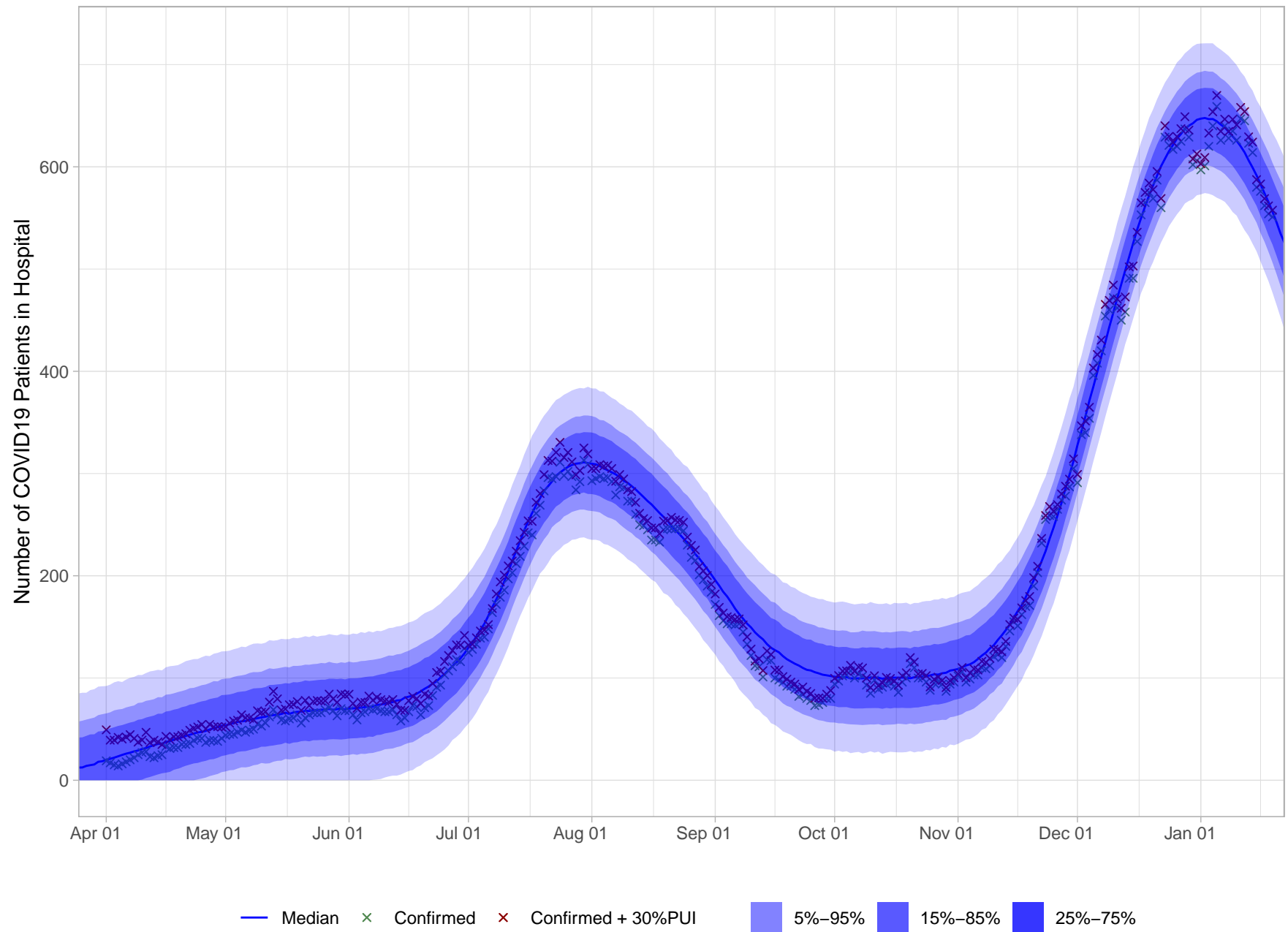
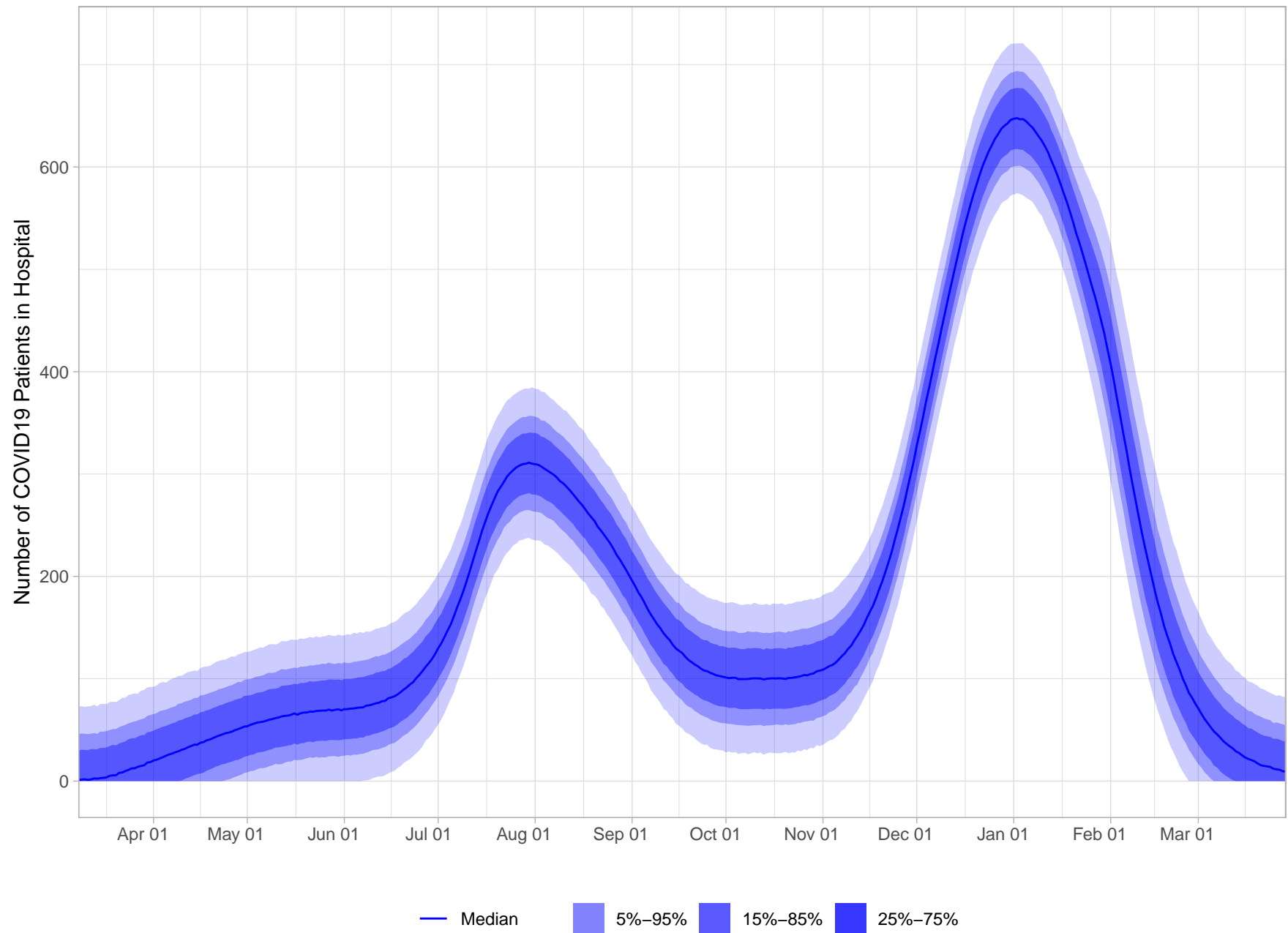


