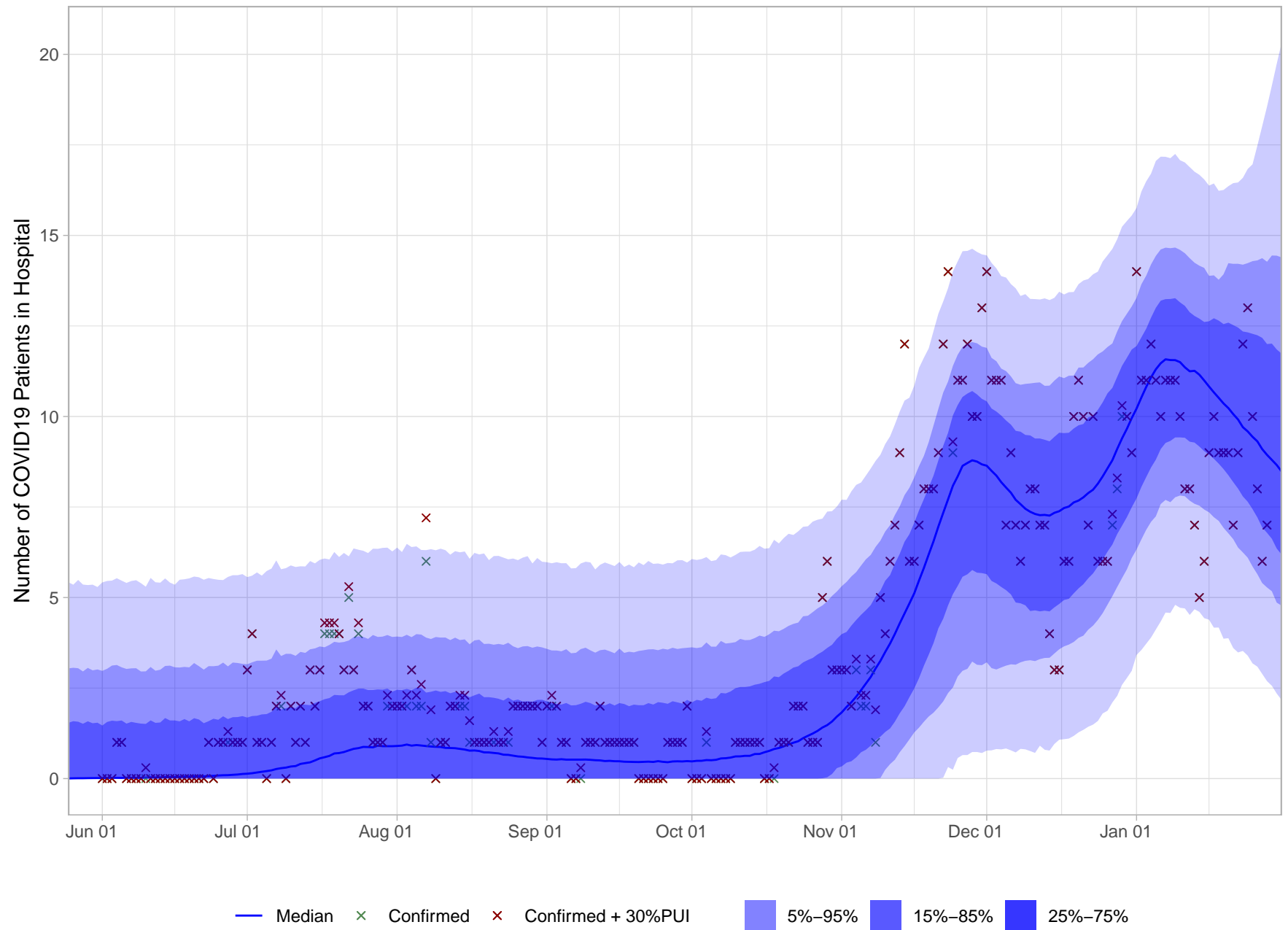
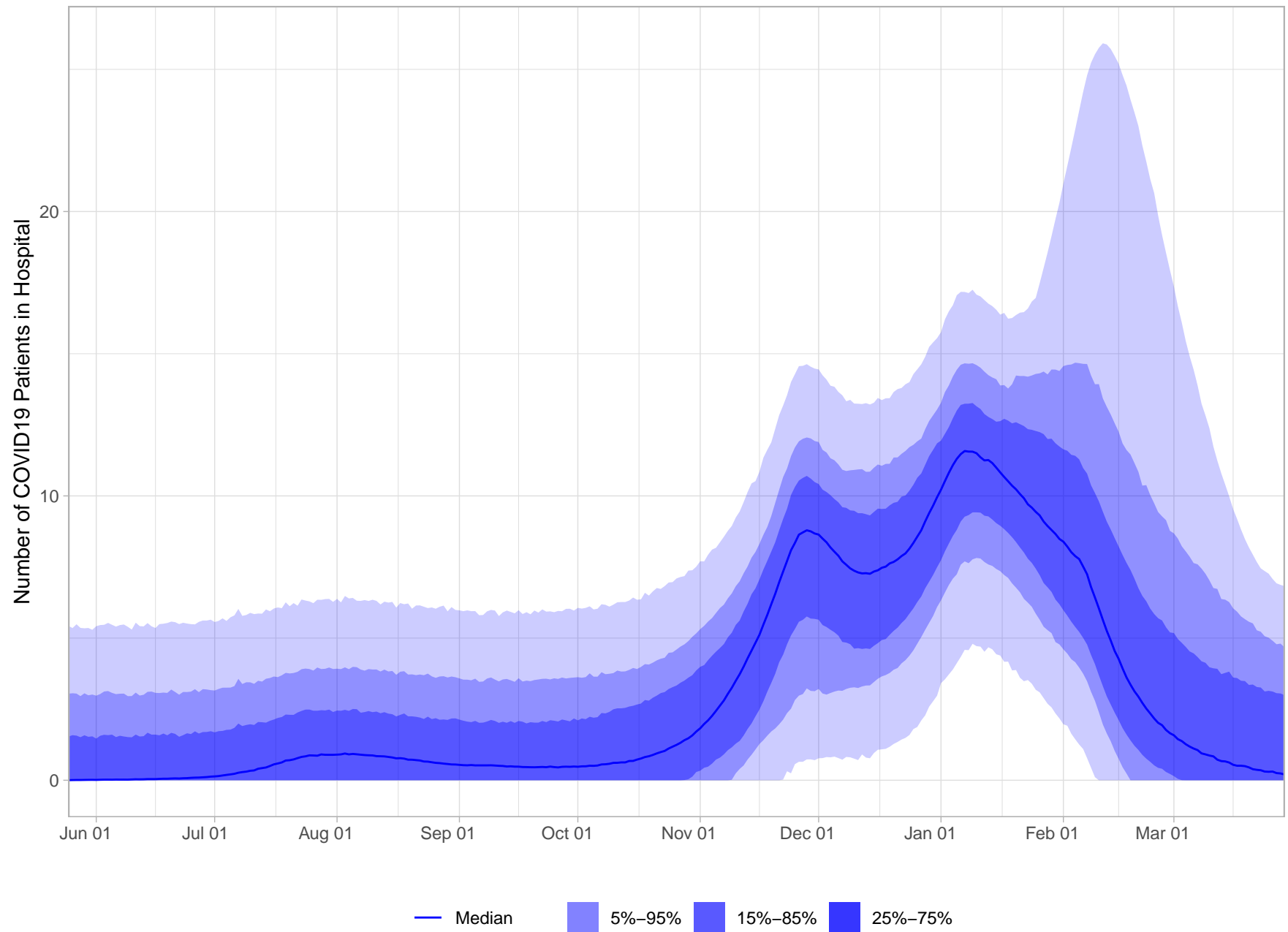


