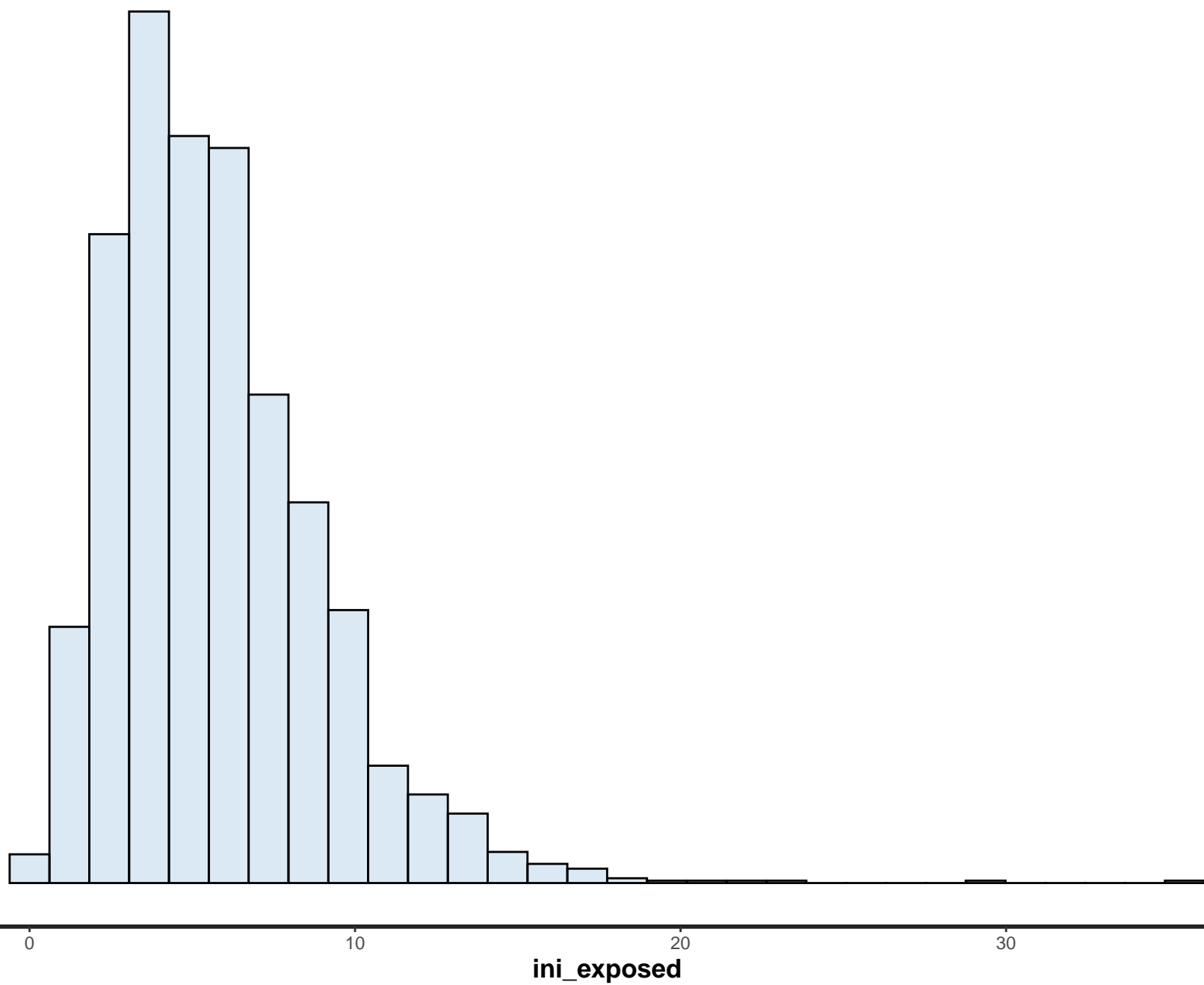
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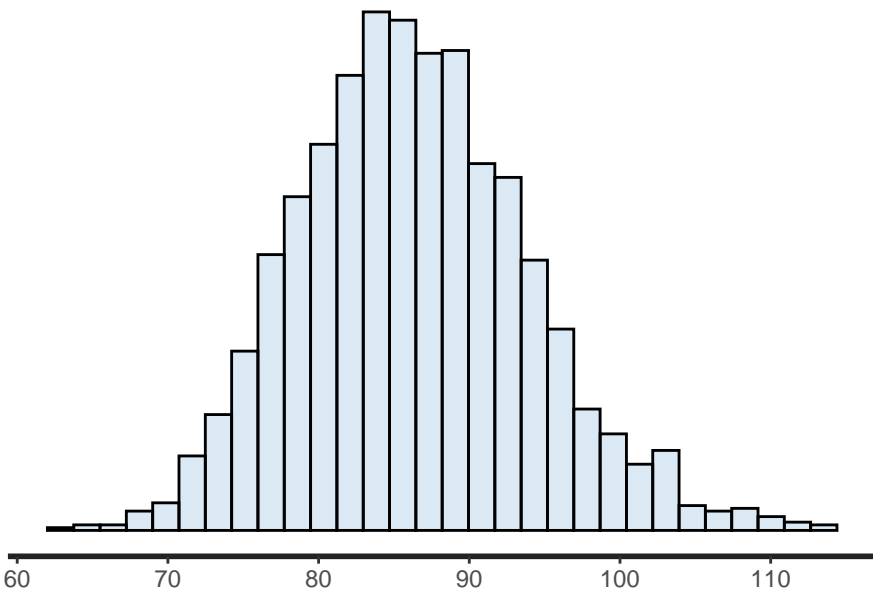
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