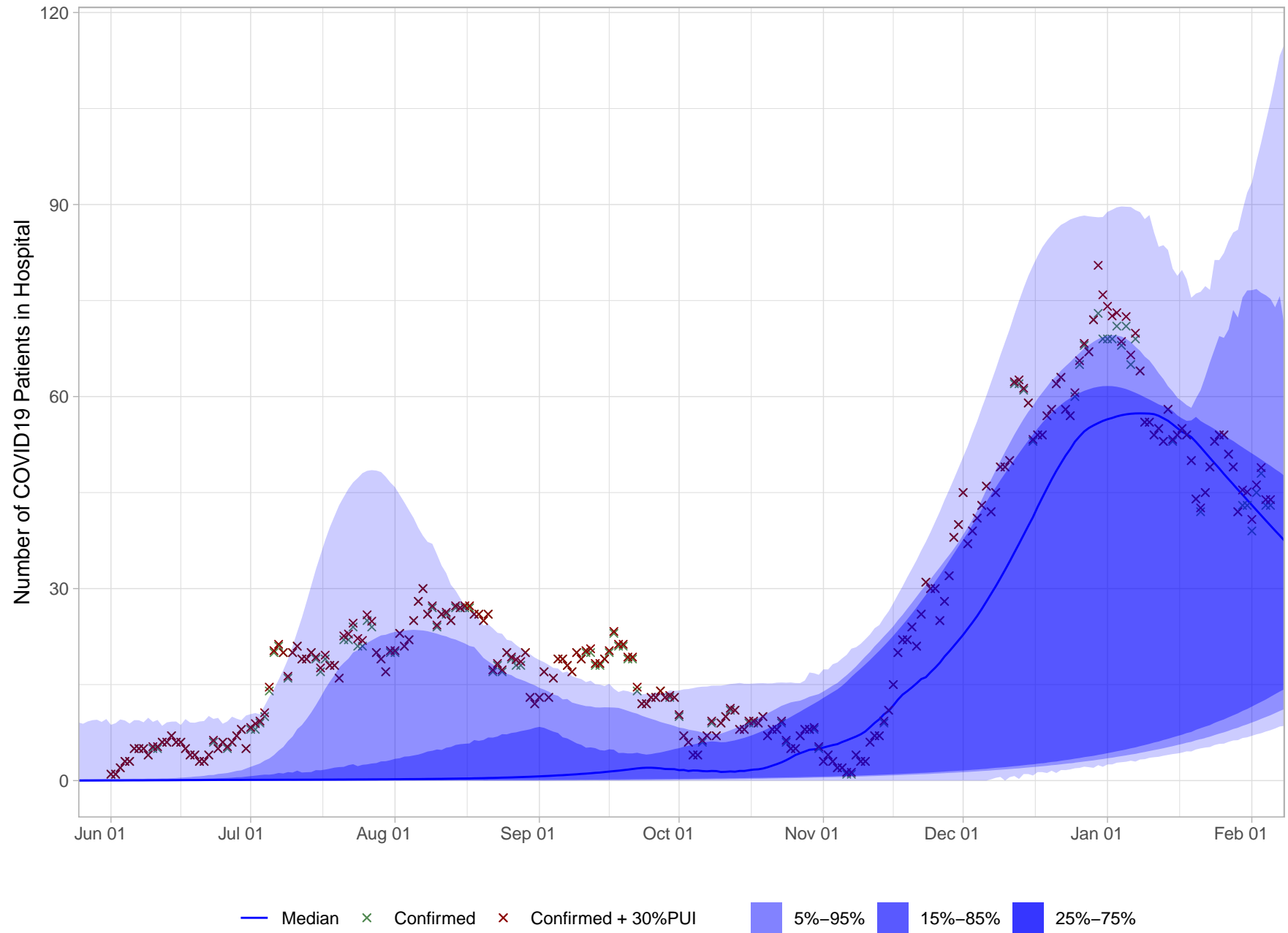
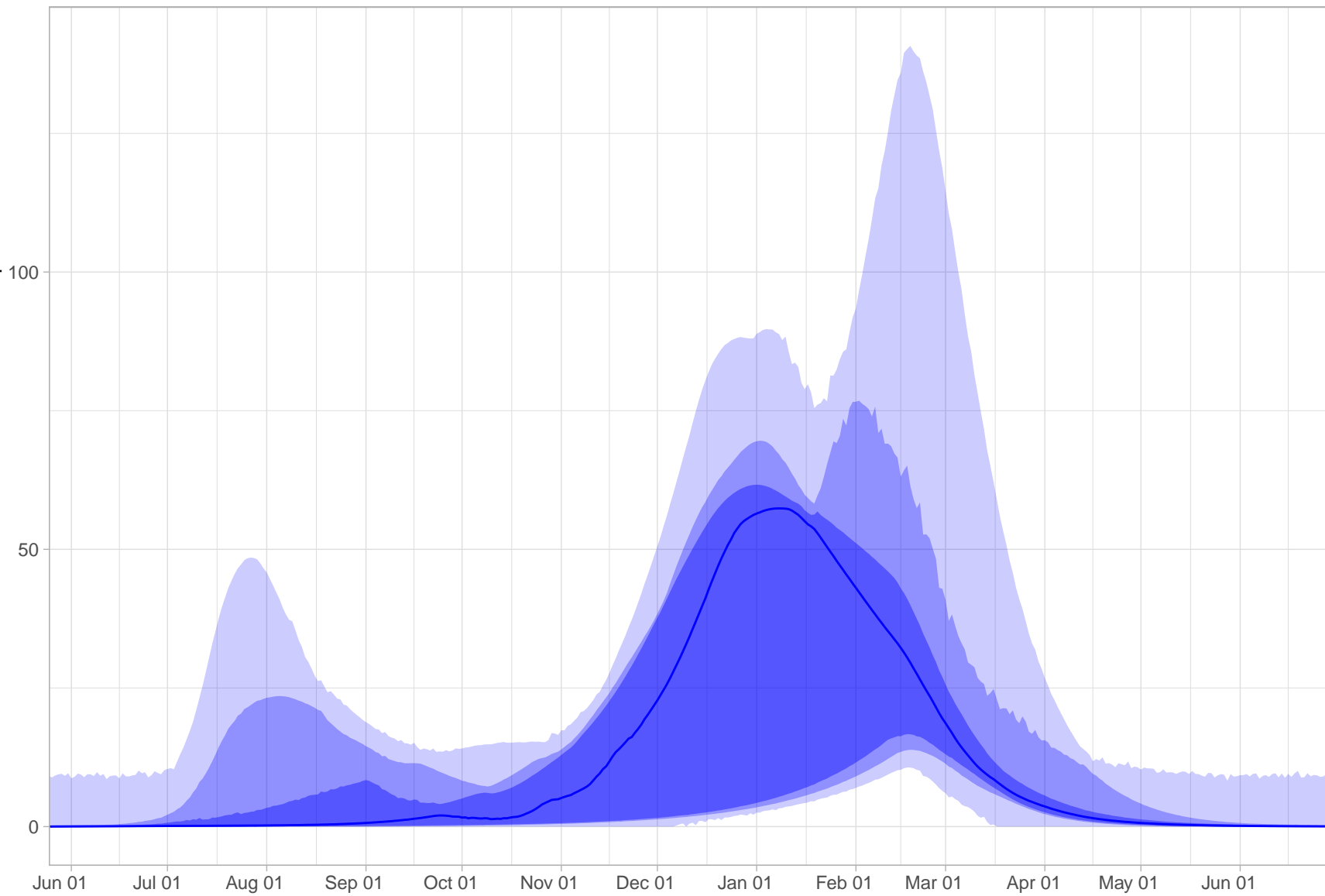