# Short Term Hospitalization Projection

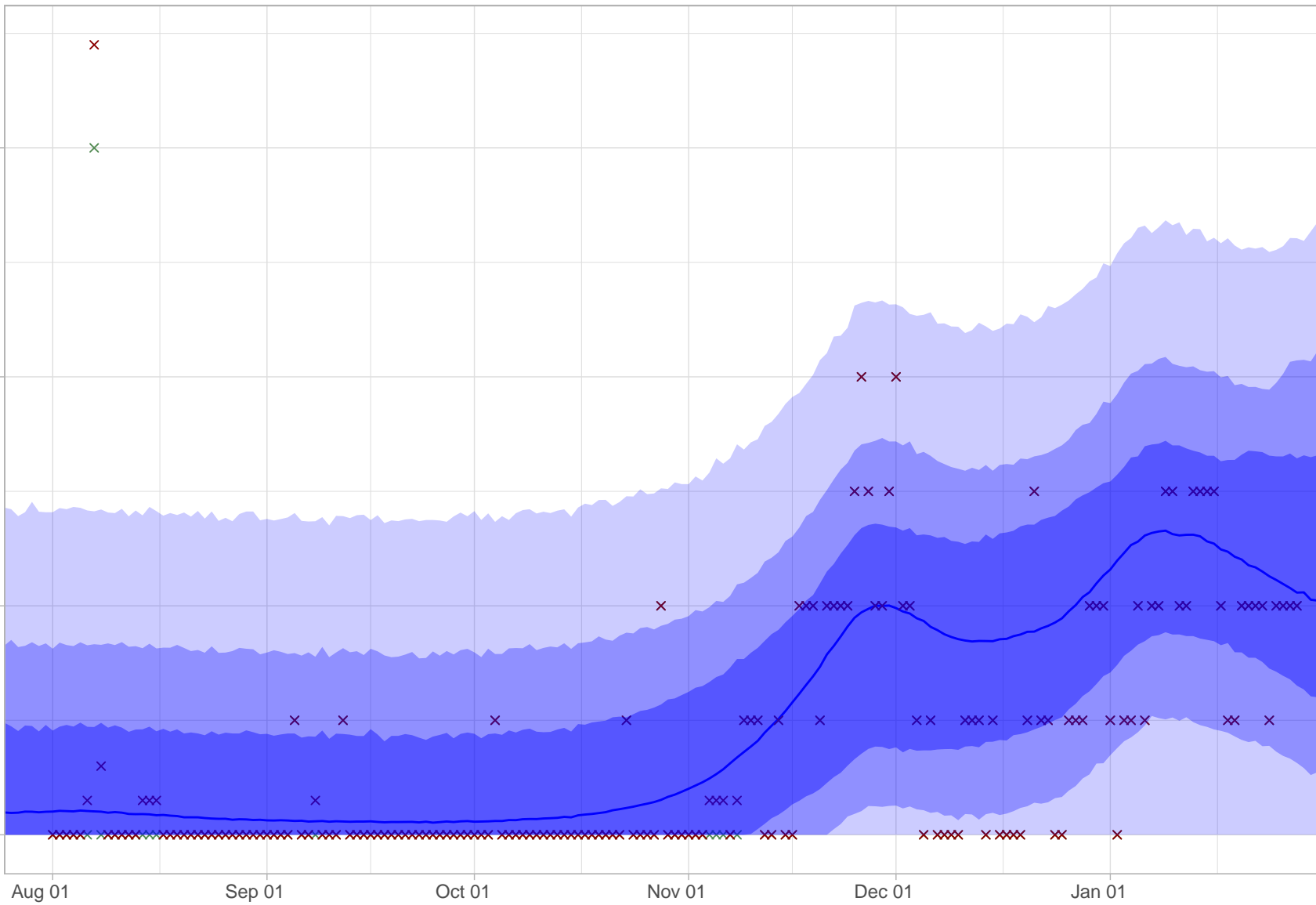