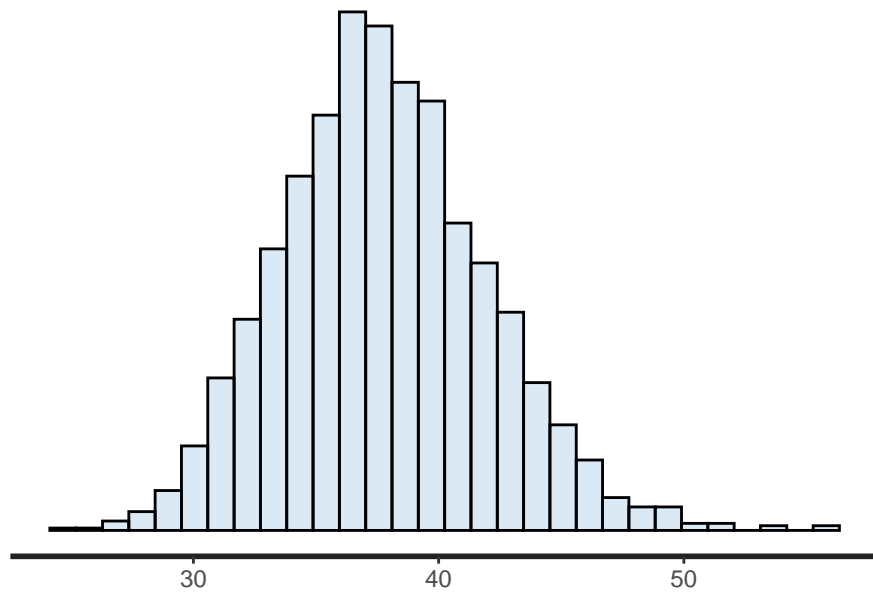




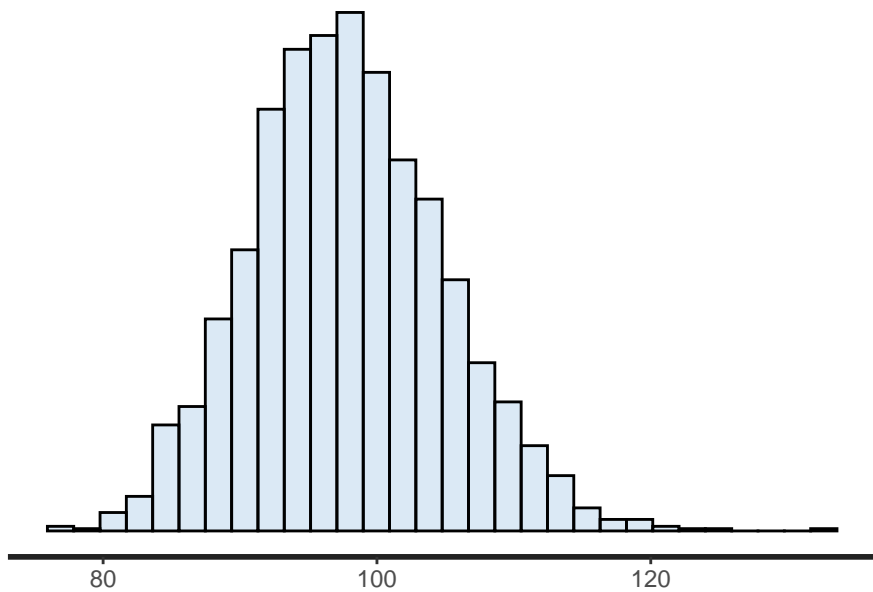
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