# Short Term Hospitalization Projection

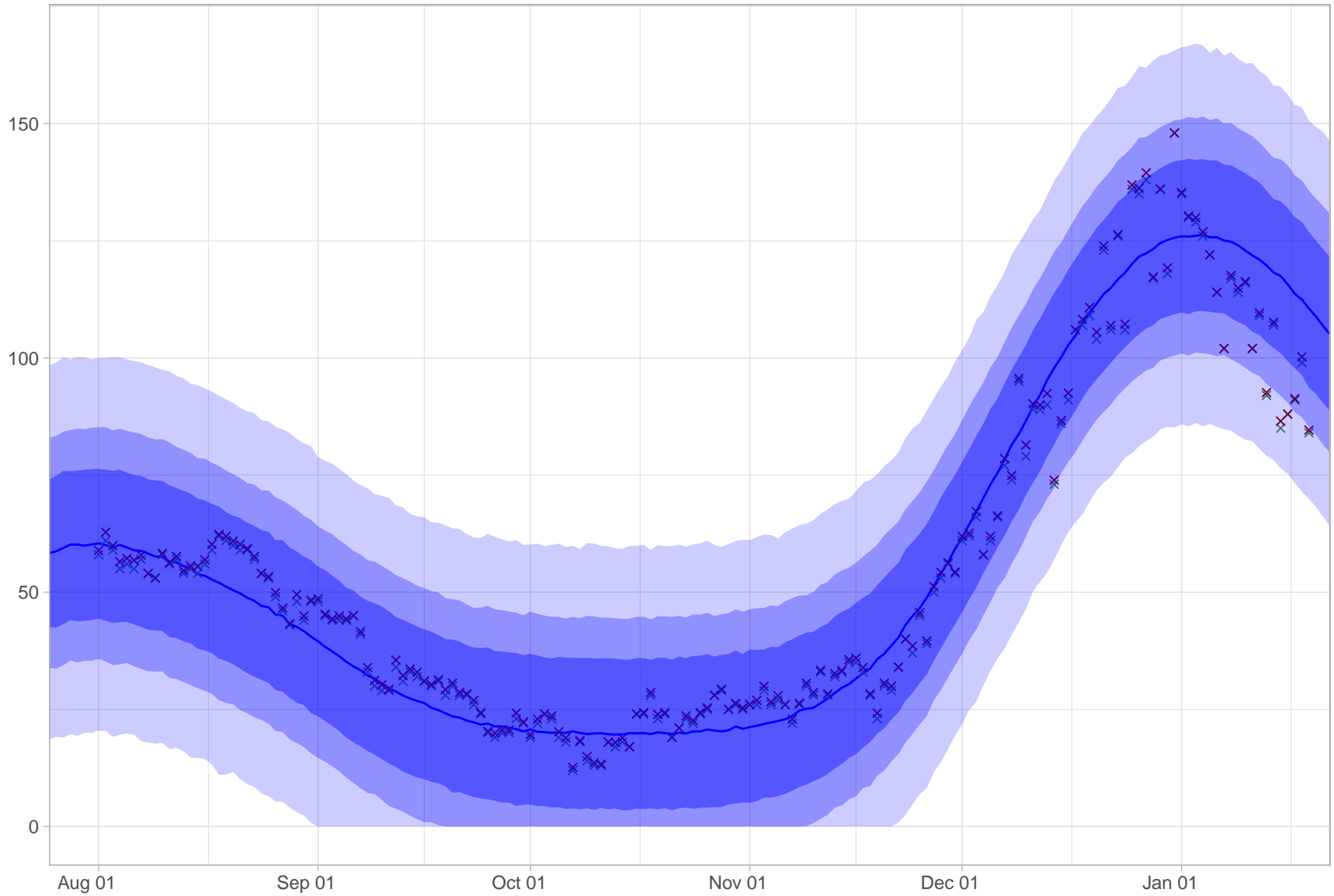


# Long Term Hospitalization Projection



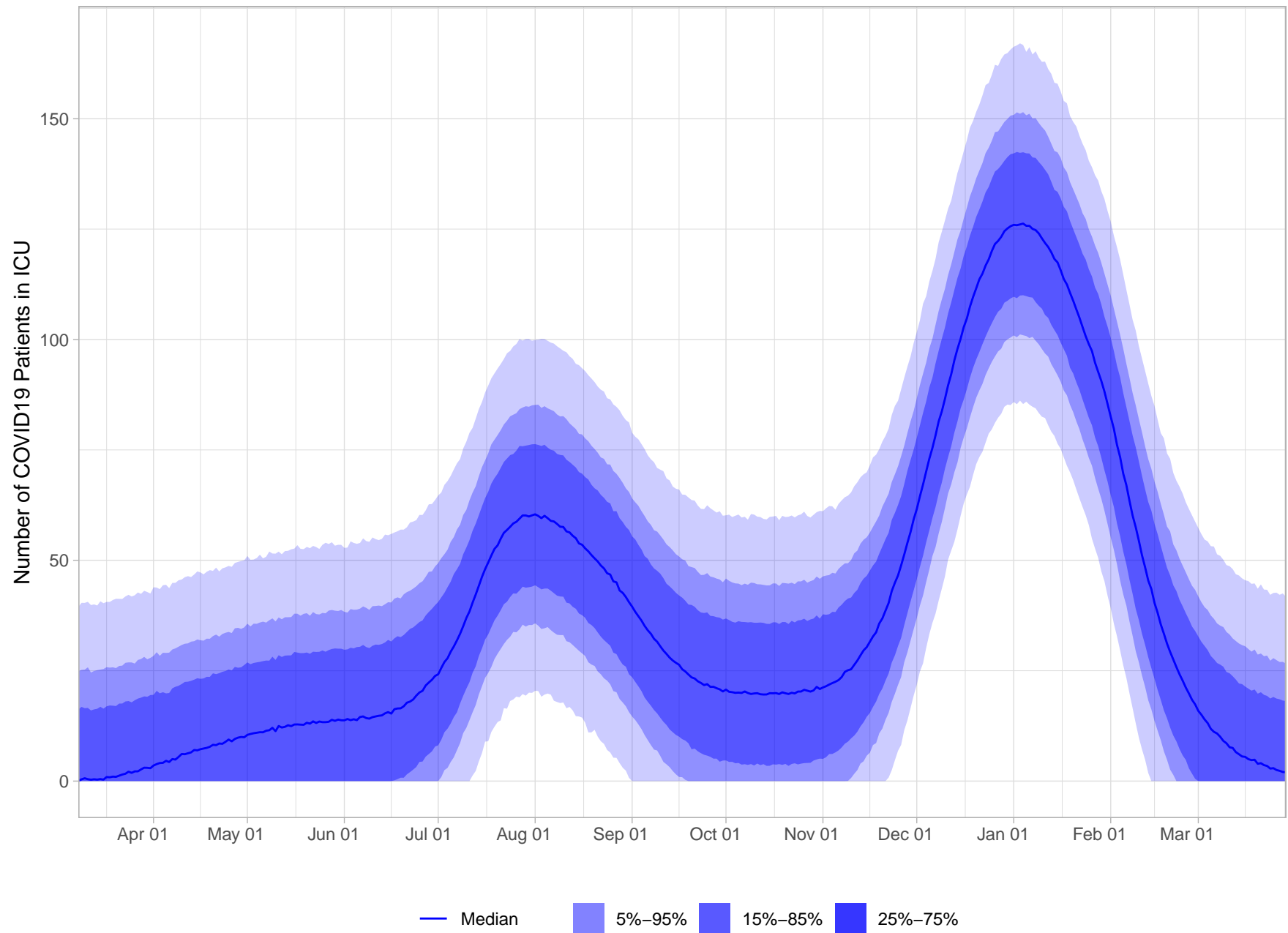
# Short Term ICU Projection

Number of COVID19 Patients in ICU



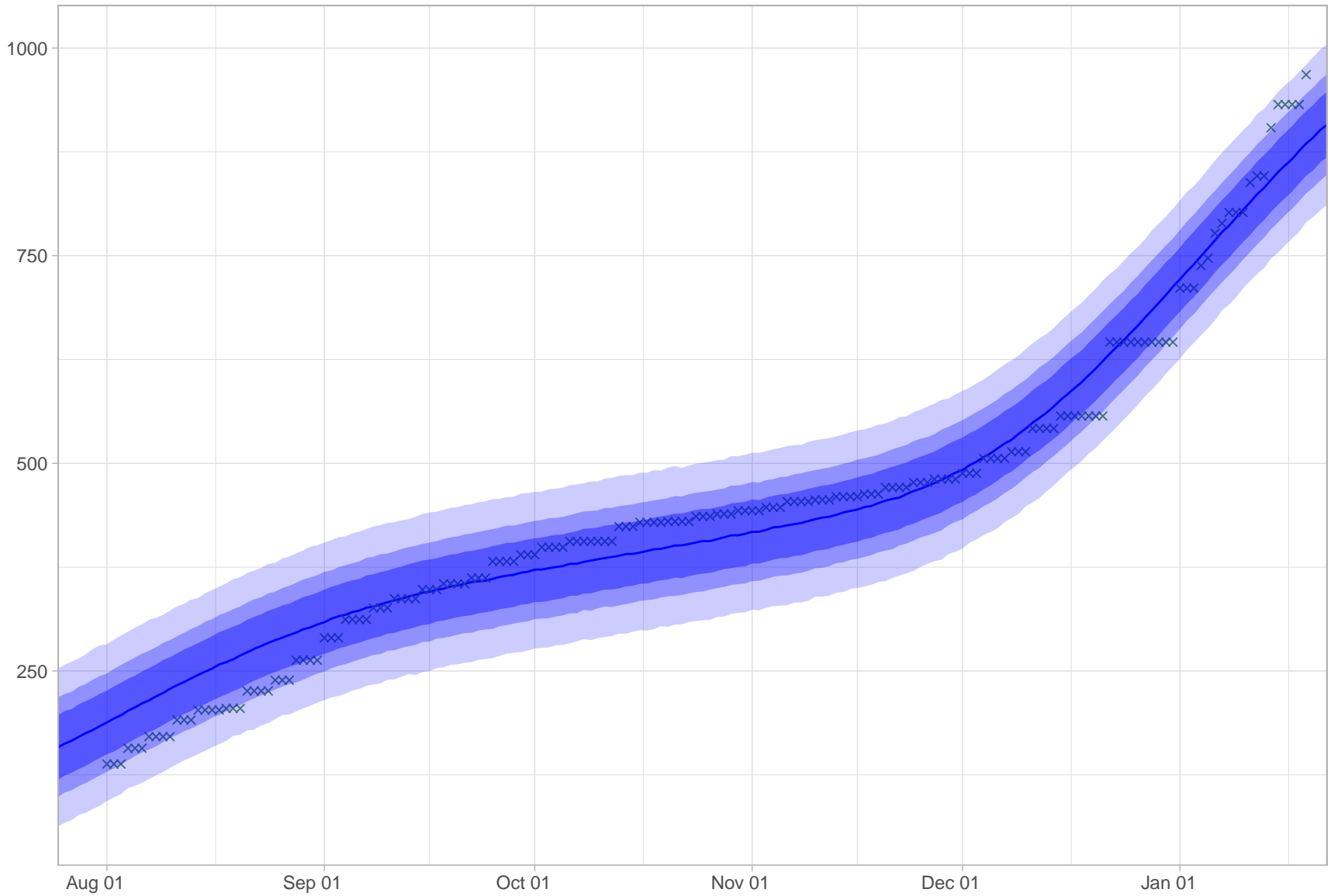
— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection



# Short Term Death Projection

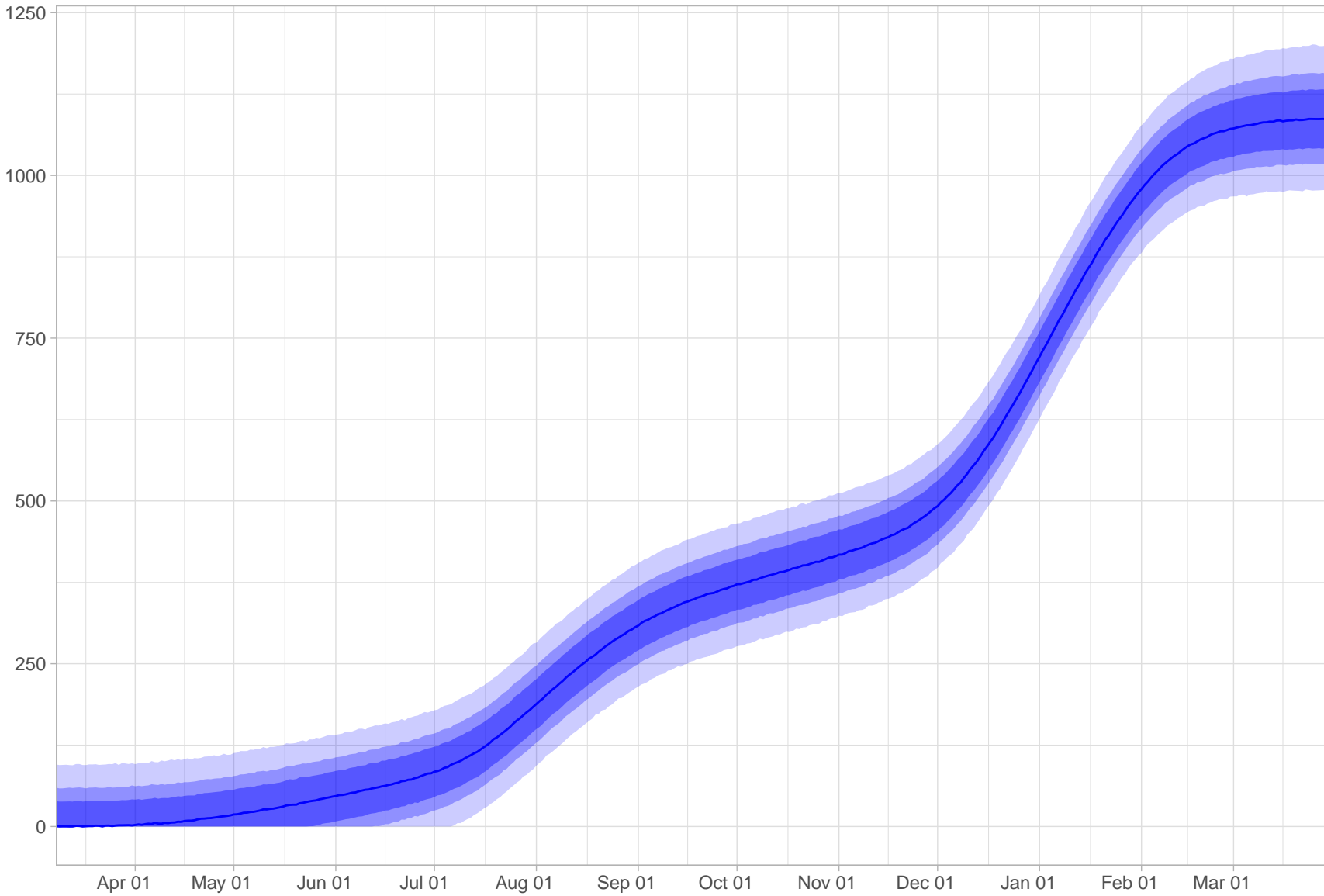
Number of COVID19 Deaths



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

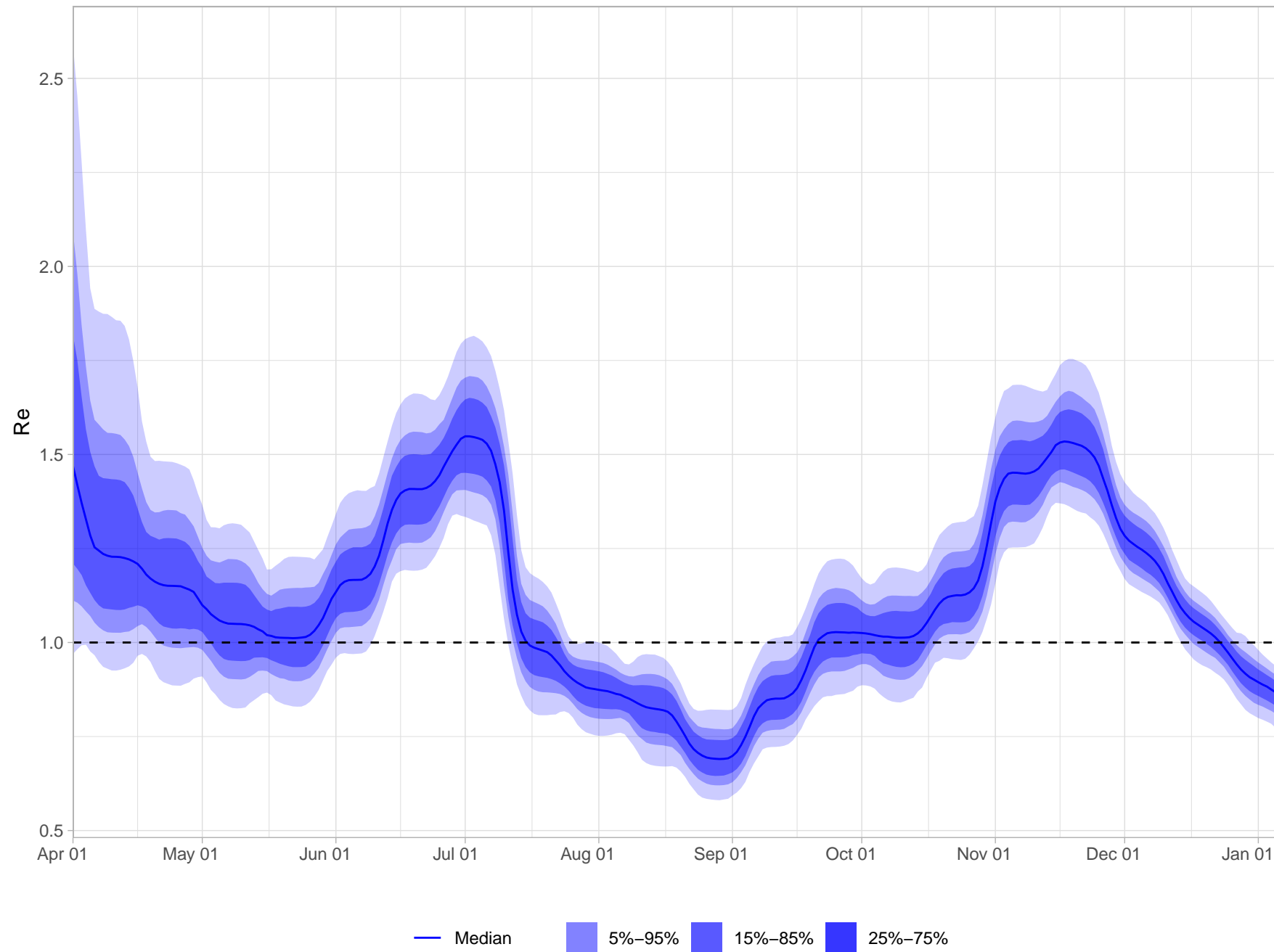
# Long Term Death Projection

Number of COVID19 Deaths



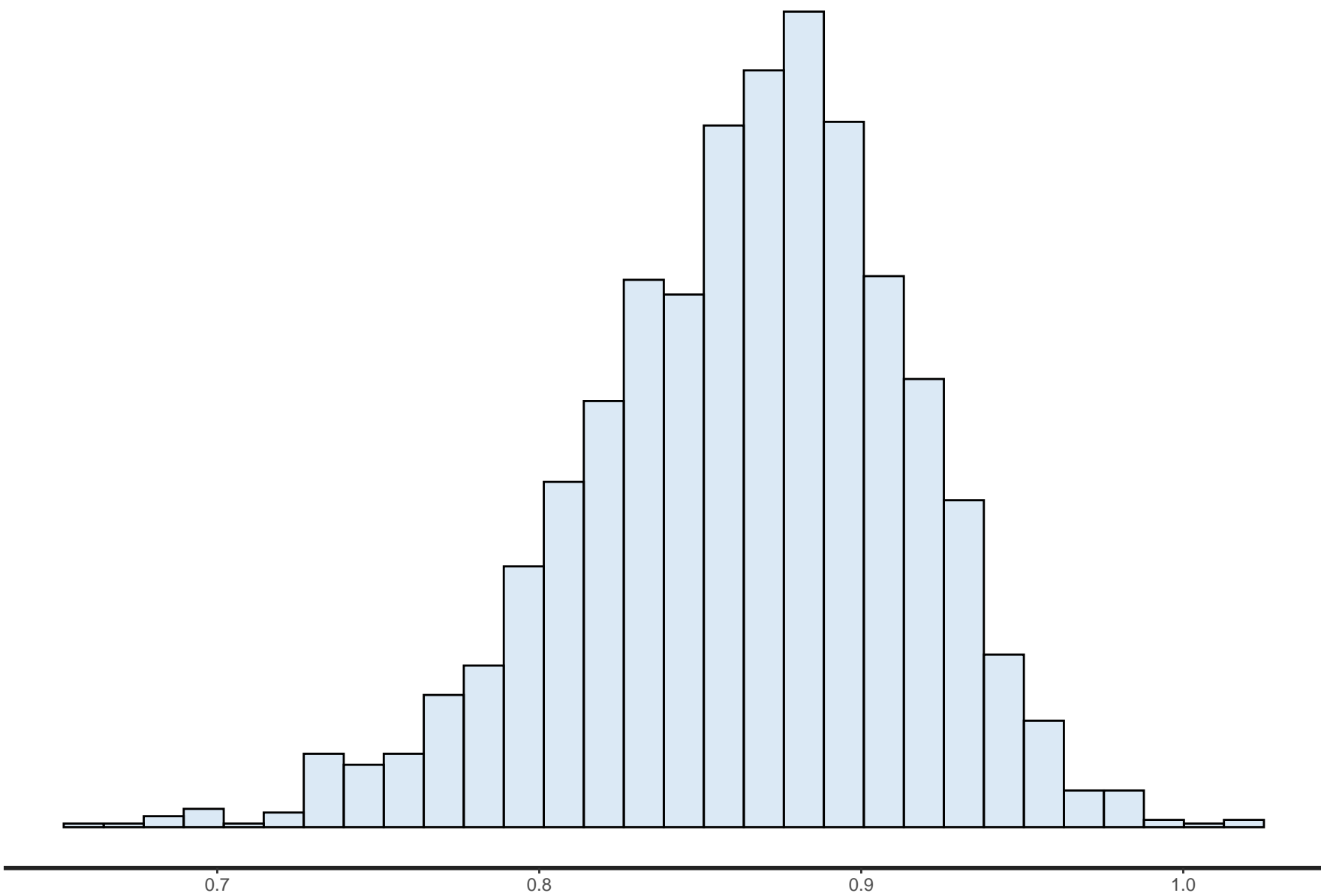
— Median    5%–95%    15%–85%    25%–75%