# Long Term Hospitalization Projection



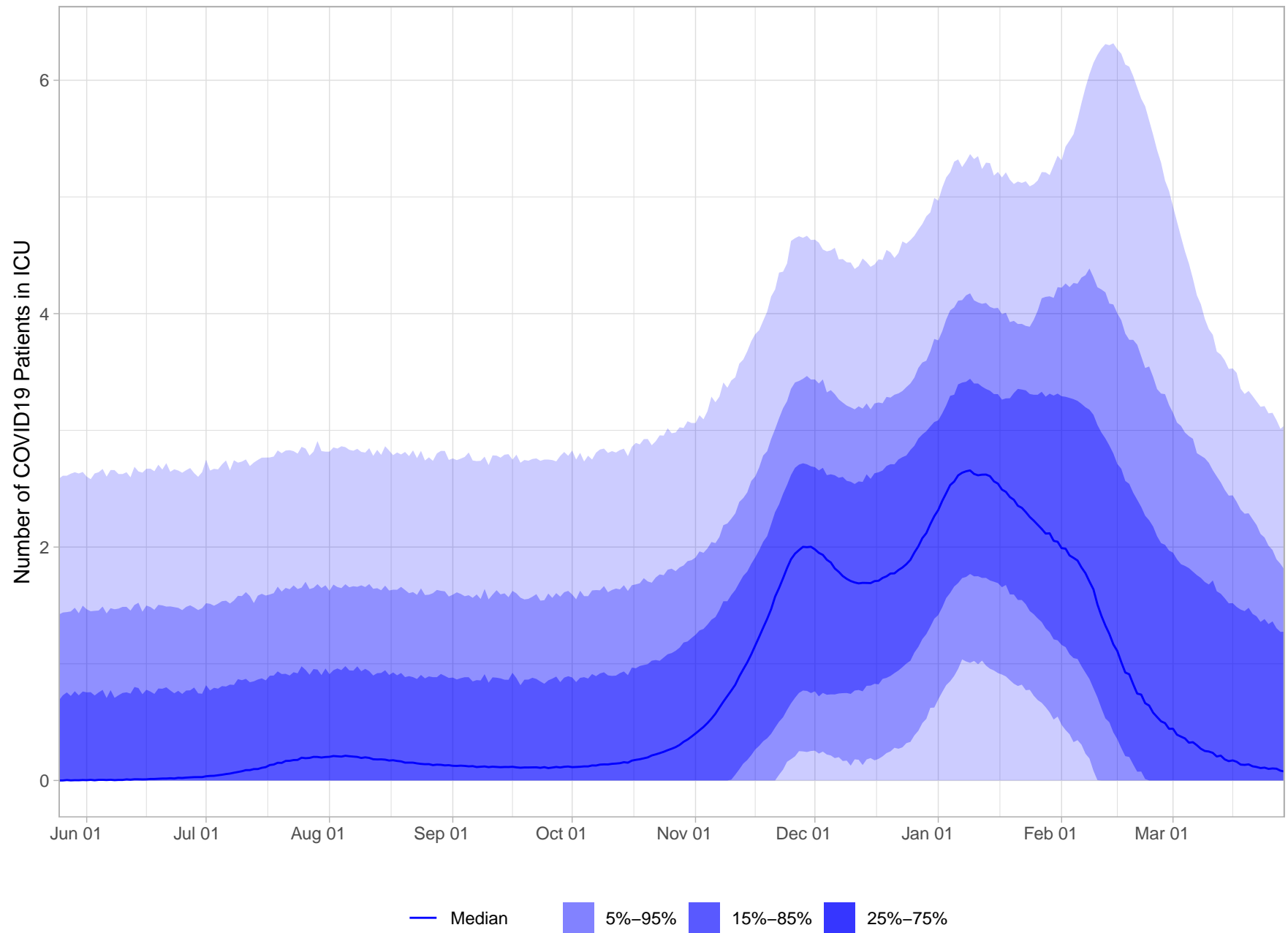