# Short Term Hospitalization Projection



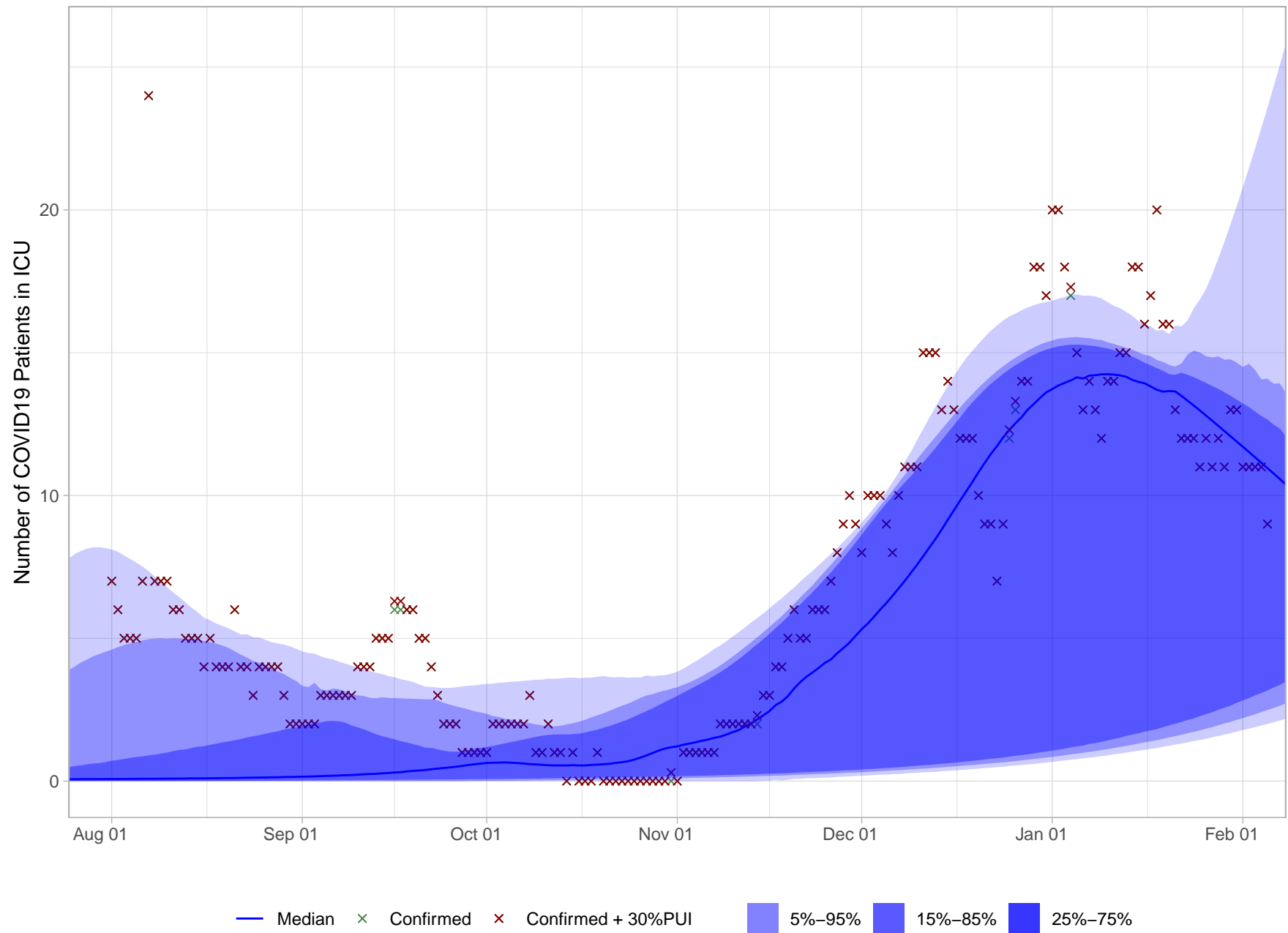
# Long Term Hospitalization Projection

Number of COVID19 Patients in Hospital

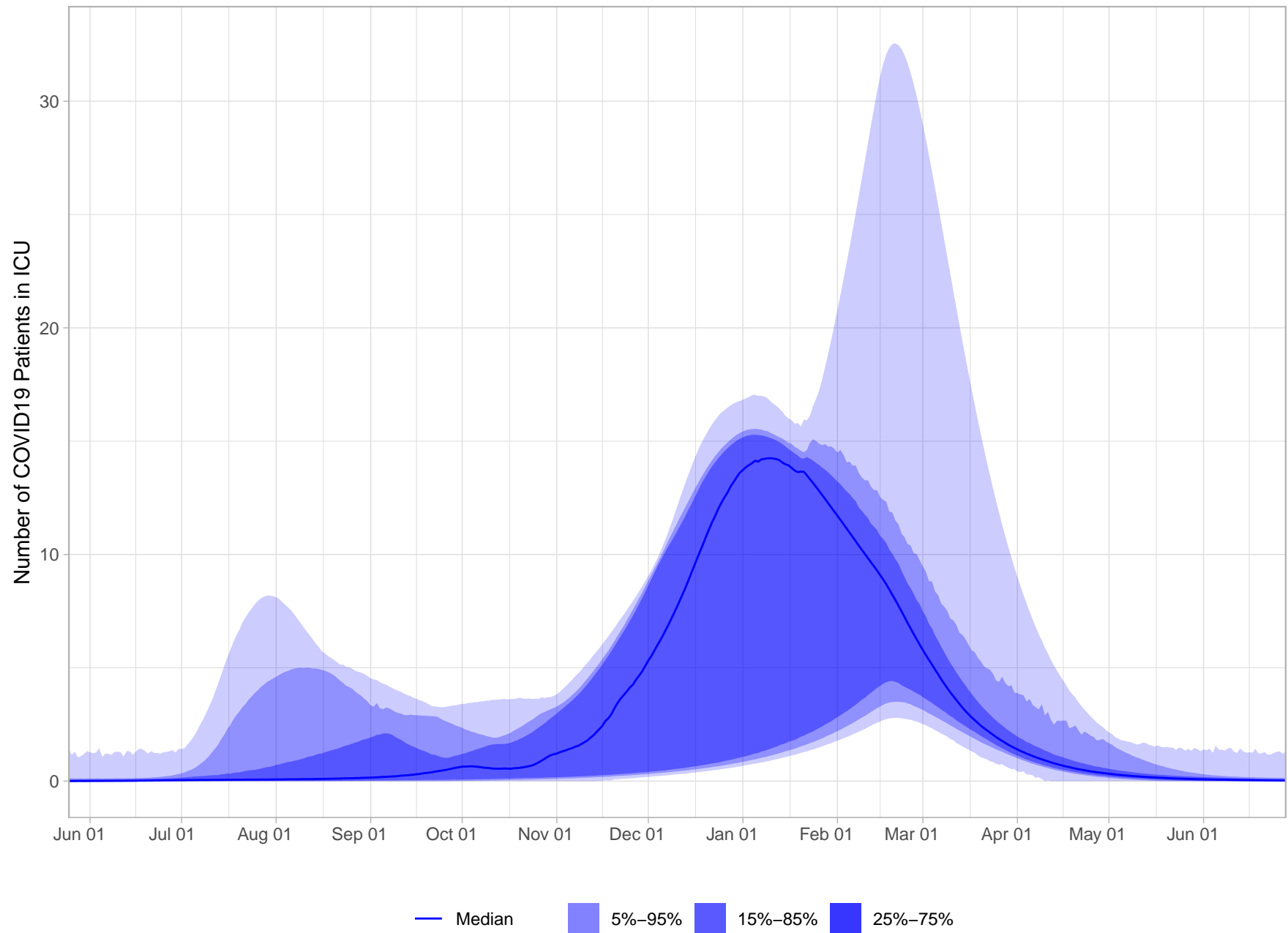


— Median    5%-95%    15%-85%    25%-75%