# Effective Reproduction Number

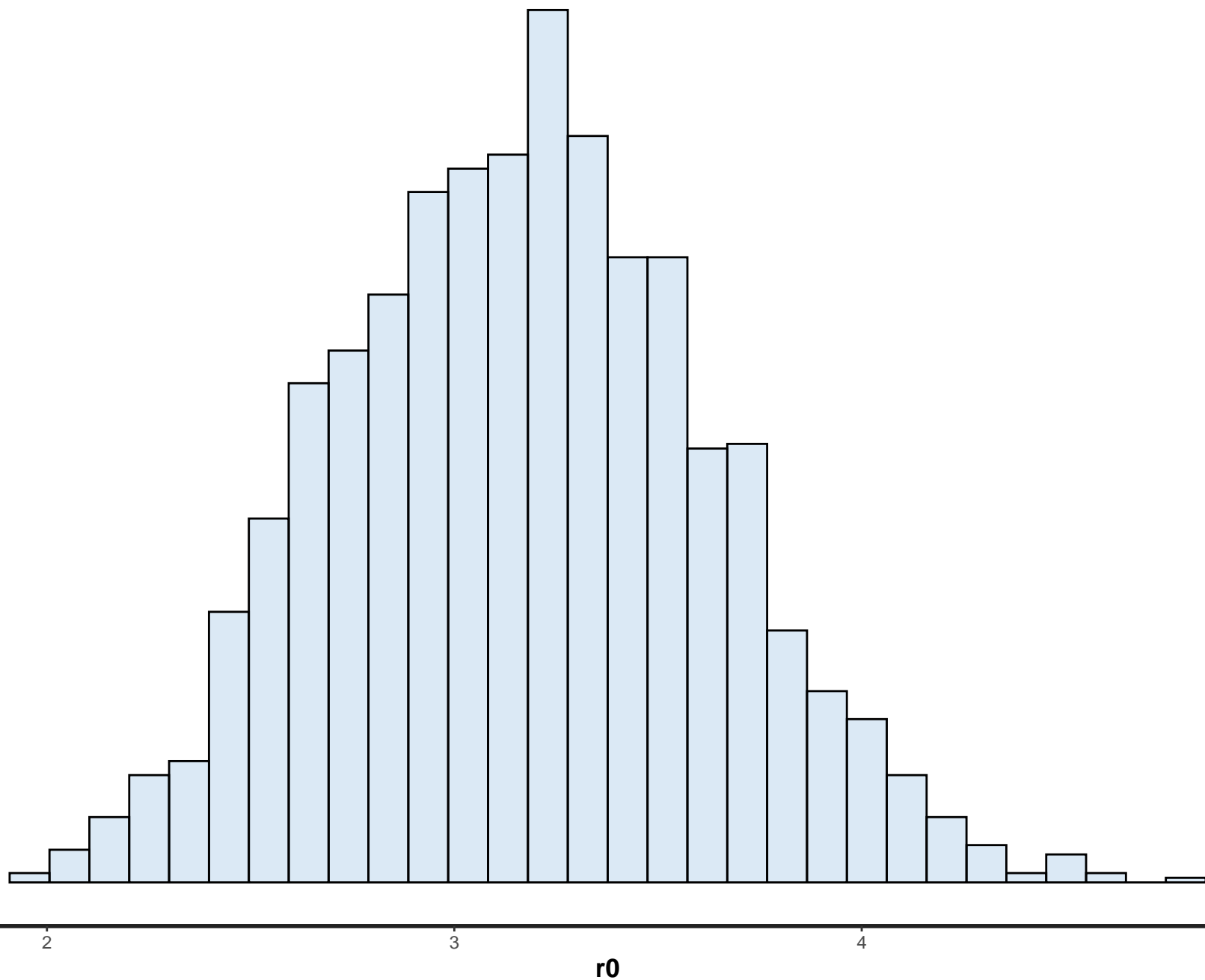


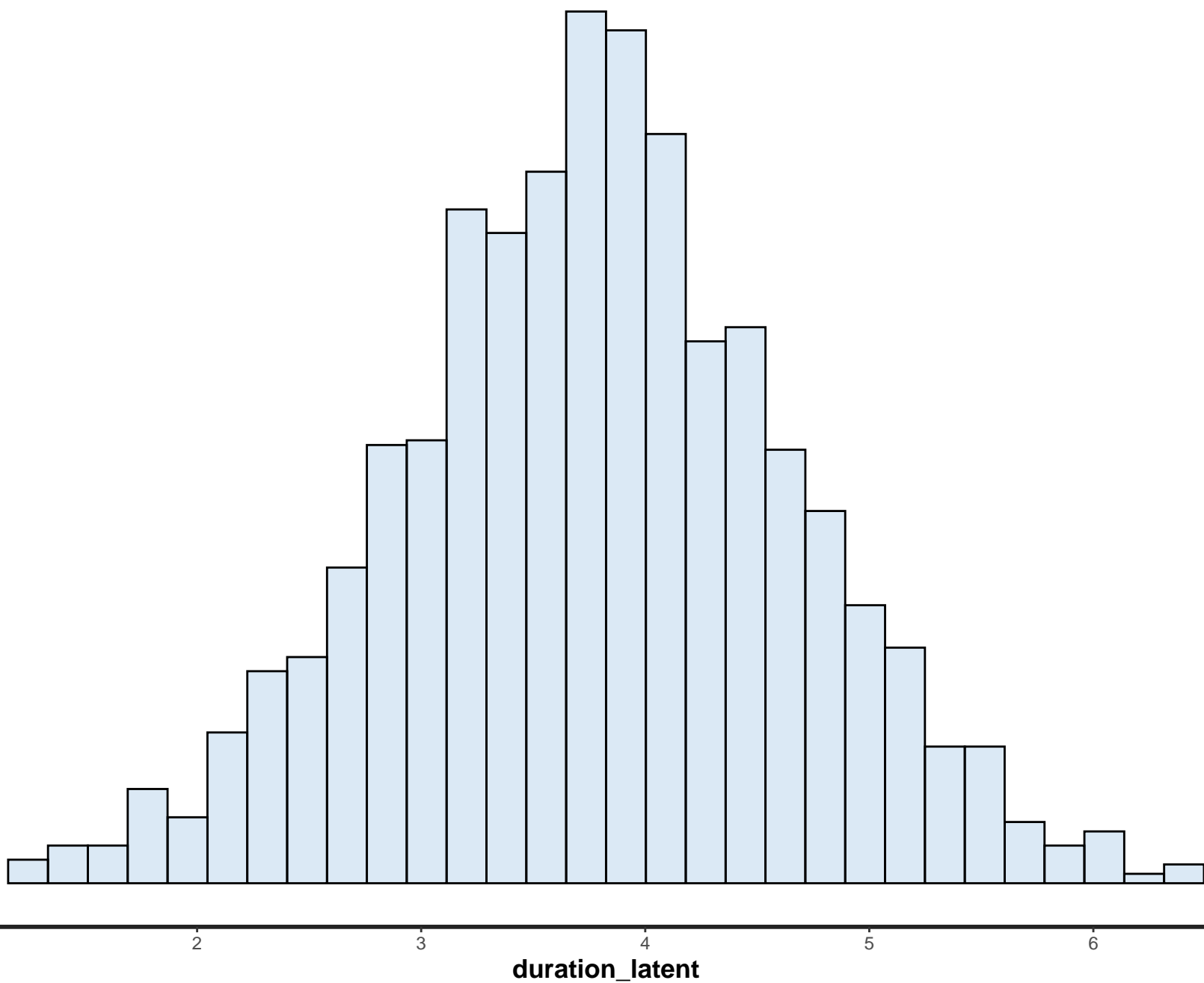
# Rt as of 2021-01-05

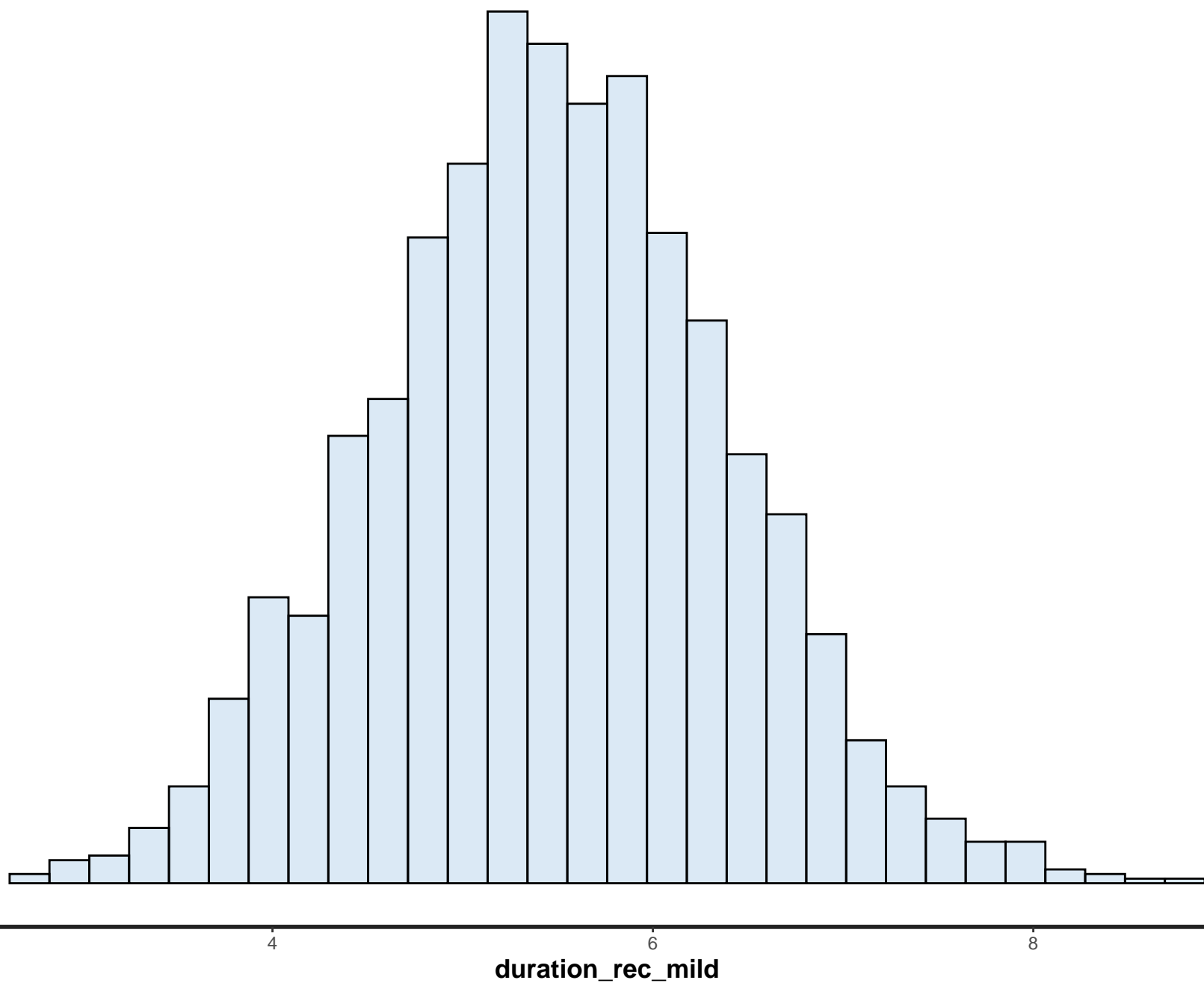
5%	10%	25%	50%	75%	90%	95%
0.77	0.80	0.83	0.87	0.90	0.92	0.94