# Short Term ICU Projection

Number of COVID19 Patients in ICU

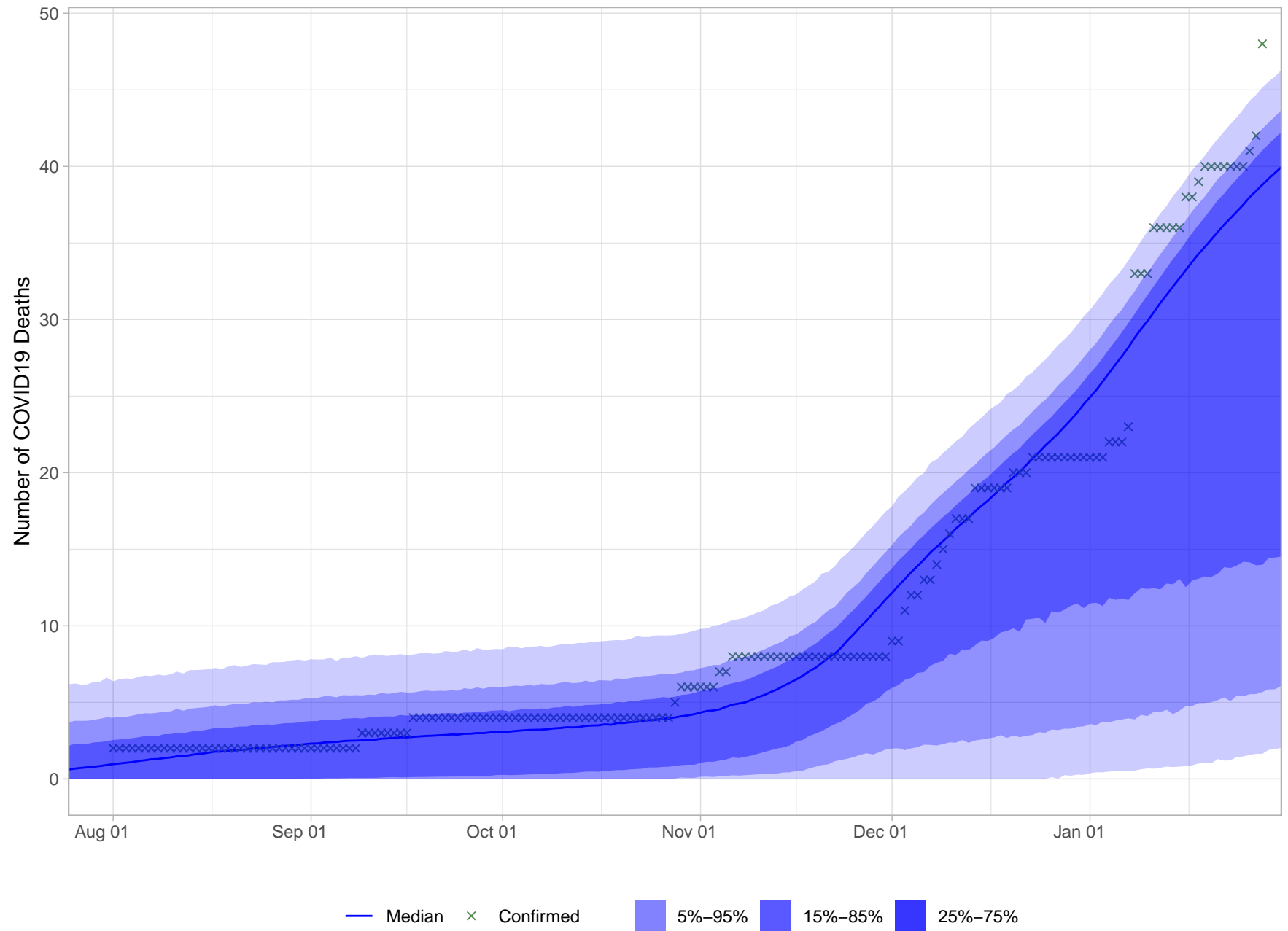


— Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