# Short Term ICU Projection

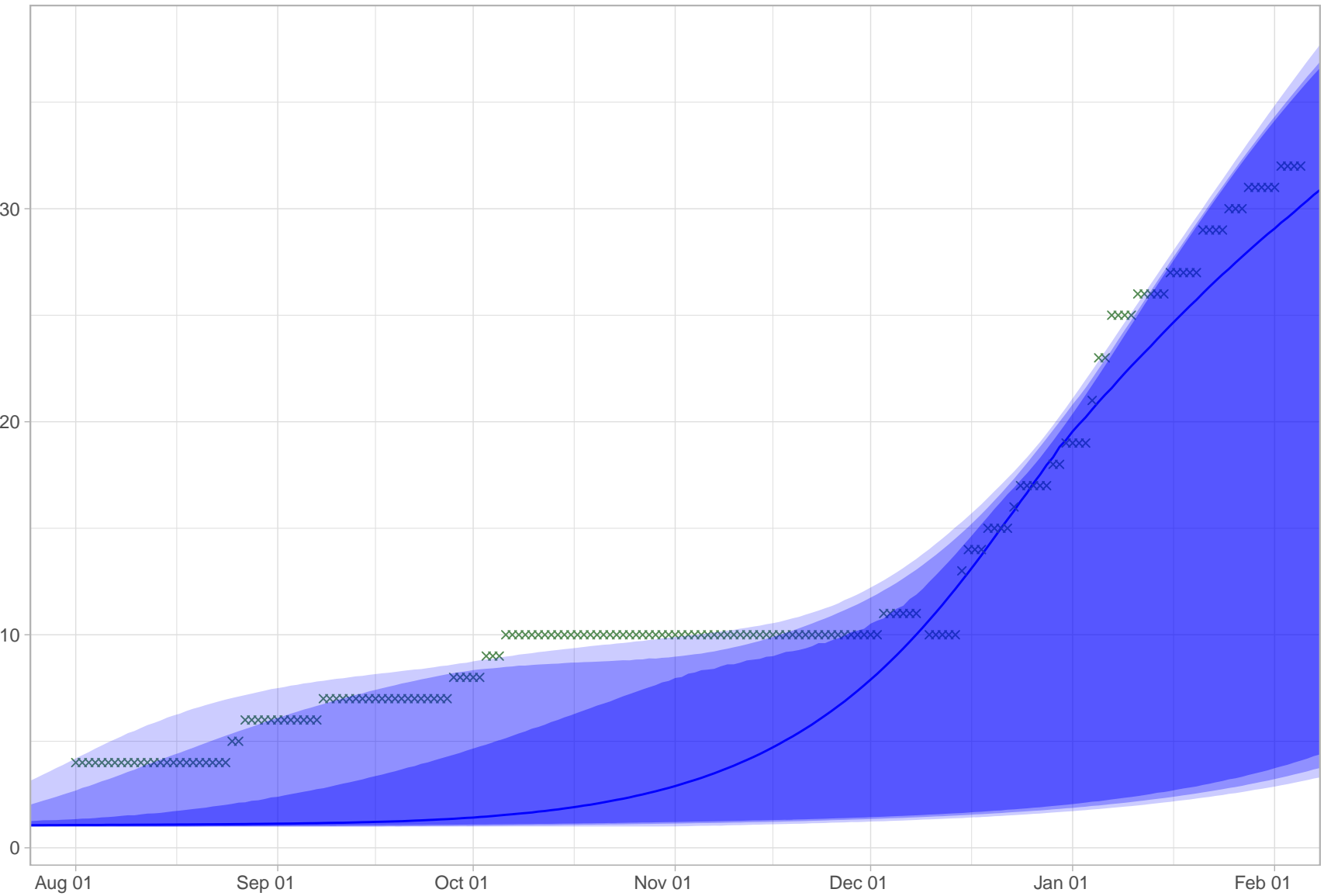


# Long Term ICU Projection



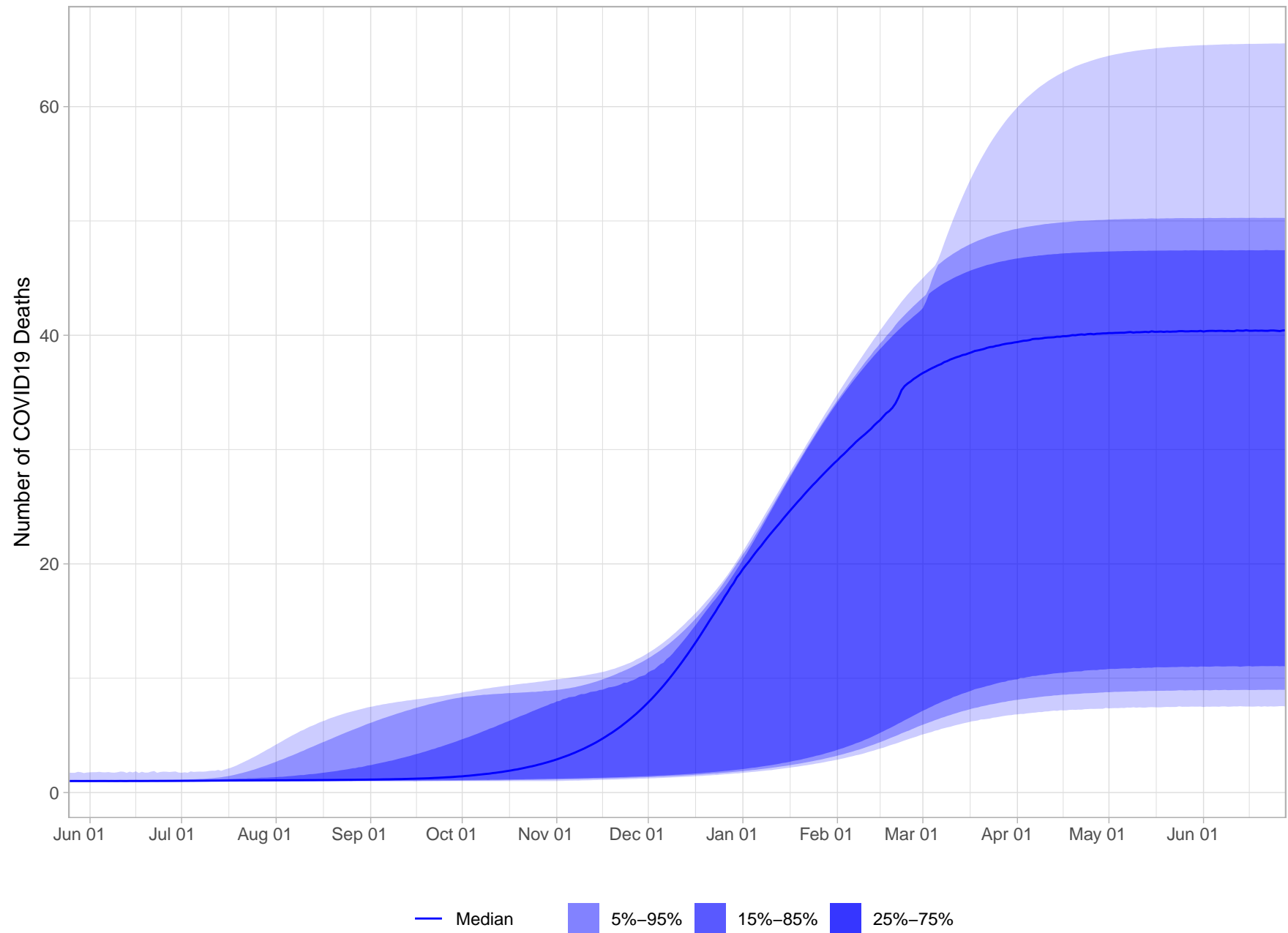
# Short Term Death Projection

Number of COVID19 Deaths

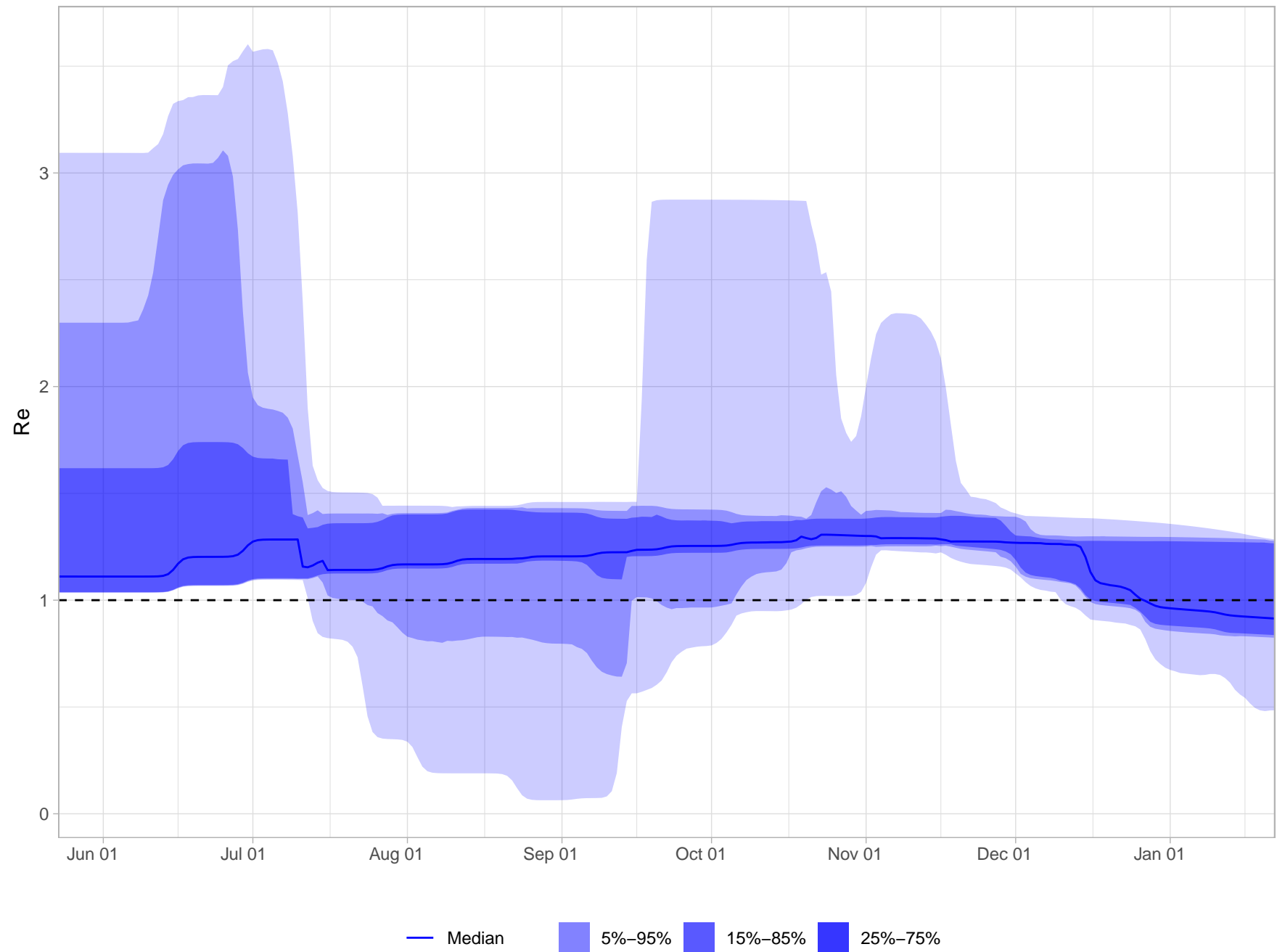


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