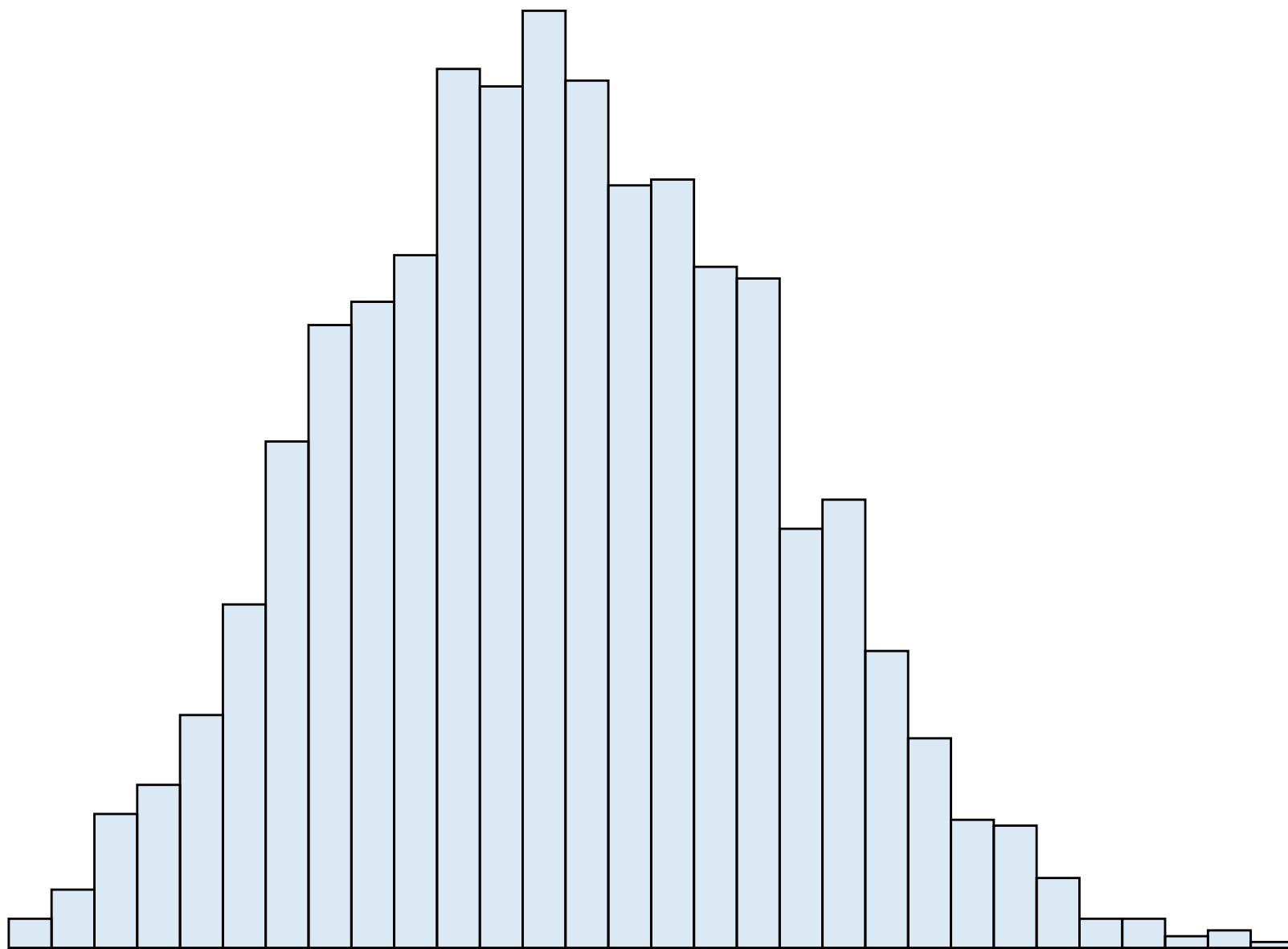




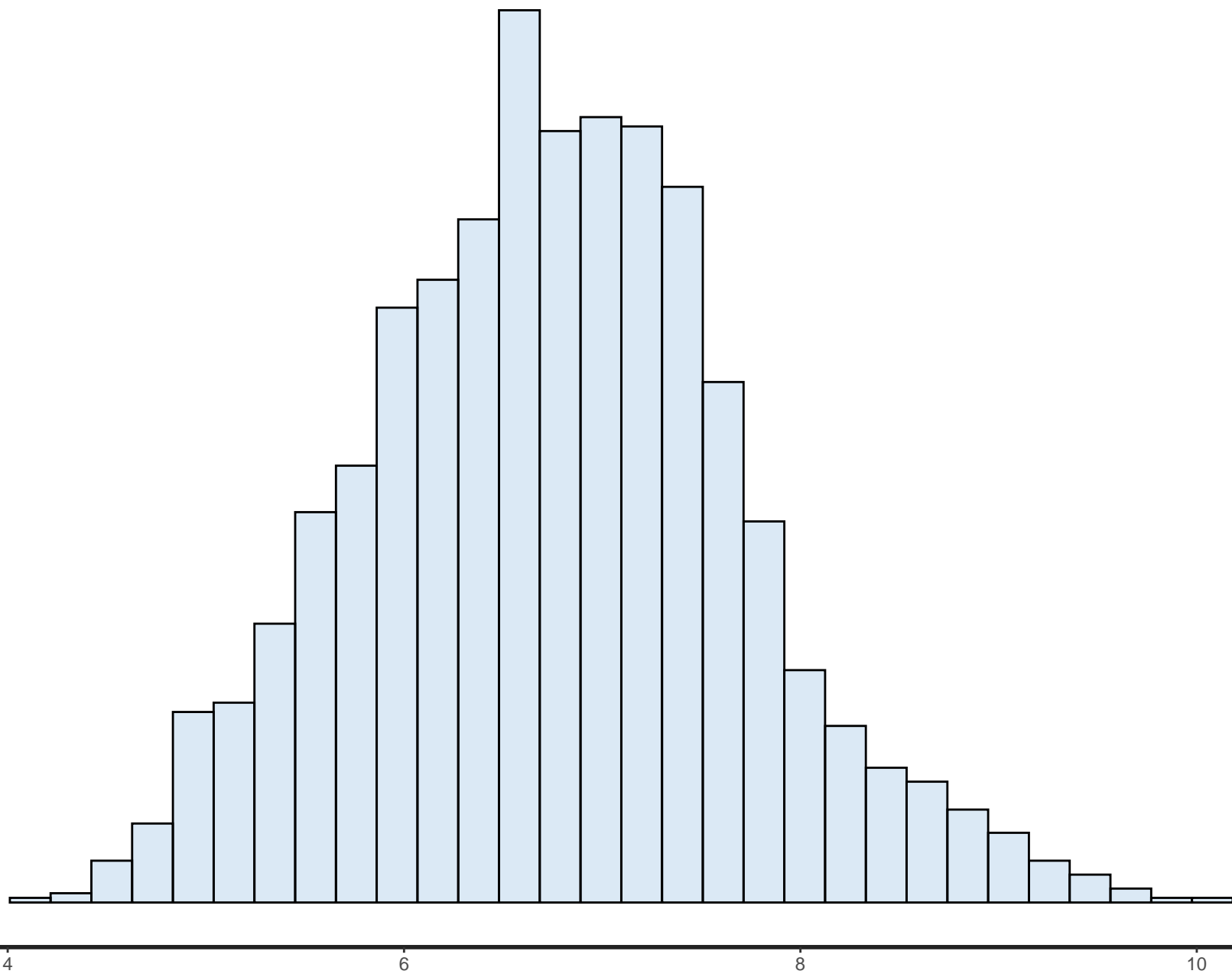


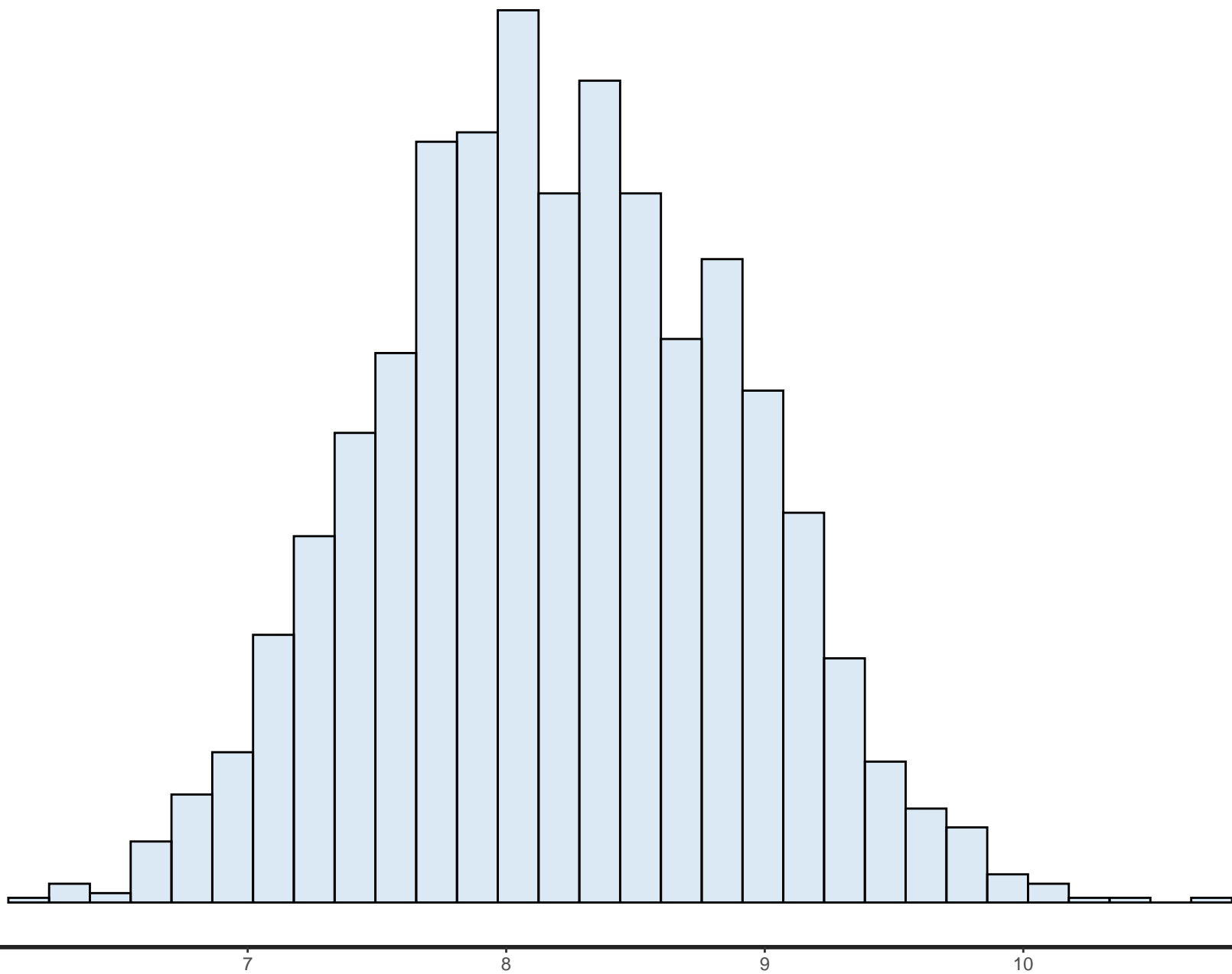


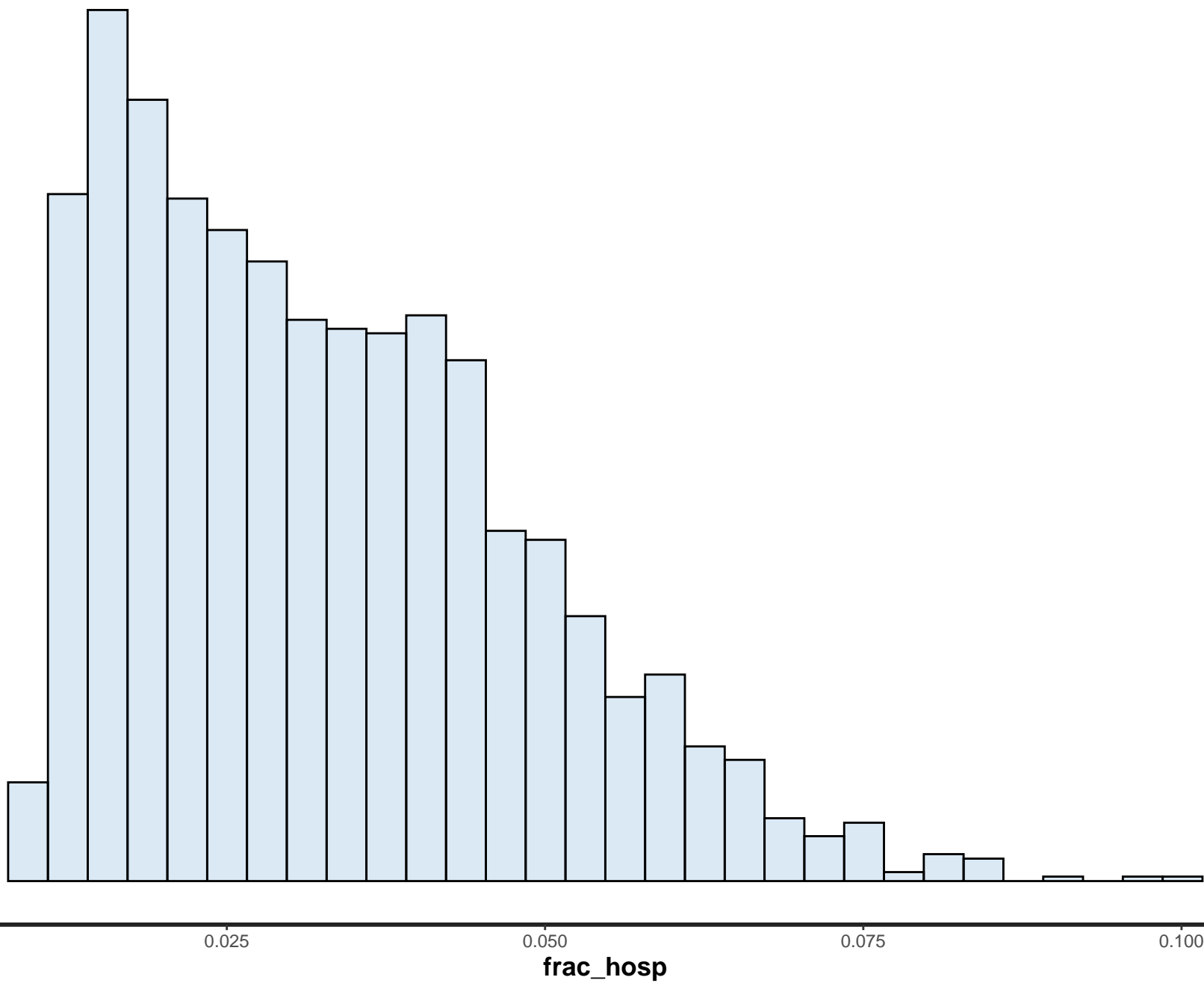


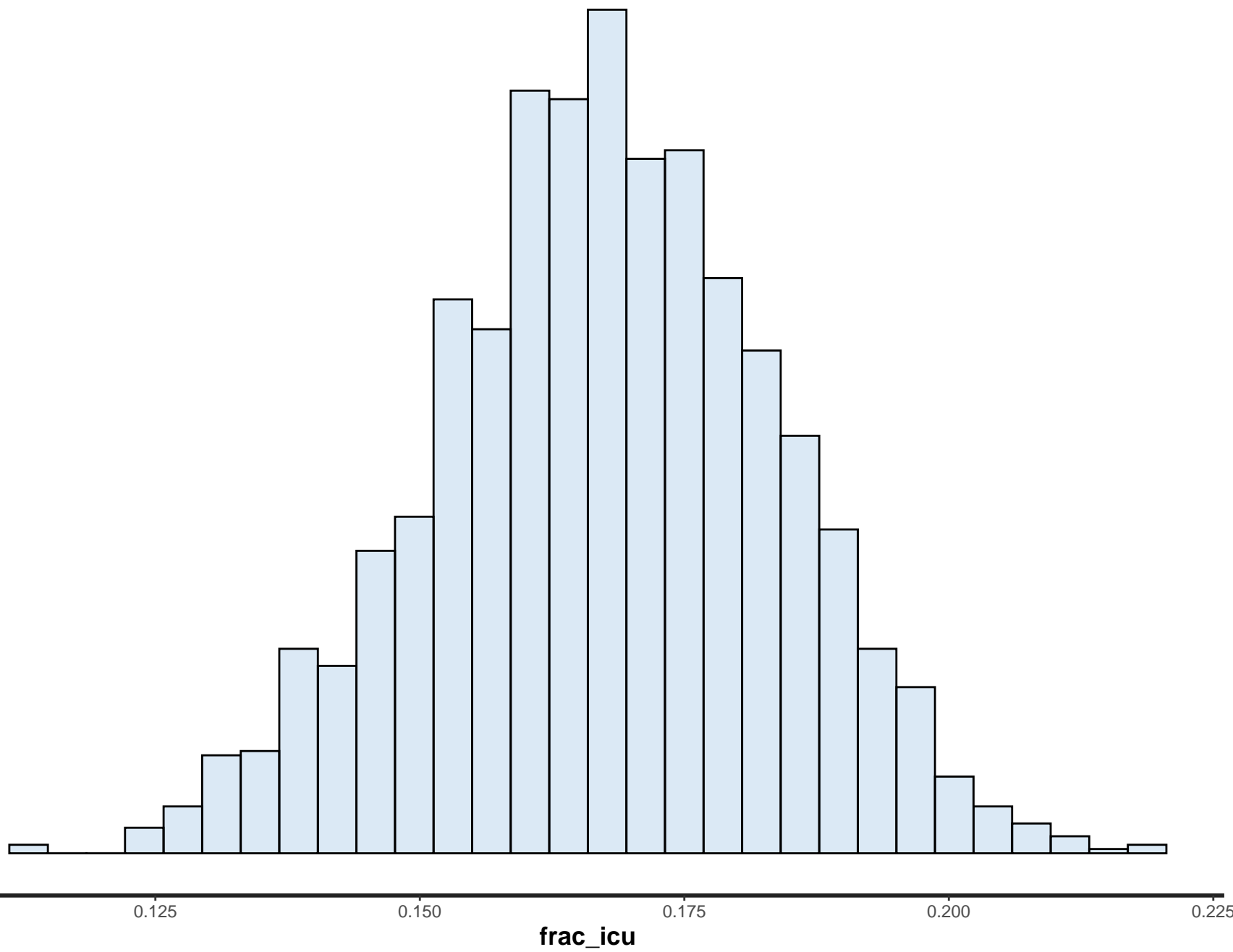


duration\_pre\_hosp

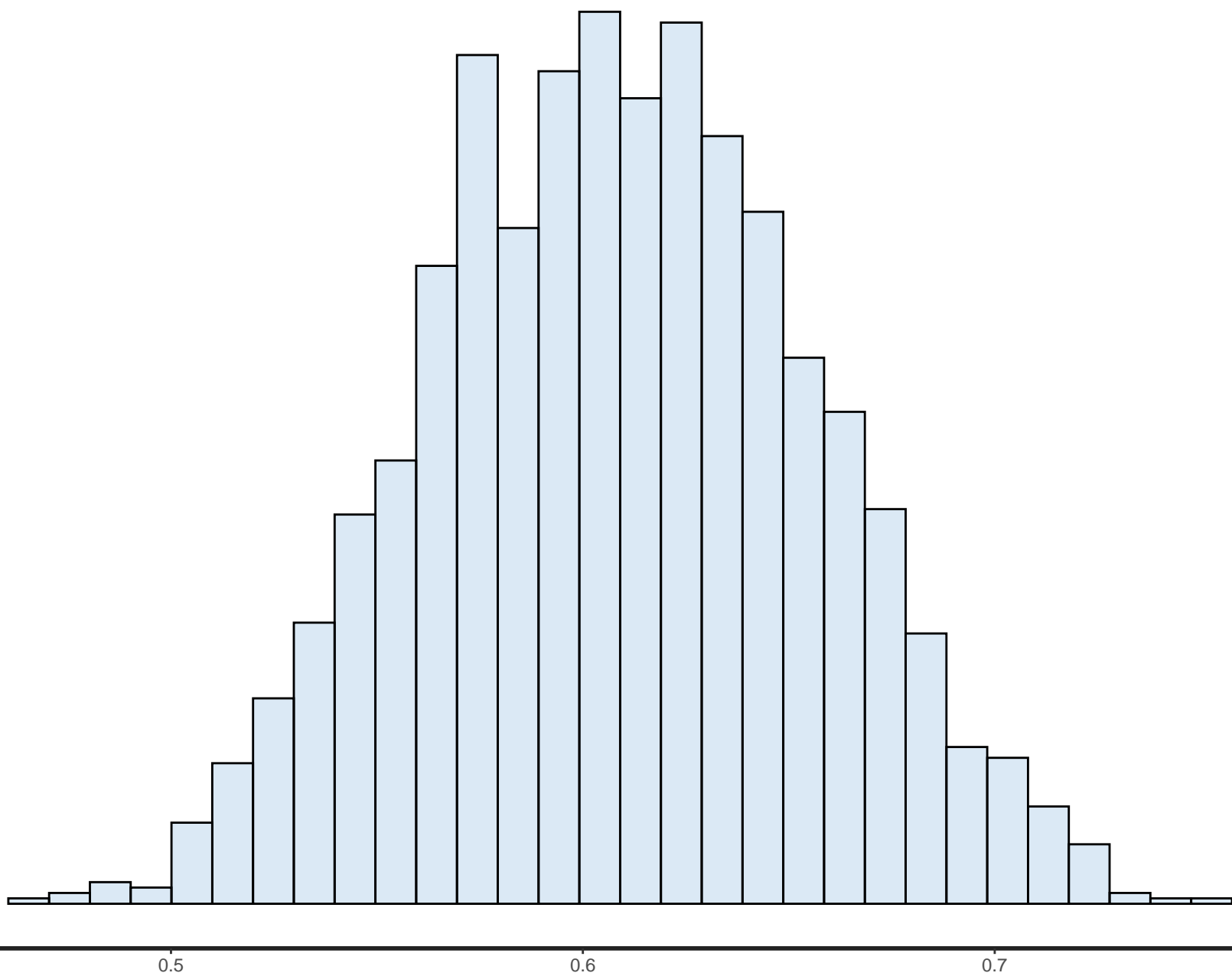




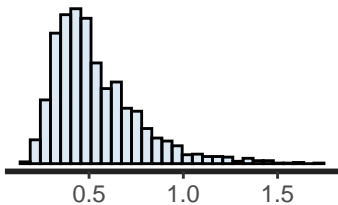




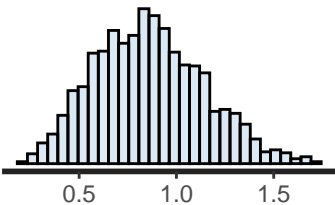




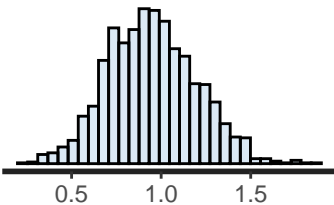
beta\_multiplier[1]



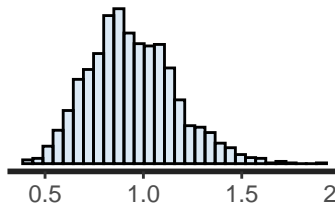
beta\_multiplier[2]



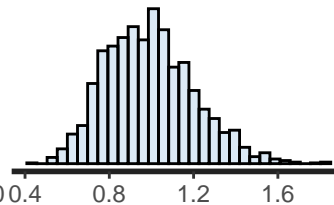
beta\_multiplier[3]



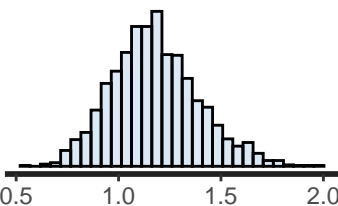
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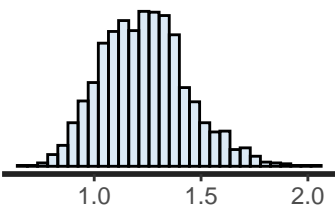