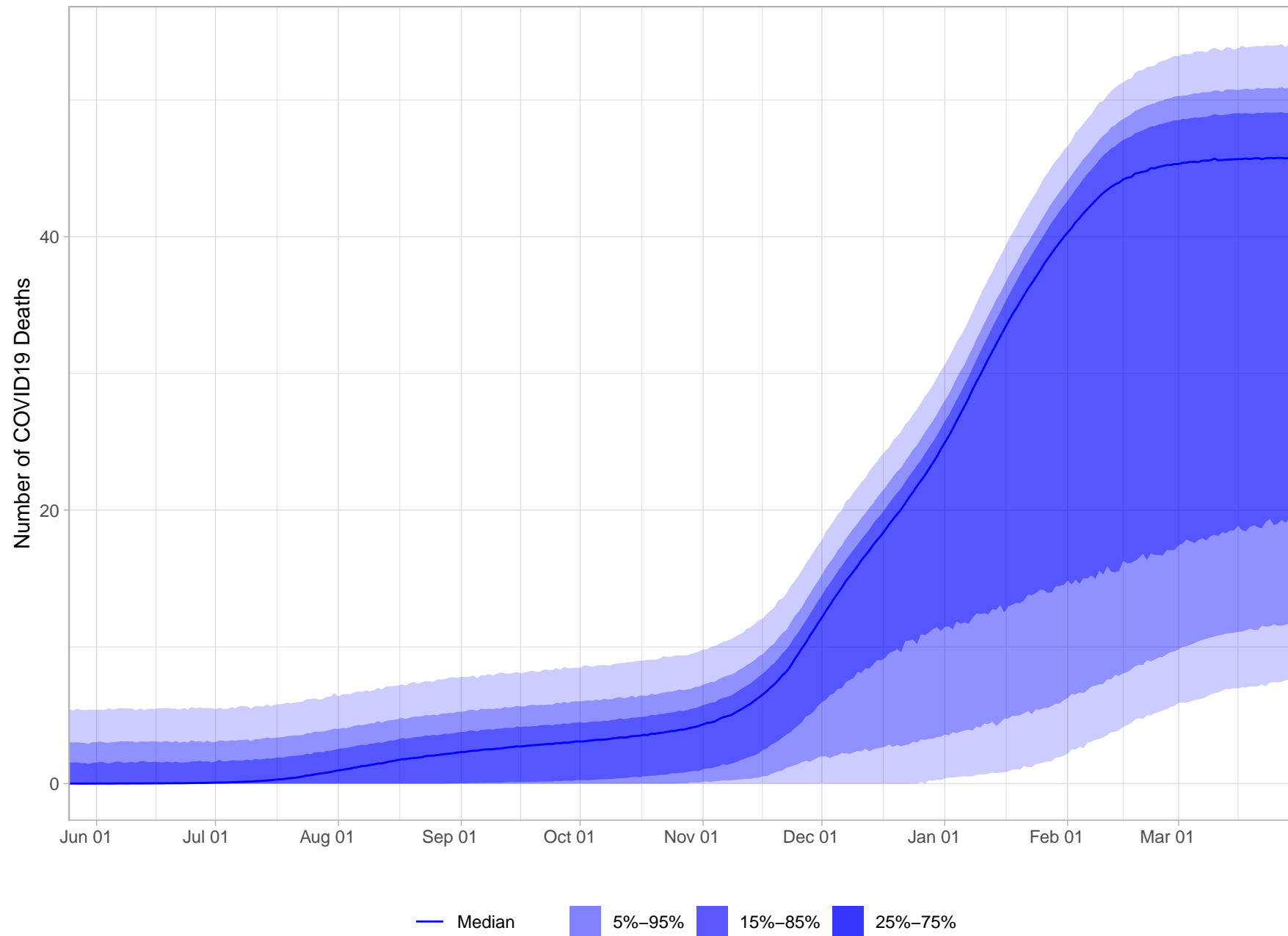
# Long Term ICU Projection