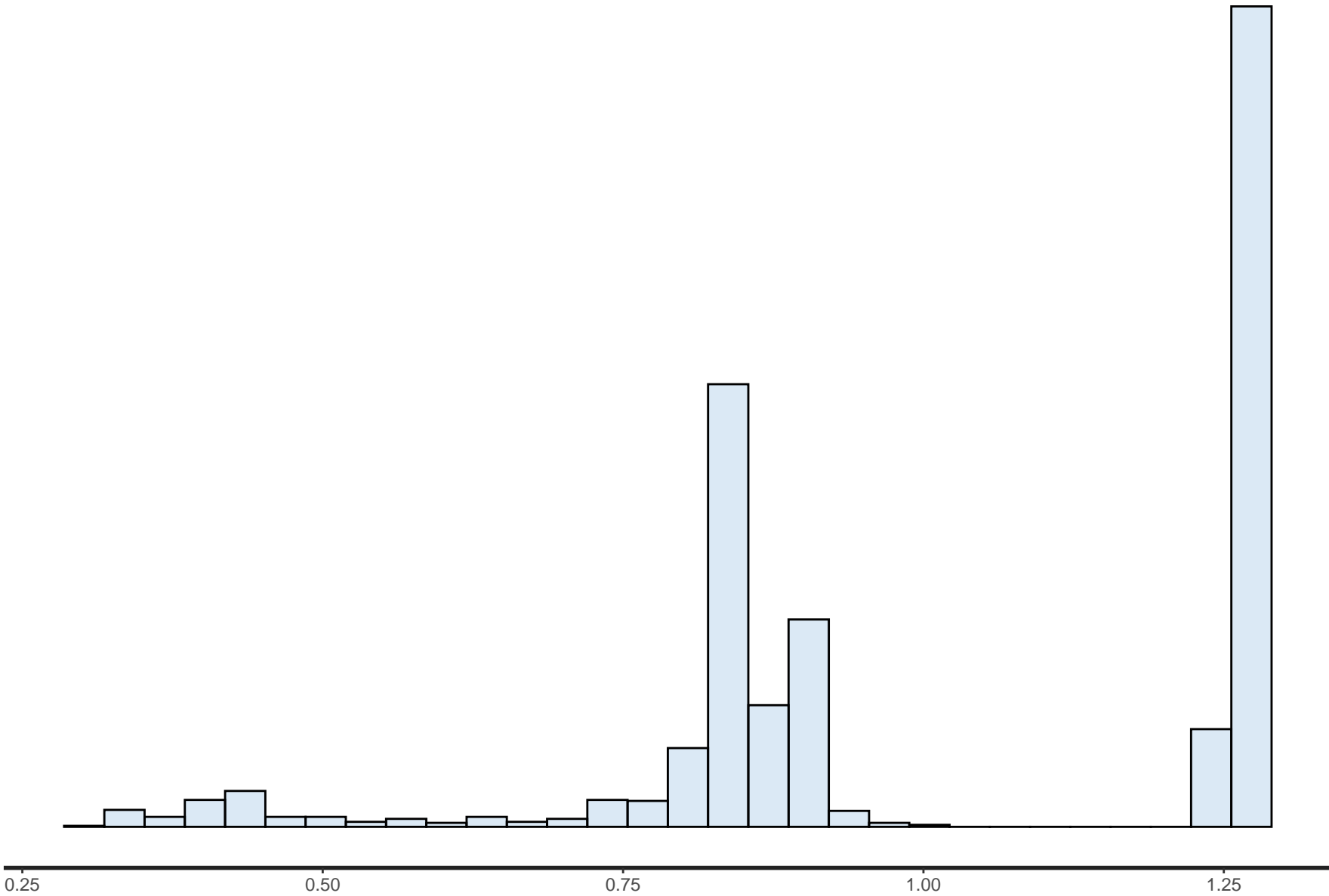


Effective Reproduction Number

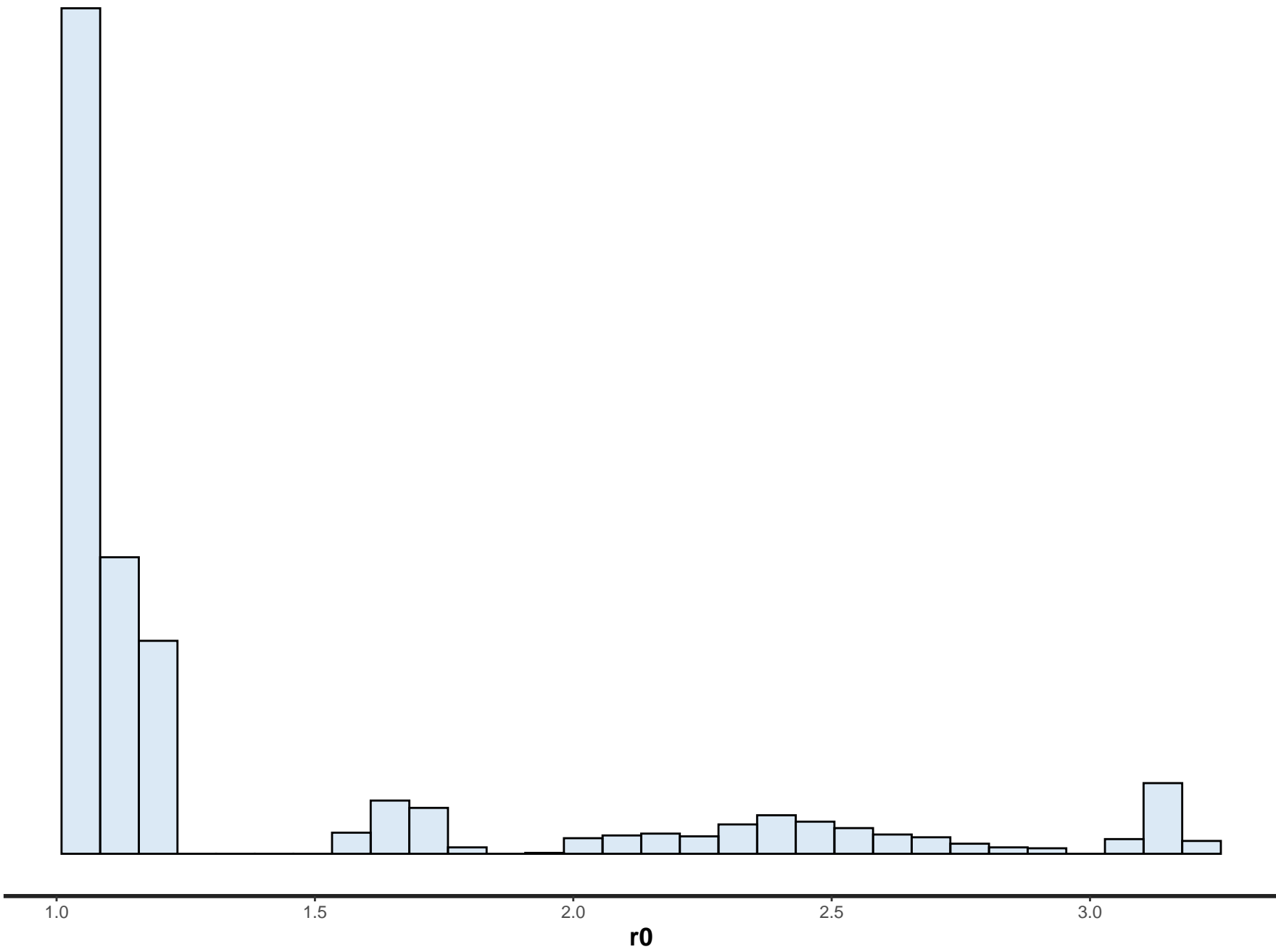


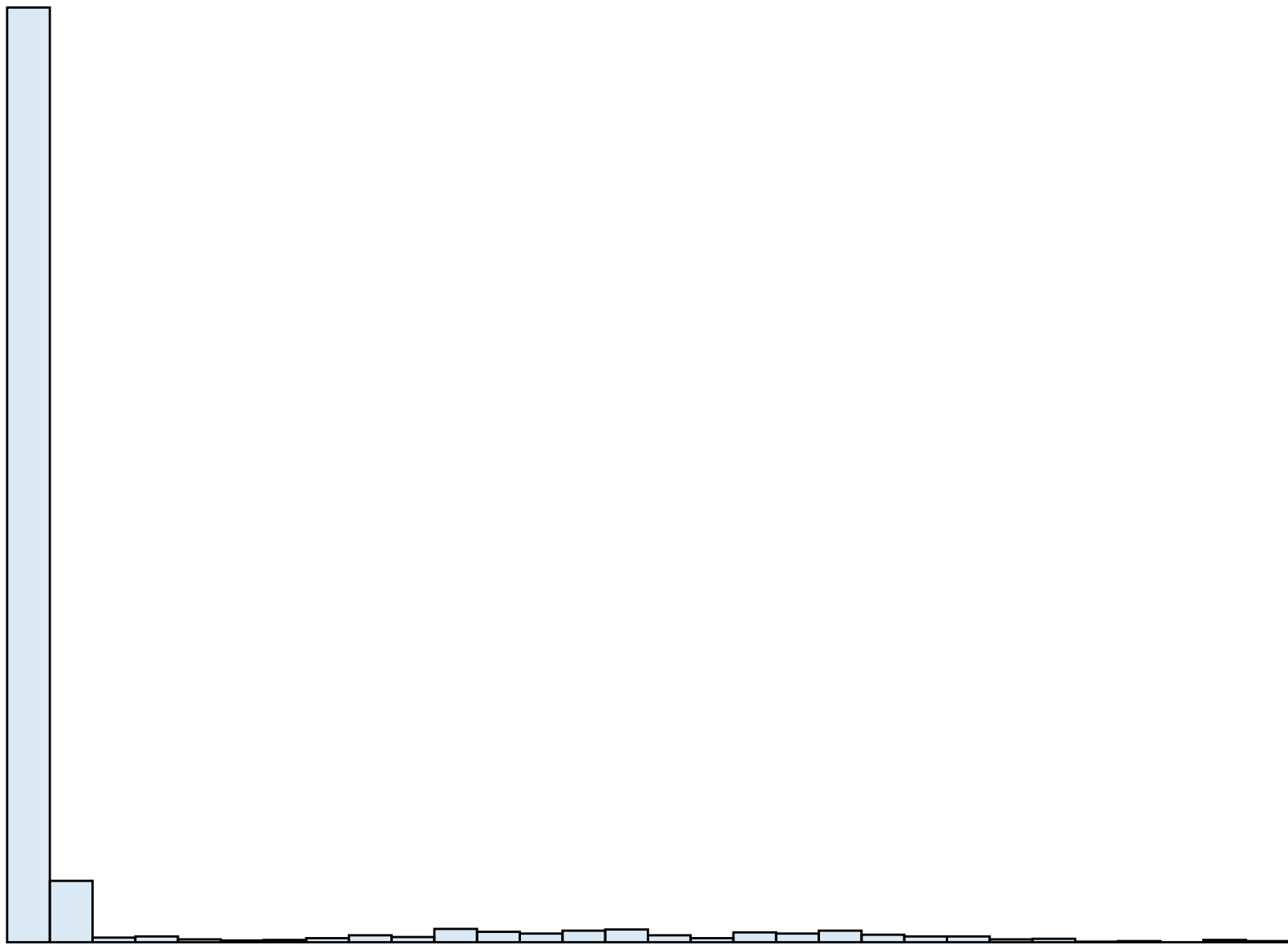
# Rt as of 2021-01-22

5% 10% 25% 50% 75% 90% 95%  
0.48 0.78 0.84 0.91 1.27 1.28 1.28