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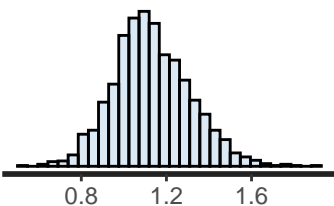
beta\_multiplier[6]



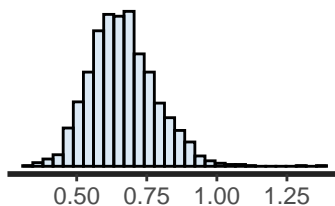
beta\_multiplier[7]



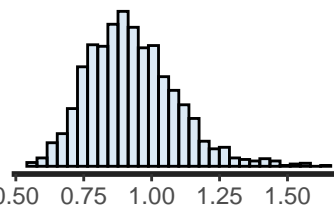
beta\_multiplier[8]



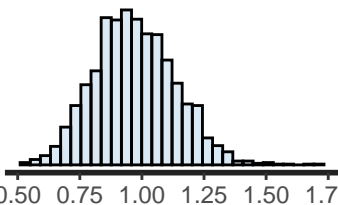
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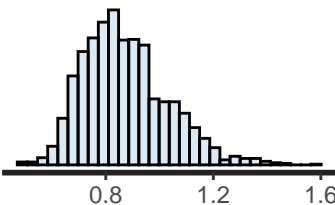
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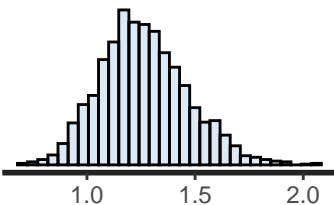
beta\_multiplier[11]



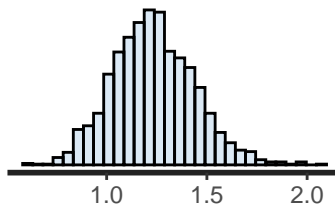
beta\_multiplier[12]



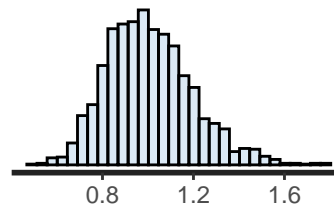
beta\_multiplier[13]



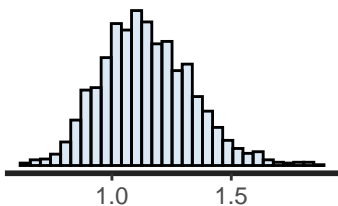
beta\_multiplier[14]