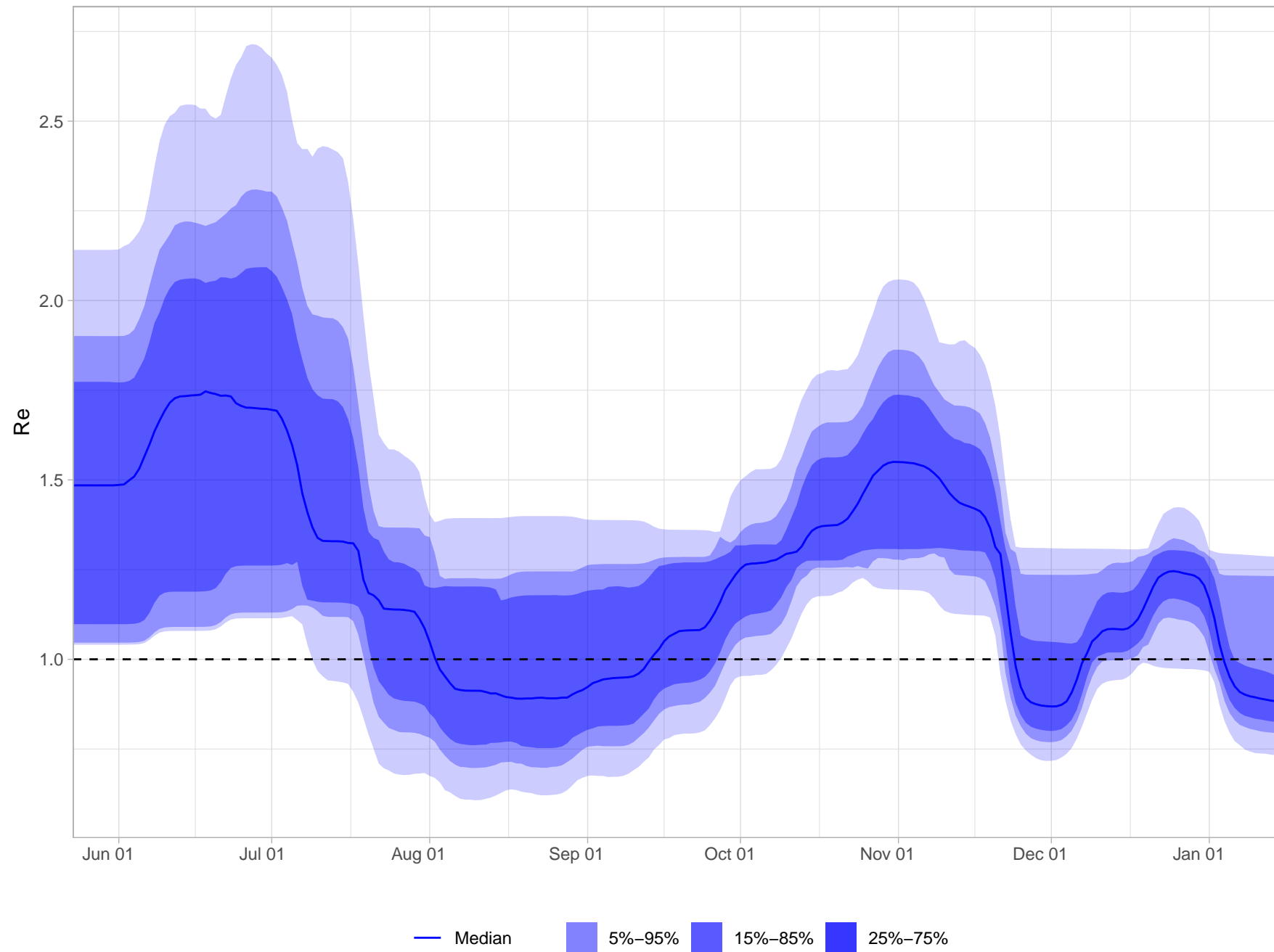
# Short Term Death Projection



# Long Term Death