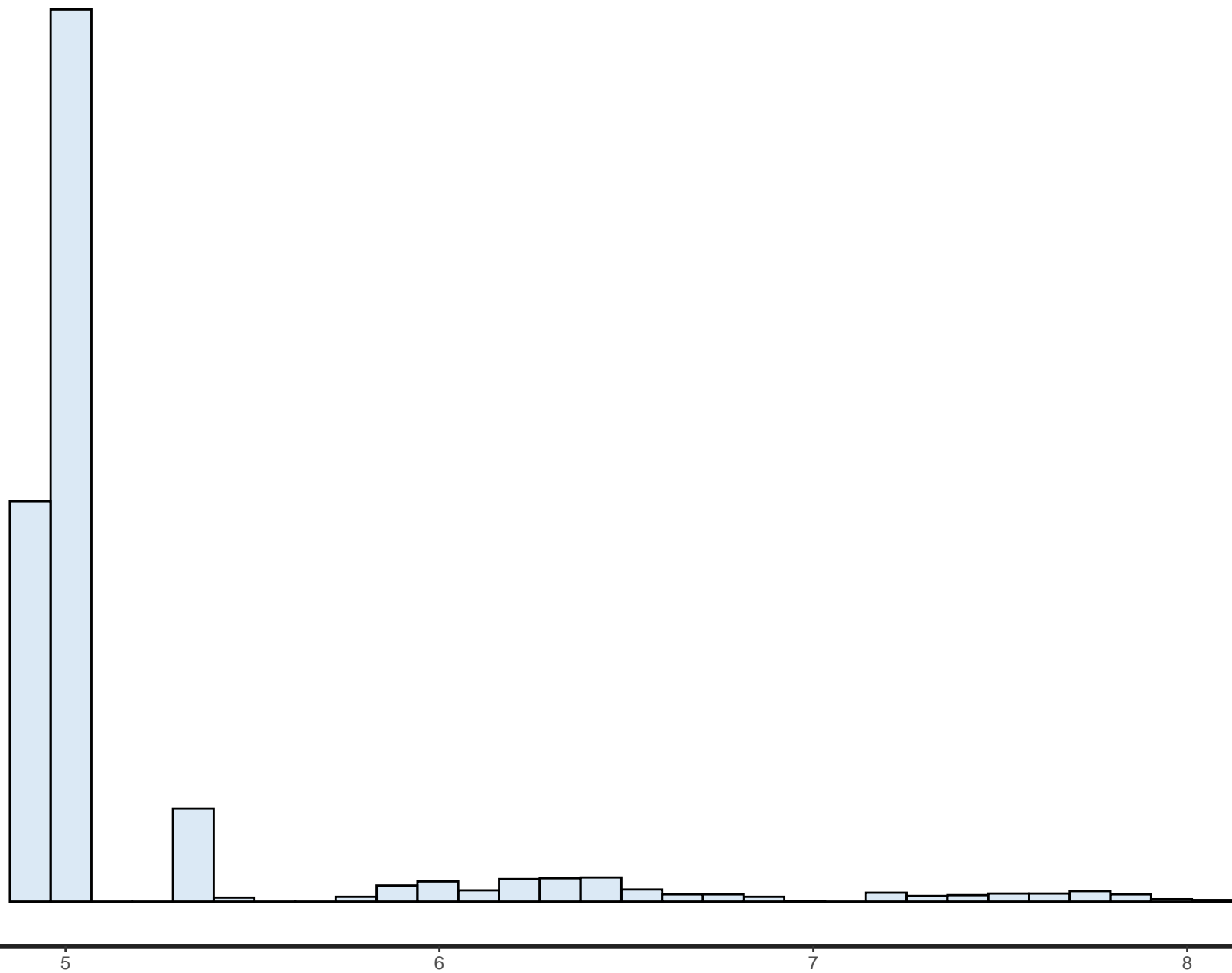


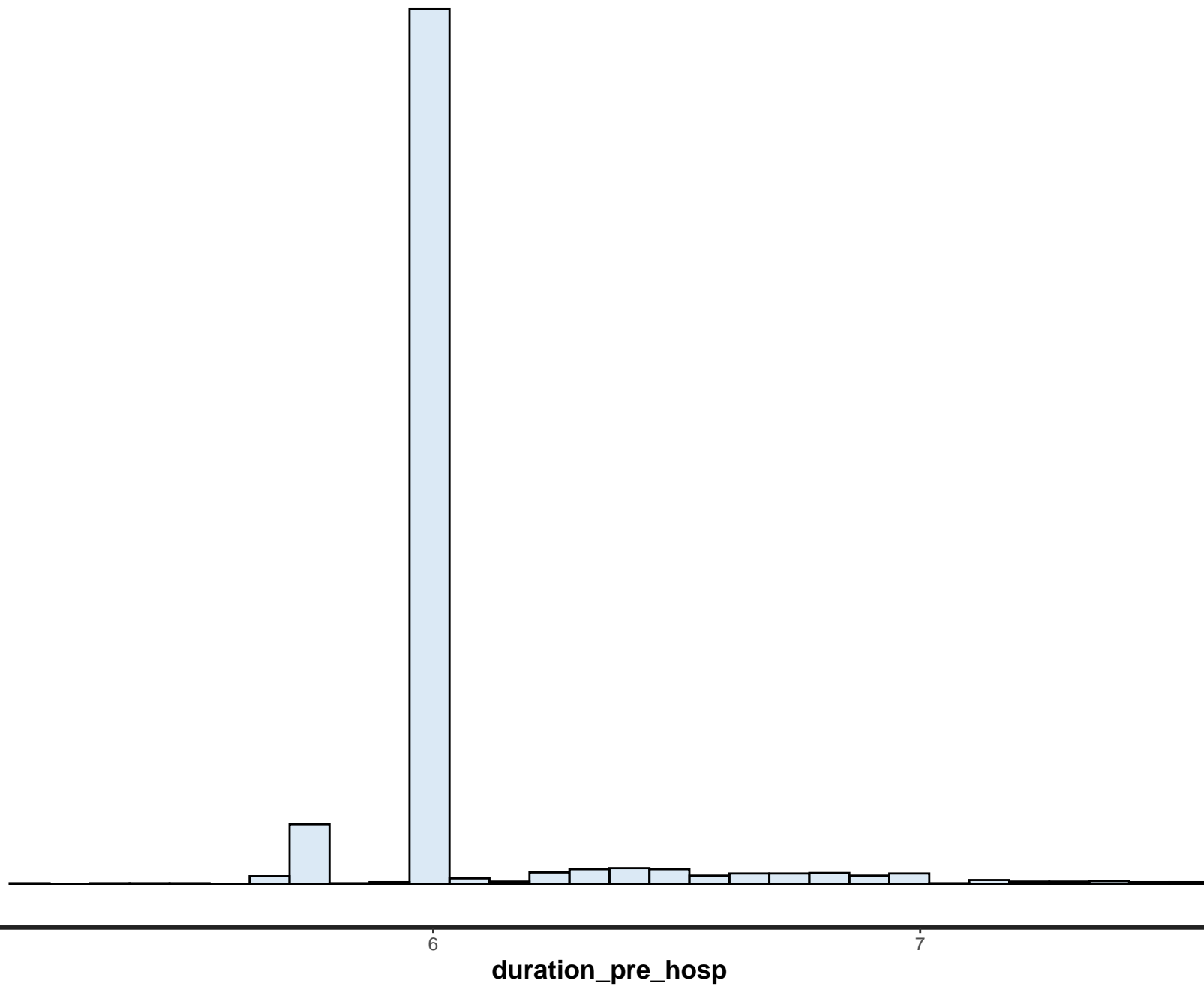


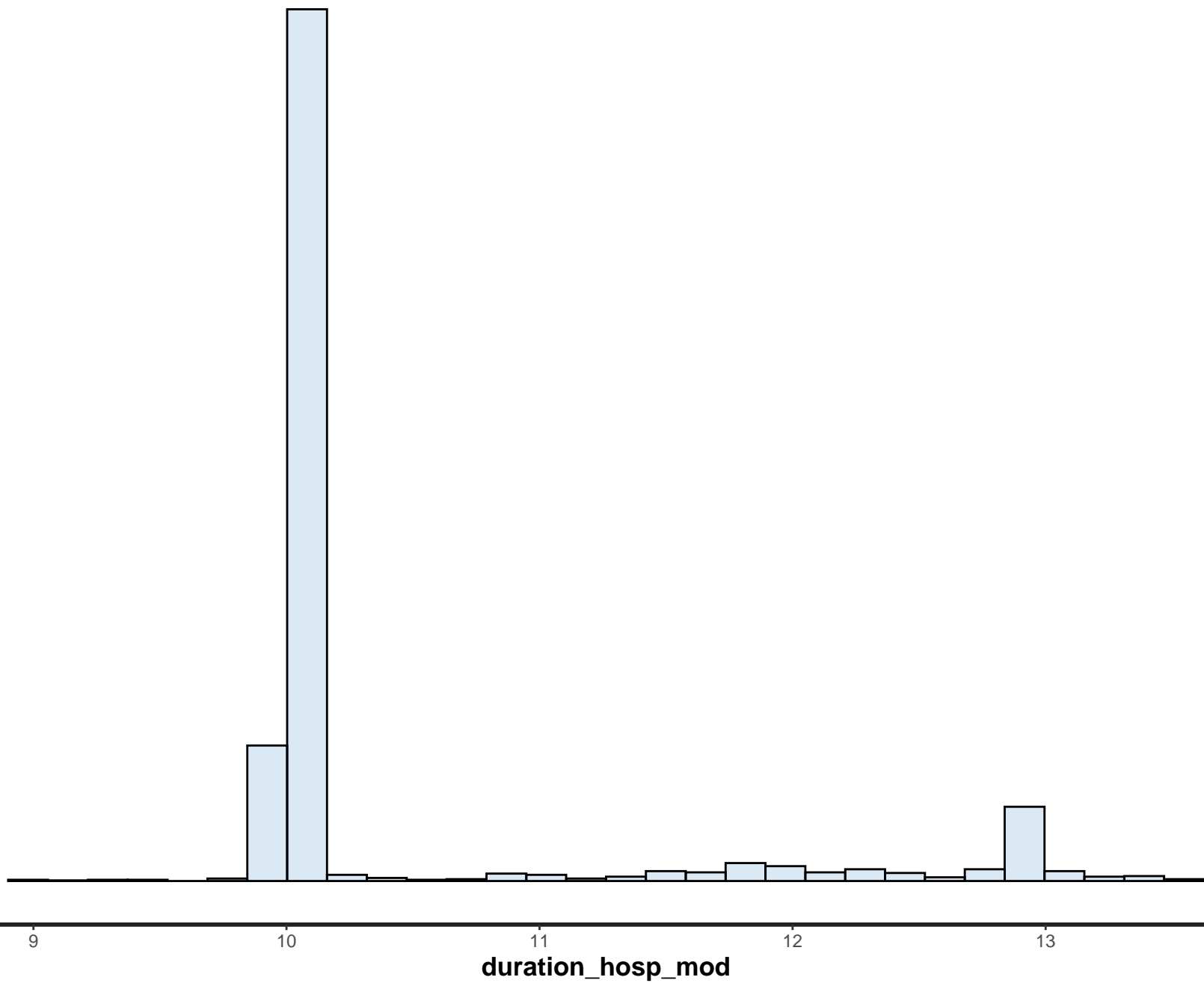


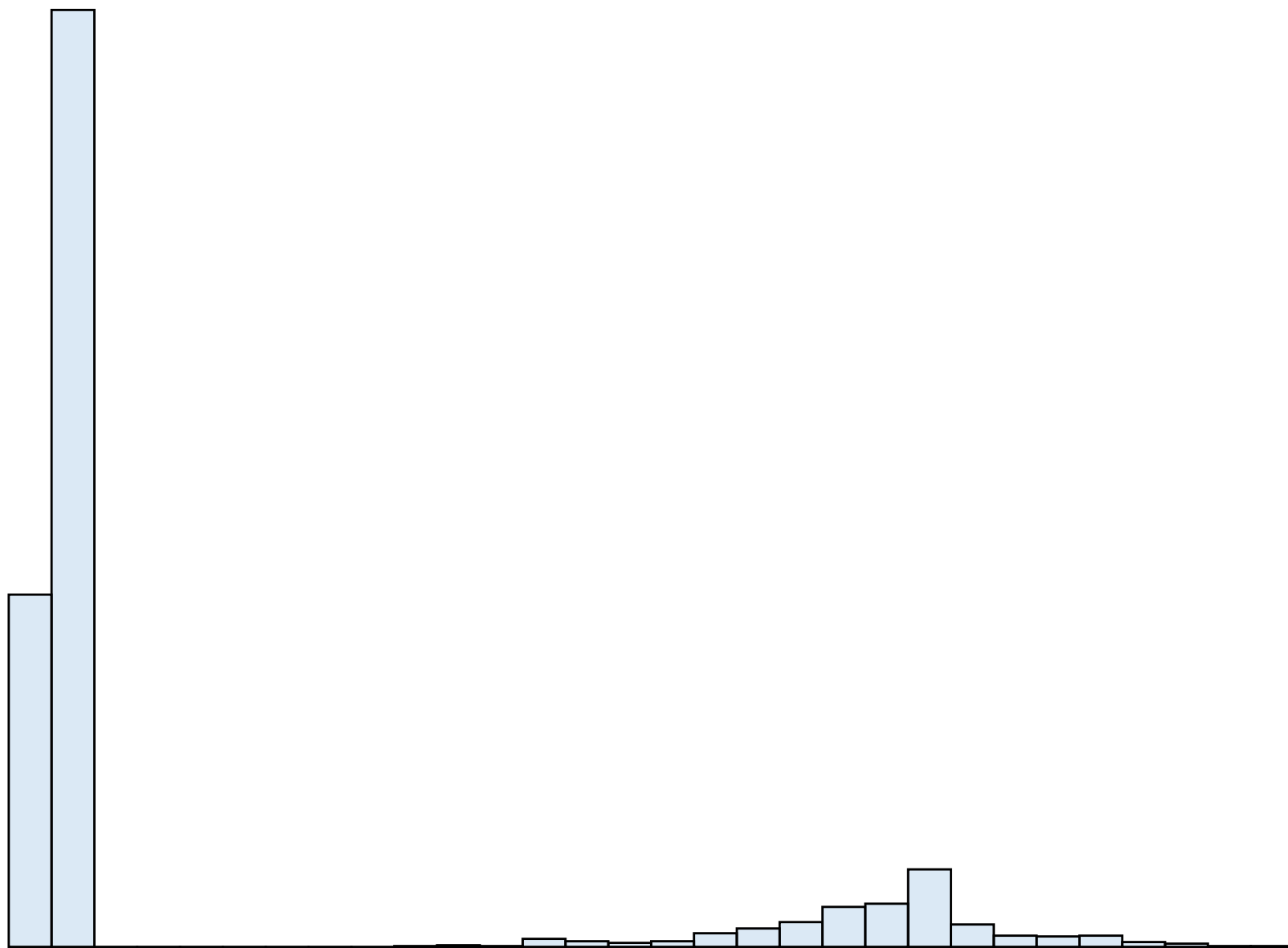


duration\_latent







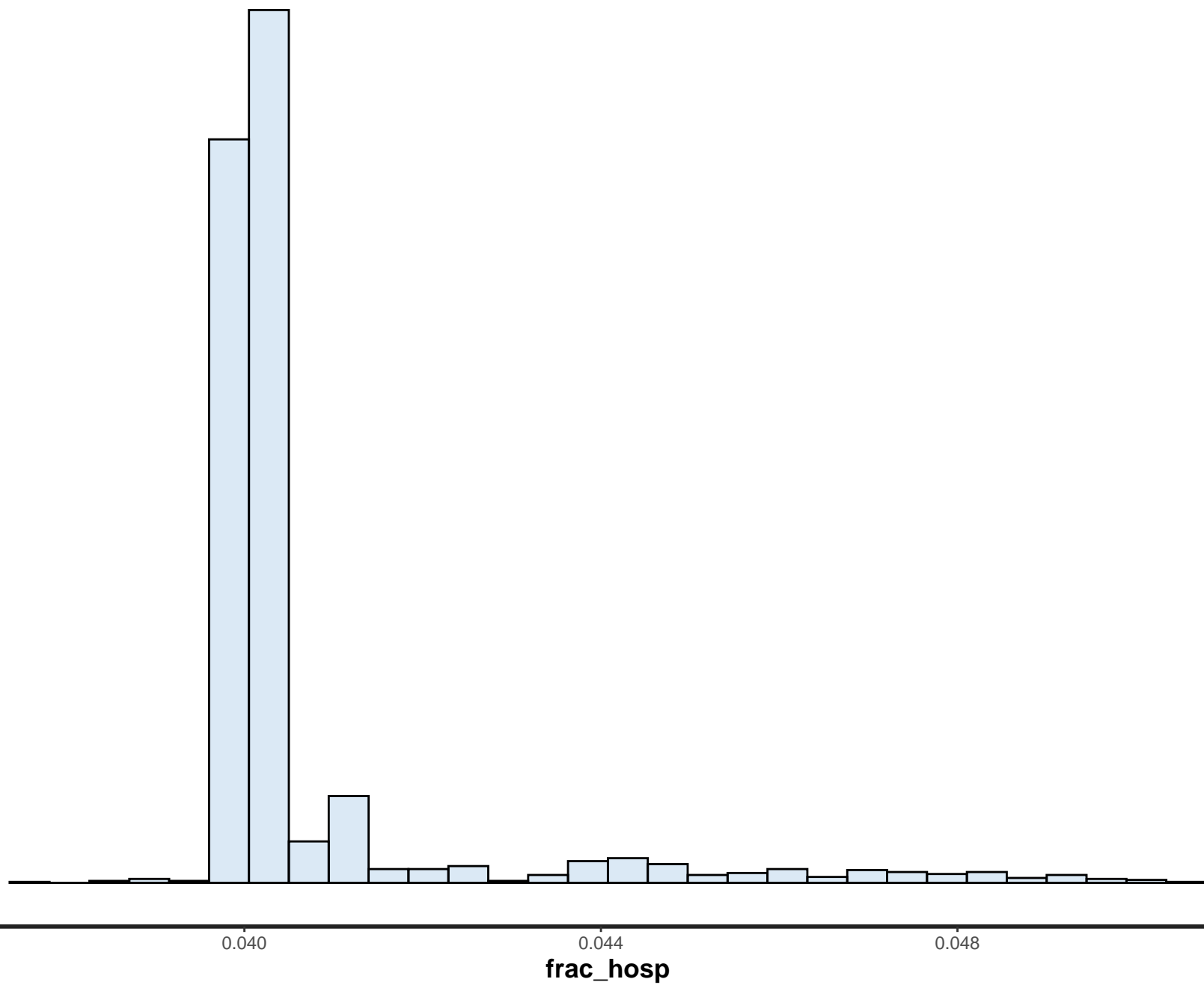