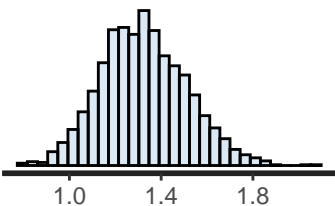
beta\_multiplier[15]



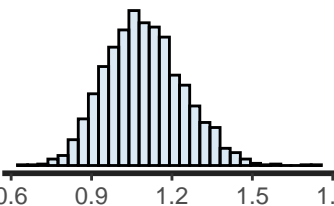
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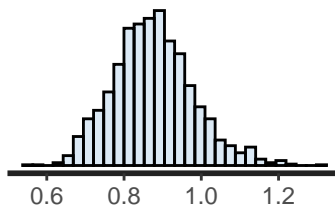
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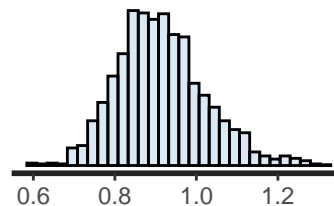
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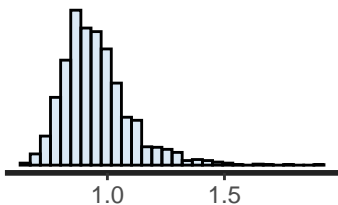
beta\_multiplier[19]



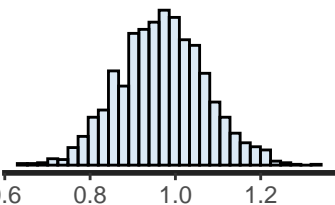
beta\_multiplier[20]



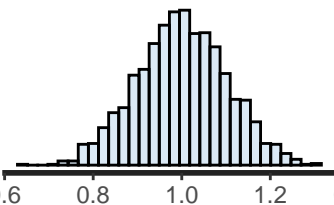
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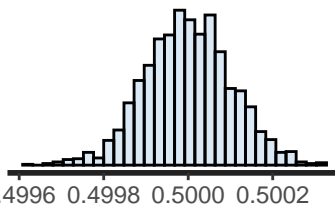
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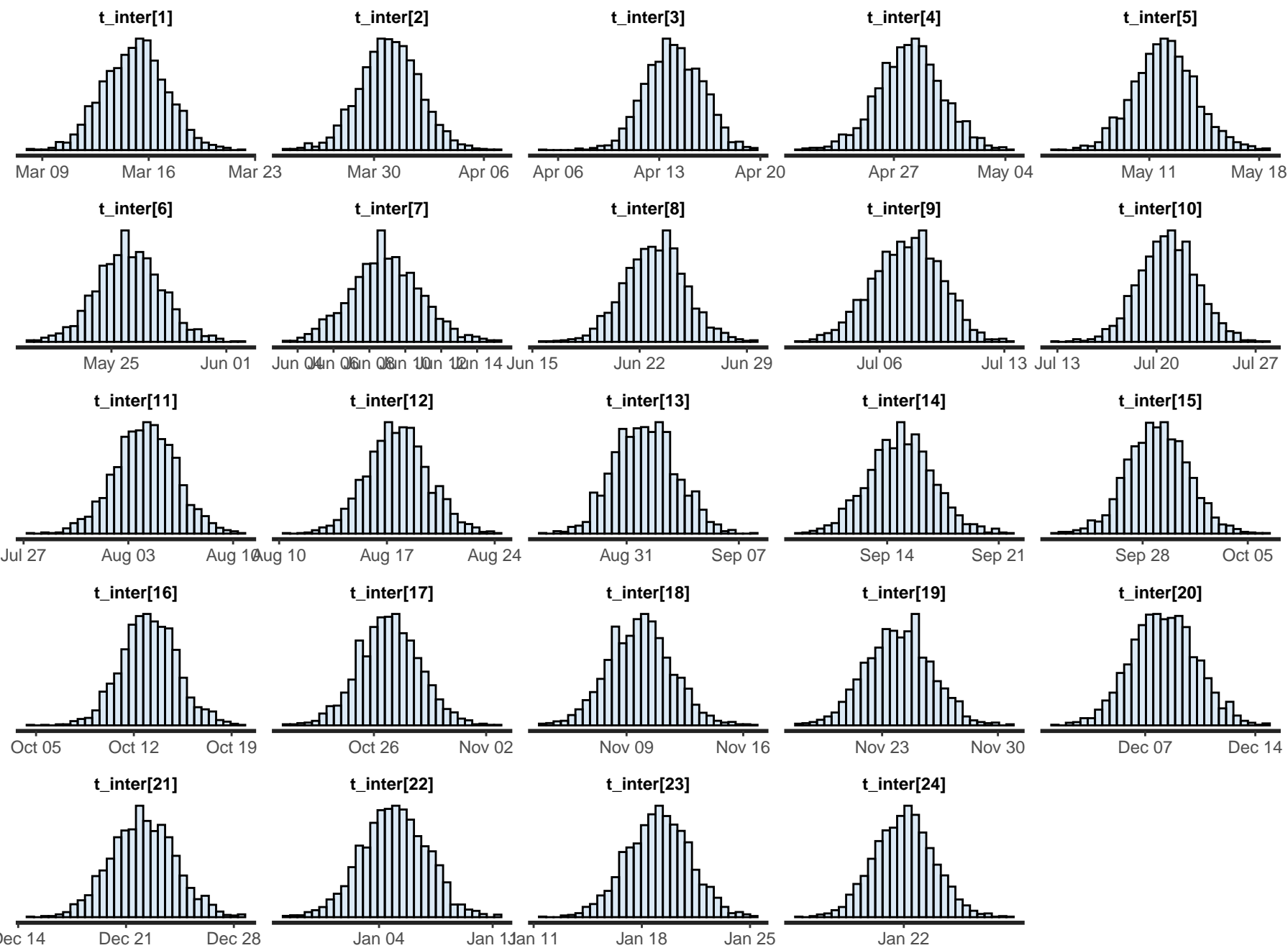


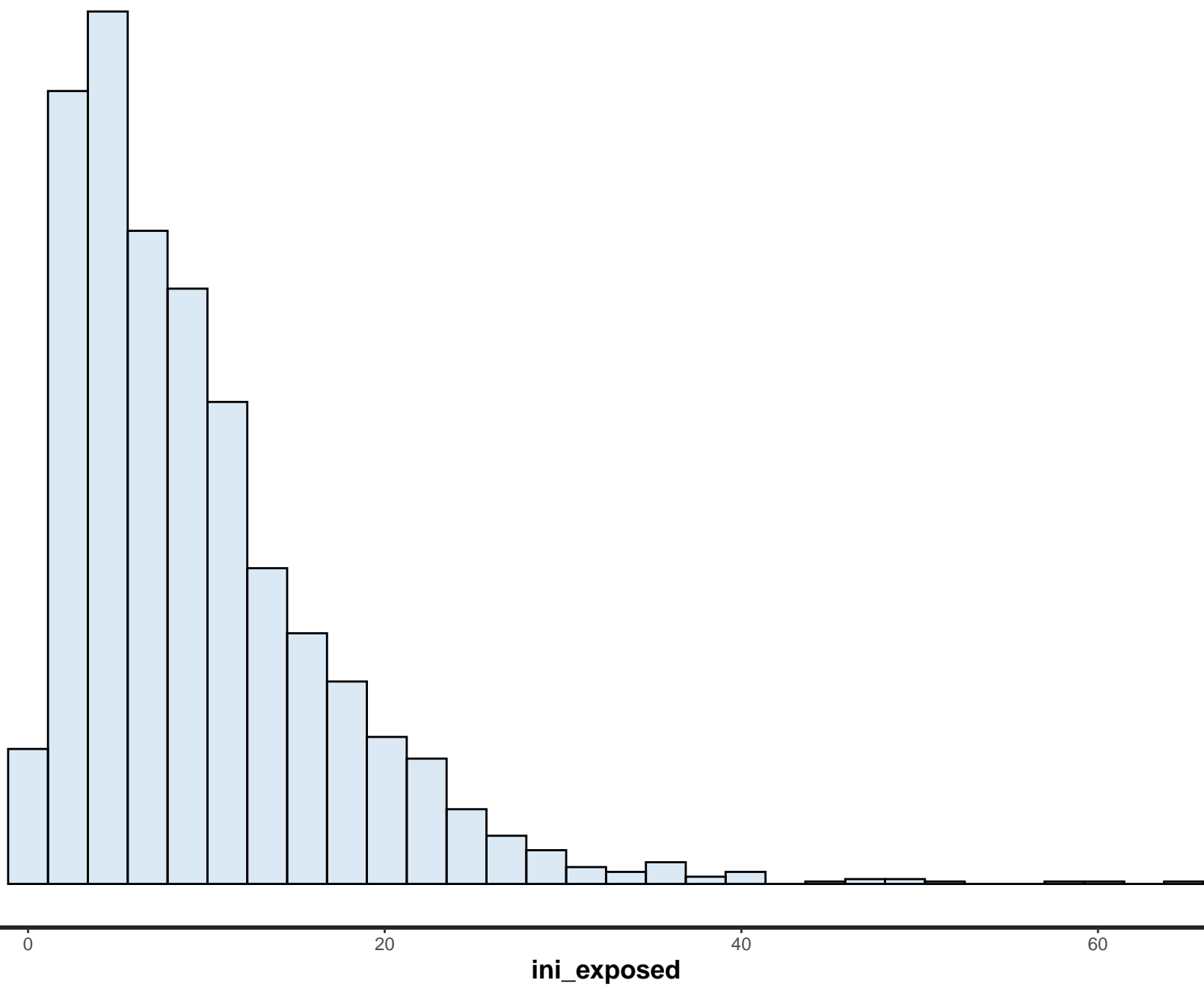
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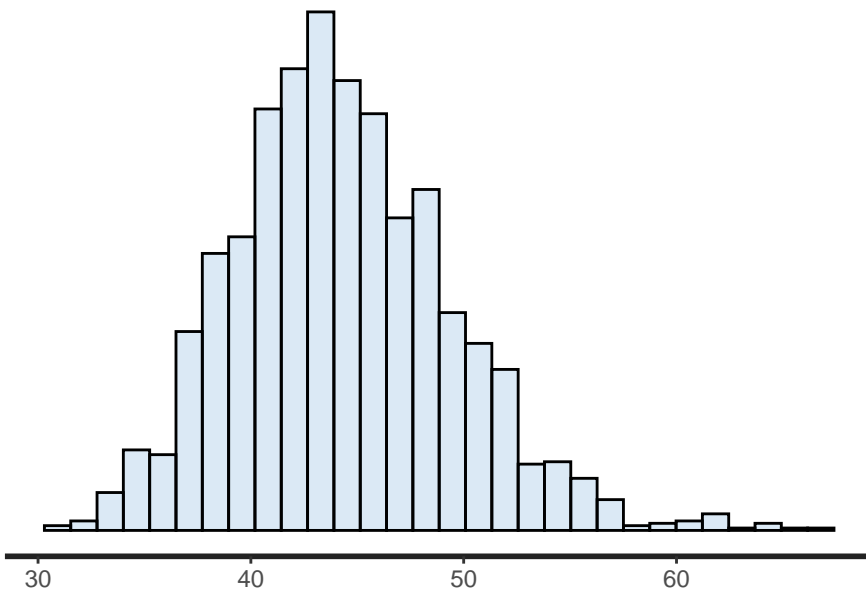
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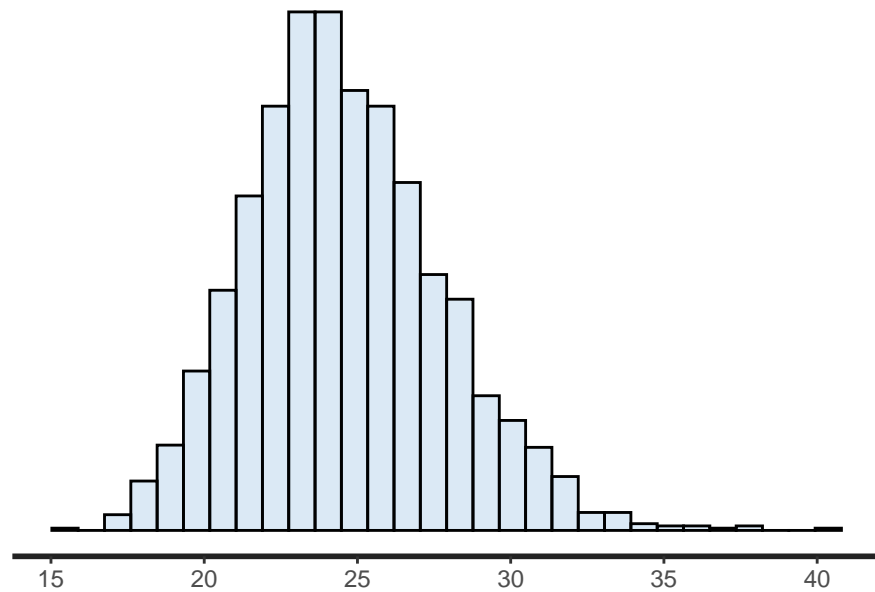




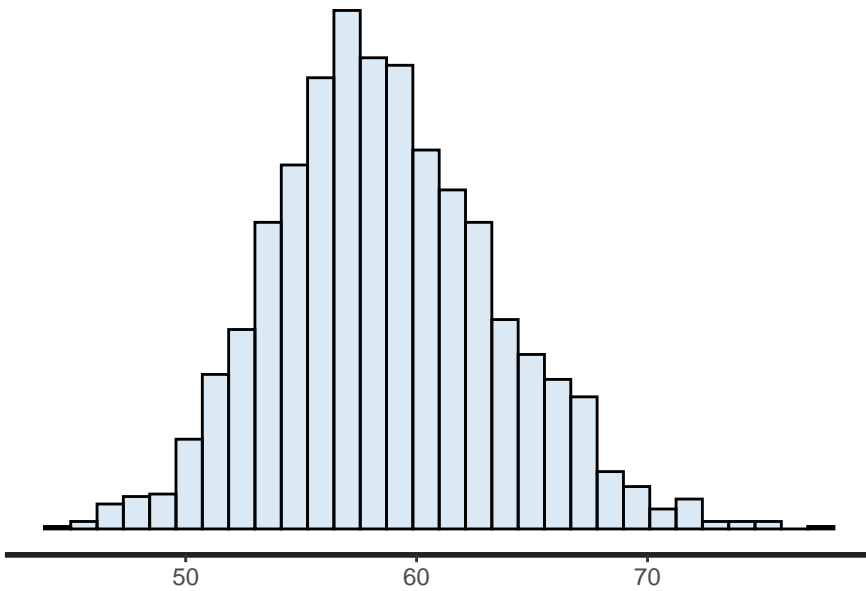
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