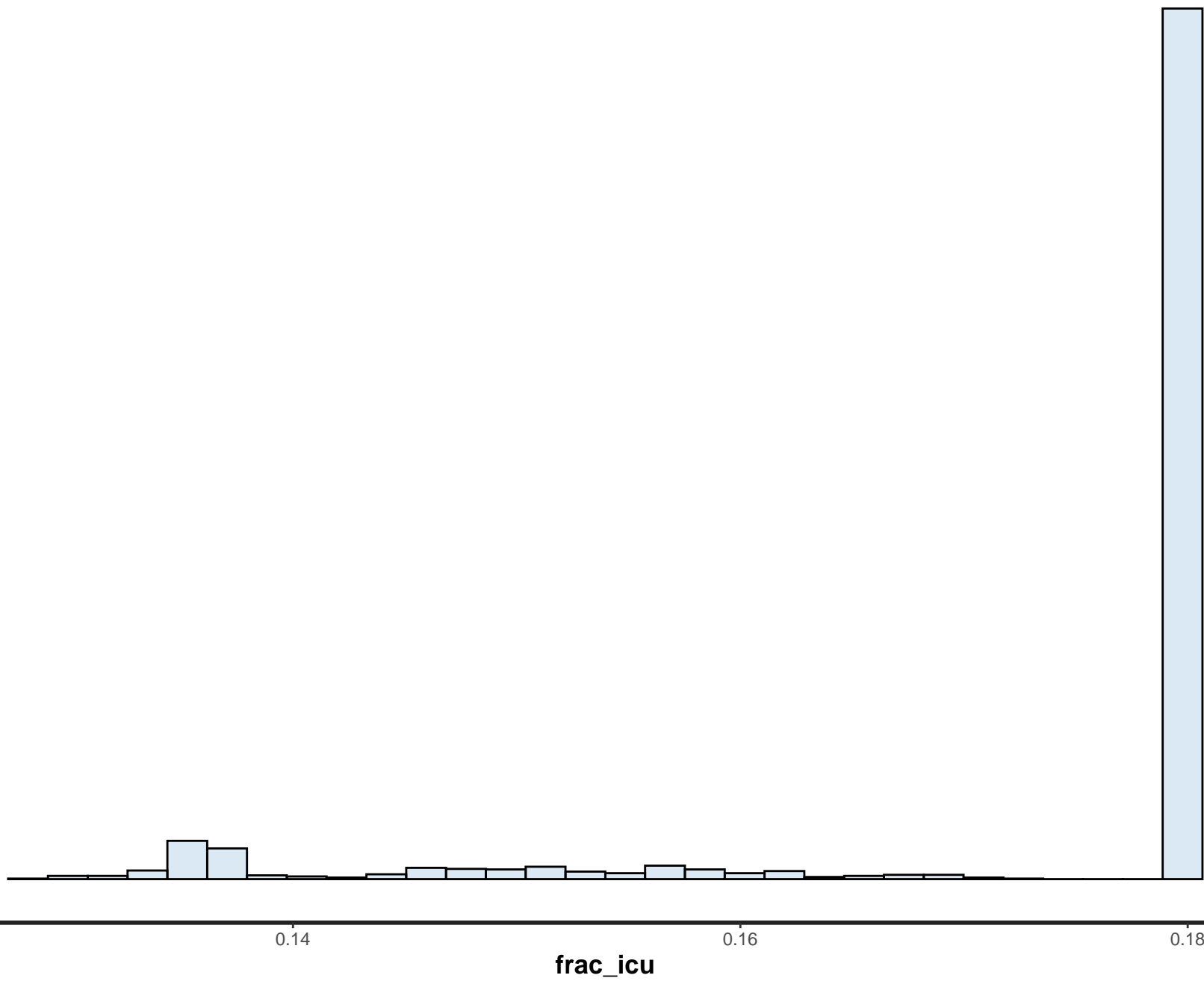
17.5

20.0

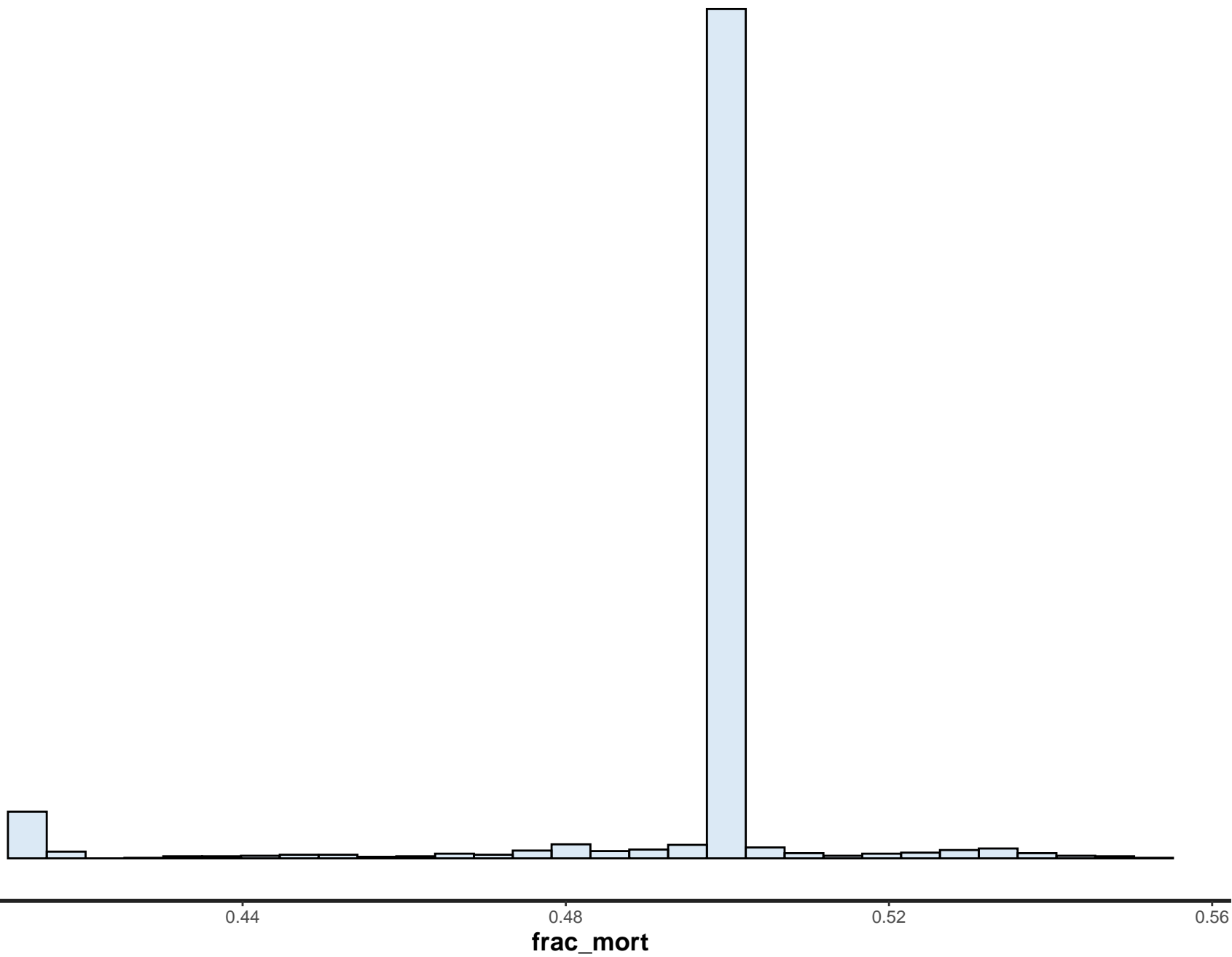
22.5

duration\_hosp\_icu

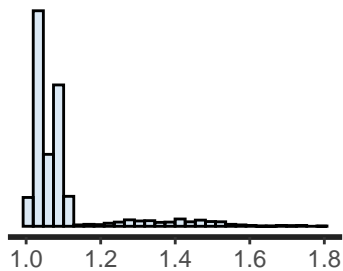




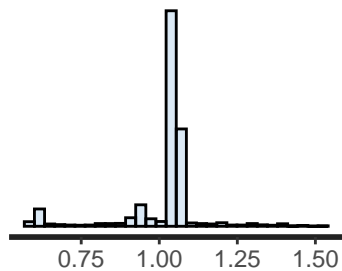




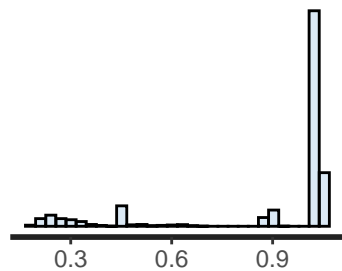
beta\_multiplier[1]



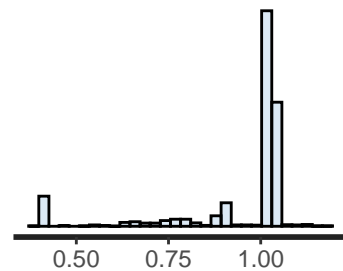
beta\_multiplier[2]



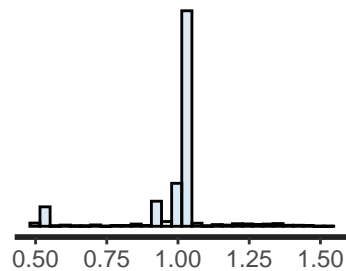
beta\_multiplier[3]



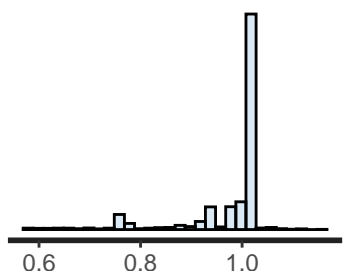
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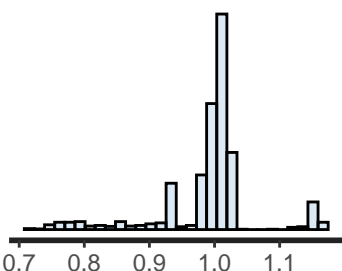
beta\_multiplier[5]



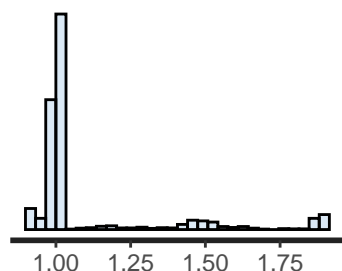
beta\_multiplier[6]



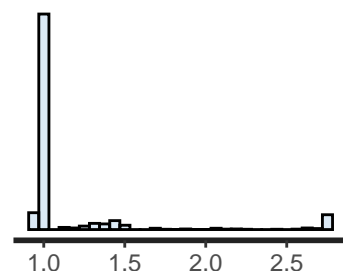
beta\_multiplier[7]



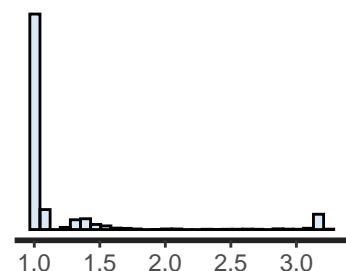
beta\_multiplier[8]



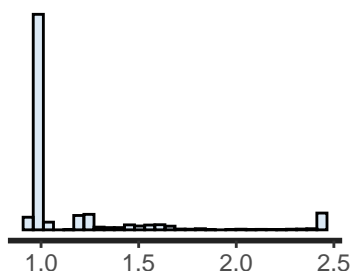
beta\_multiplier[9]



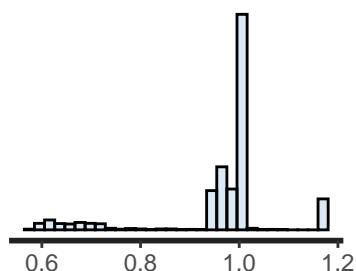
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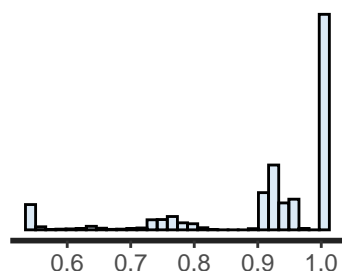
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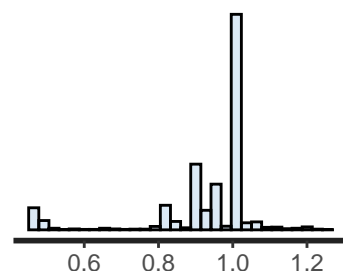
beta\_multiplier[12]



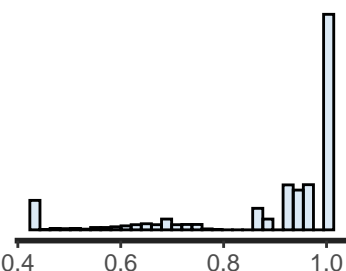
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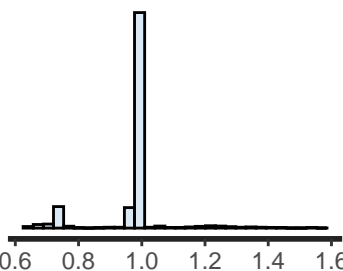
beta\_multiplier[14]



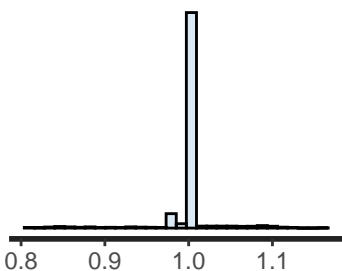
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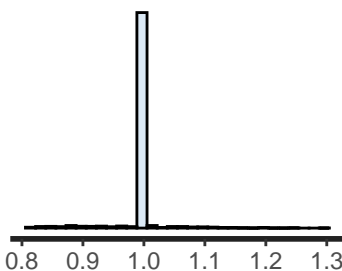
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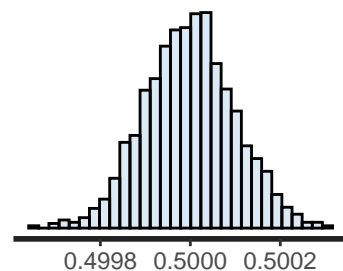
beta\_multiplier[17]

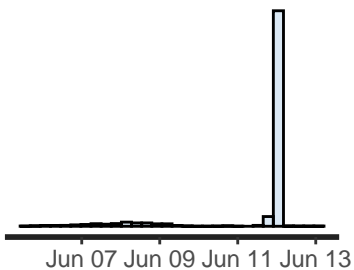
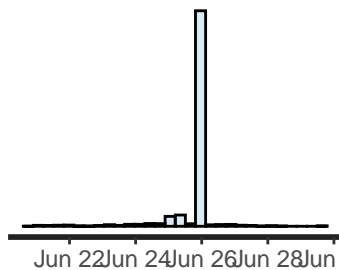
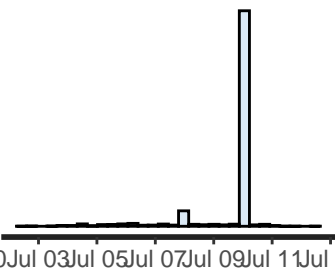
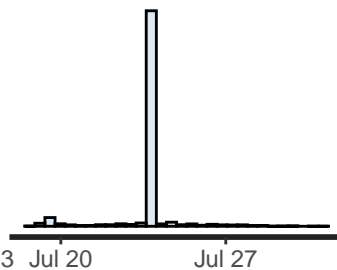
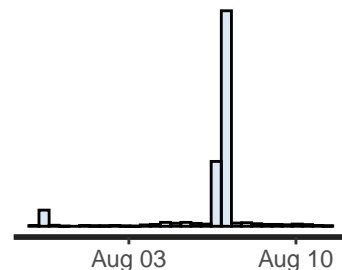
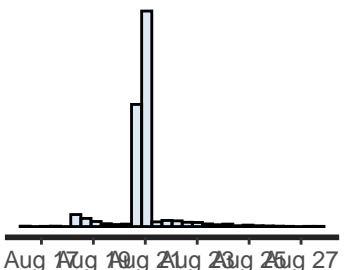
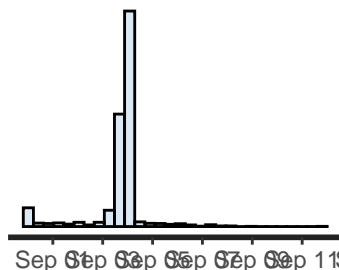
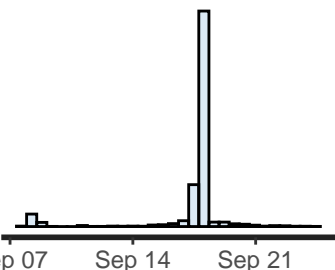
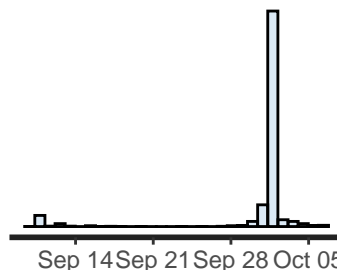
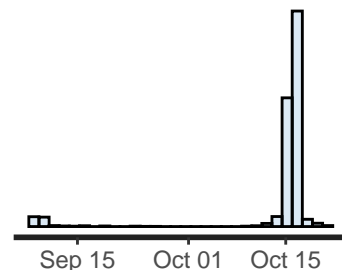
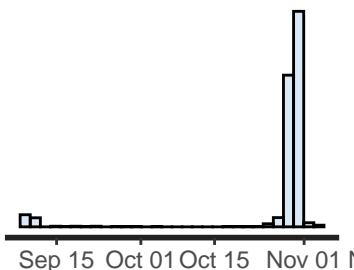
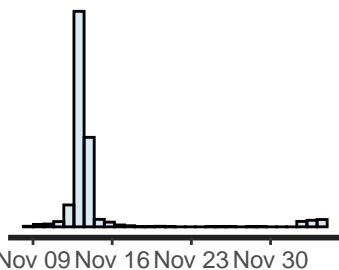
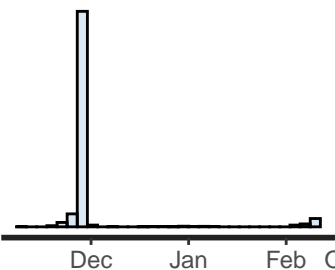
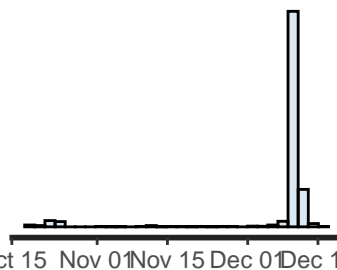
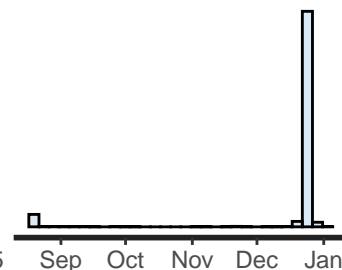
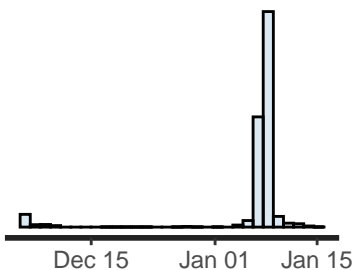
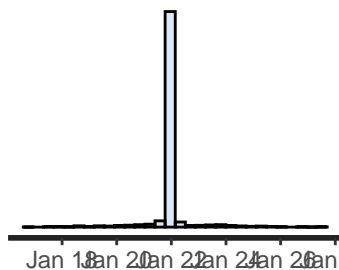
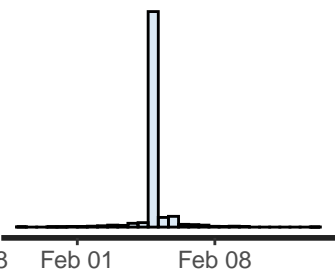
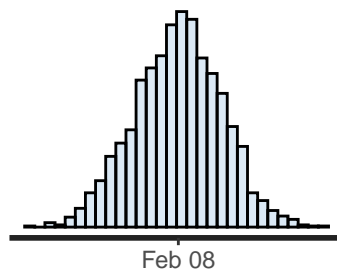


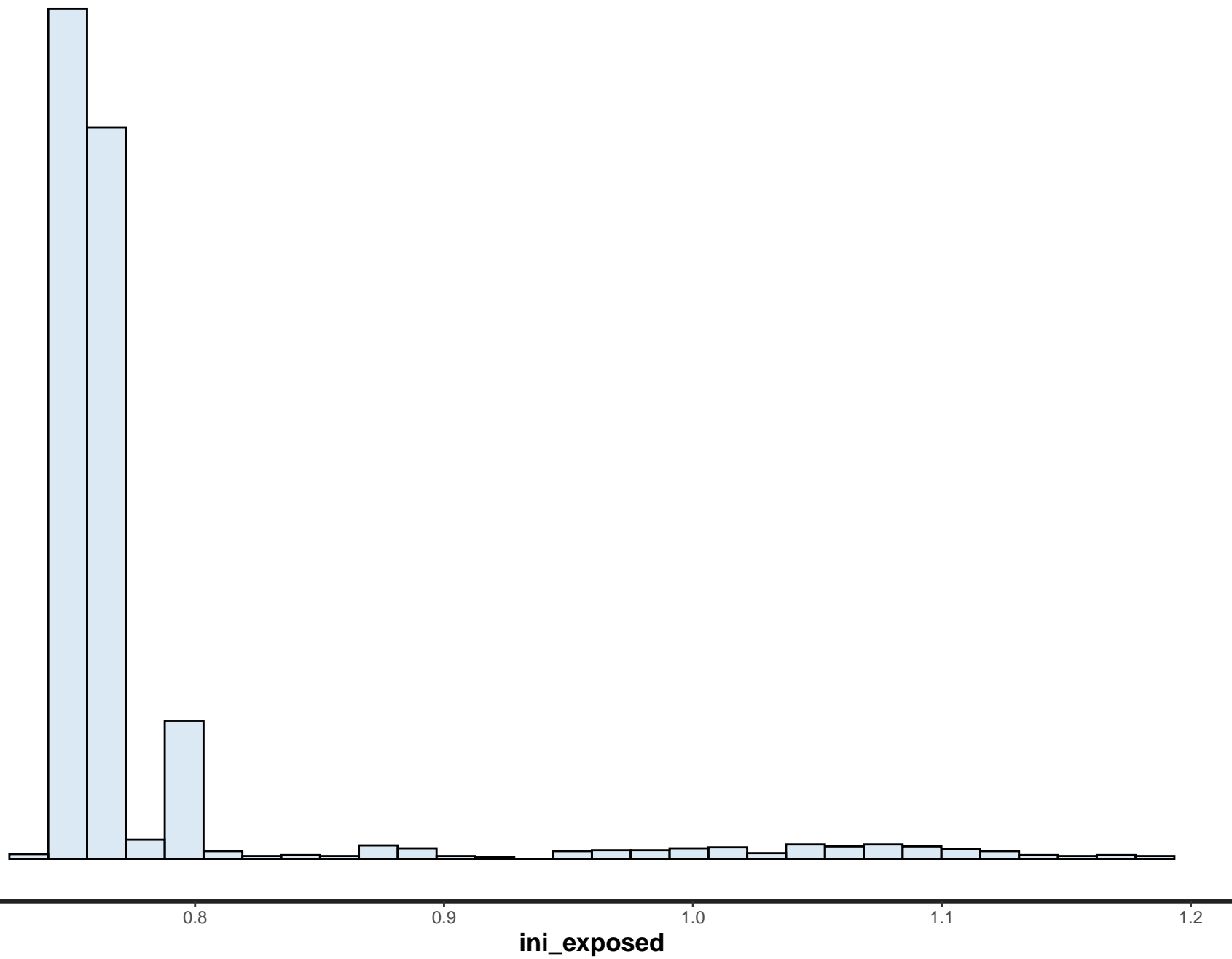
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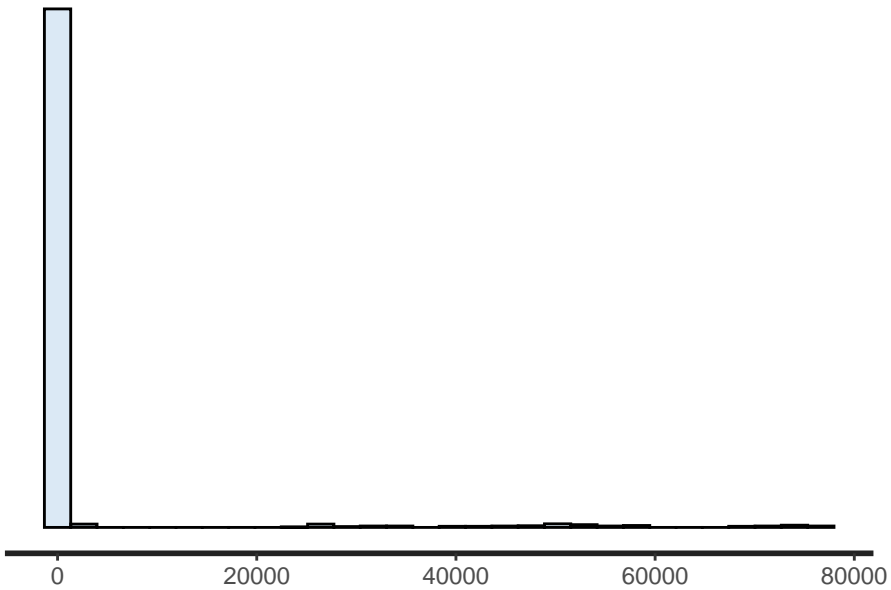
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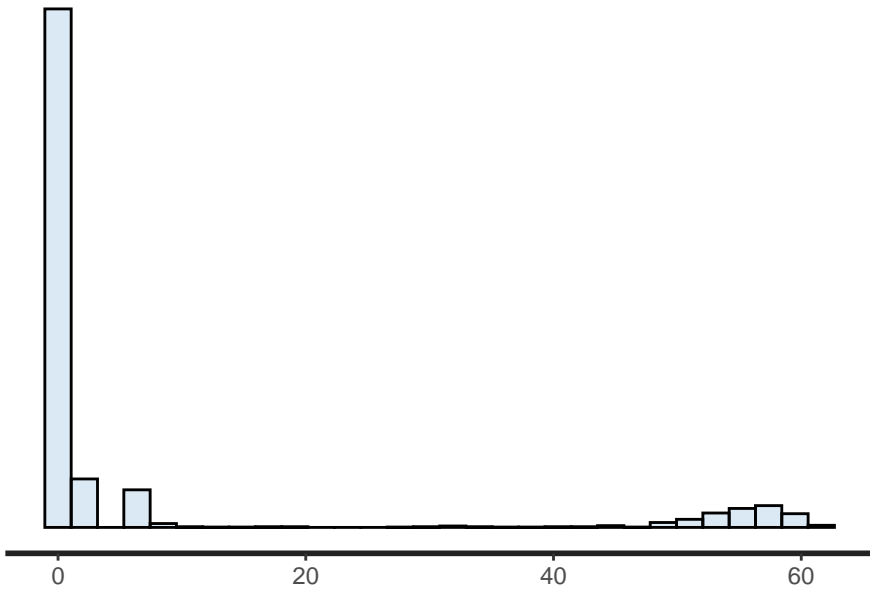
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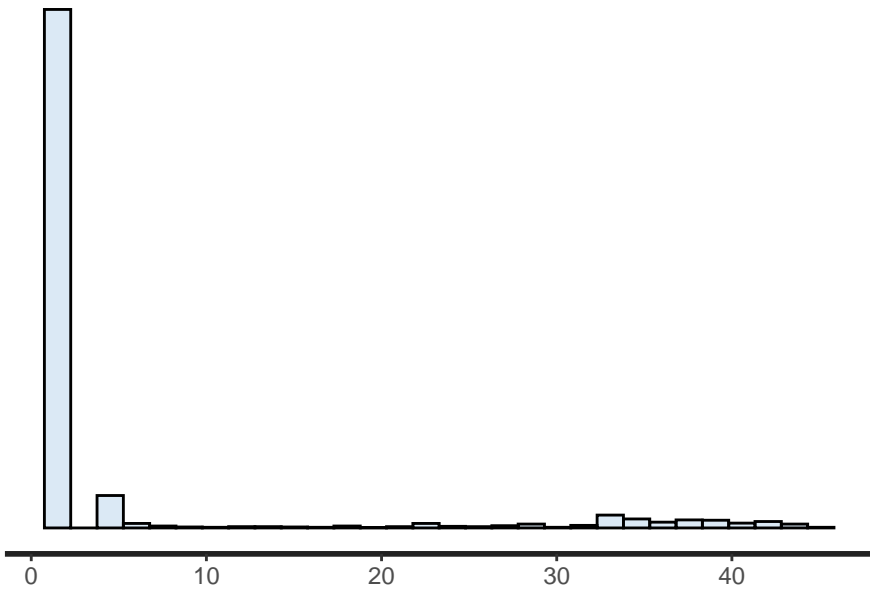
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