Projection

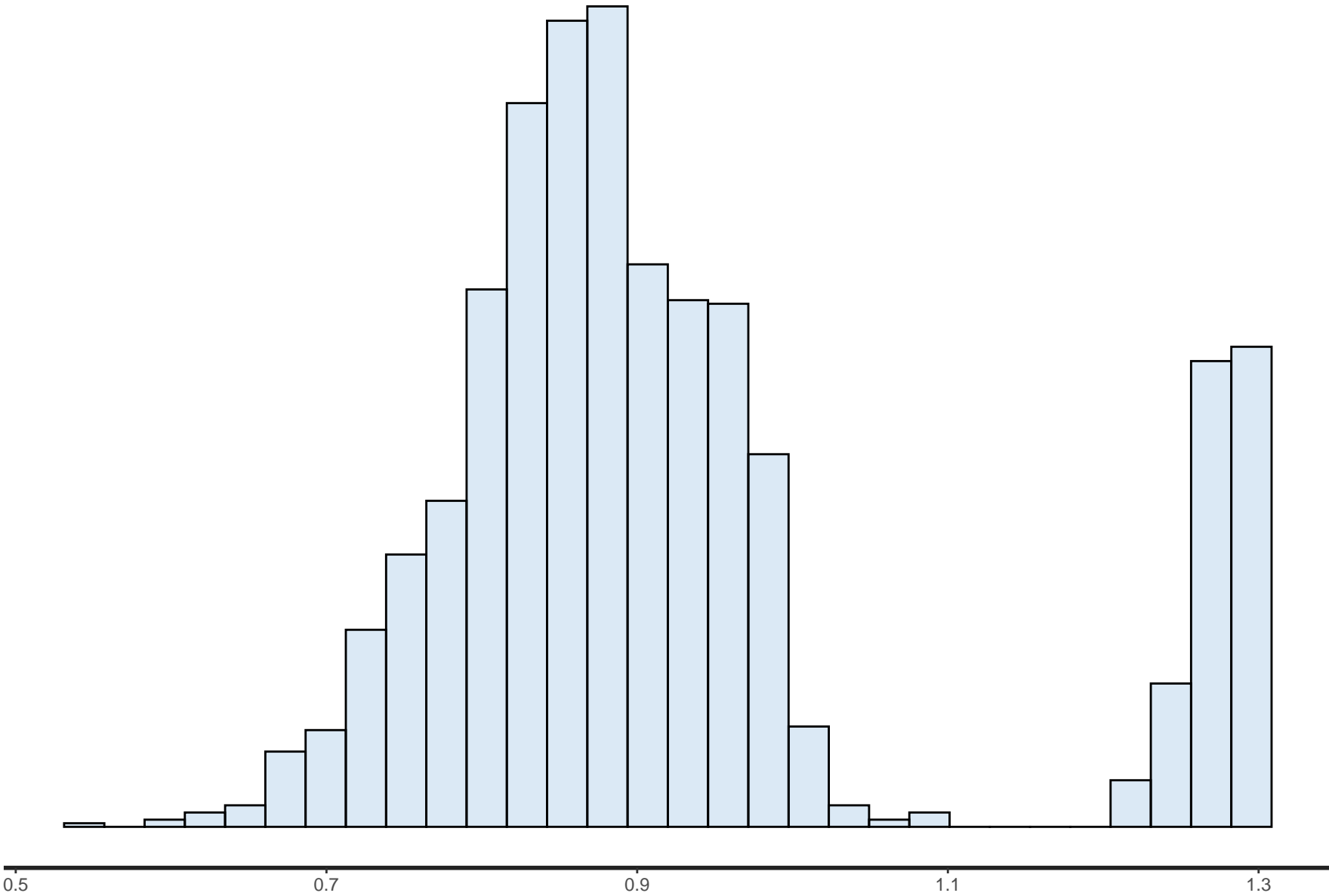


Effective Reproduction Number

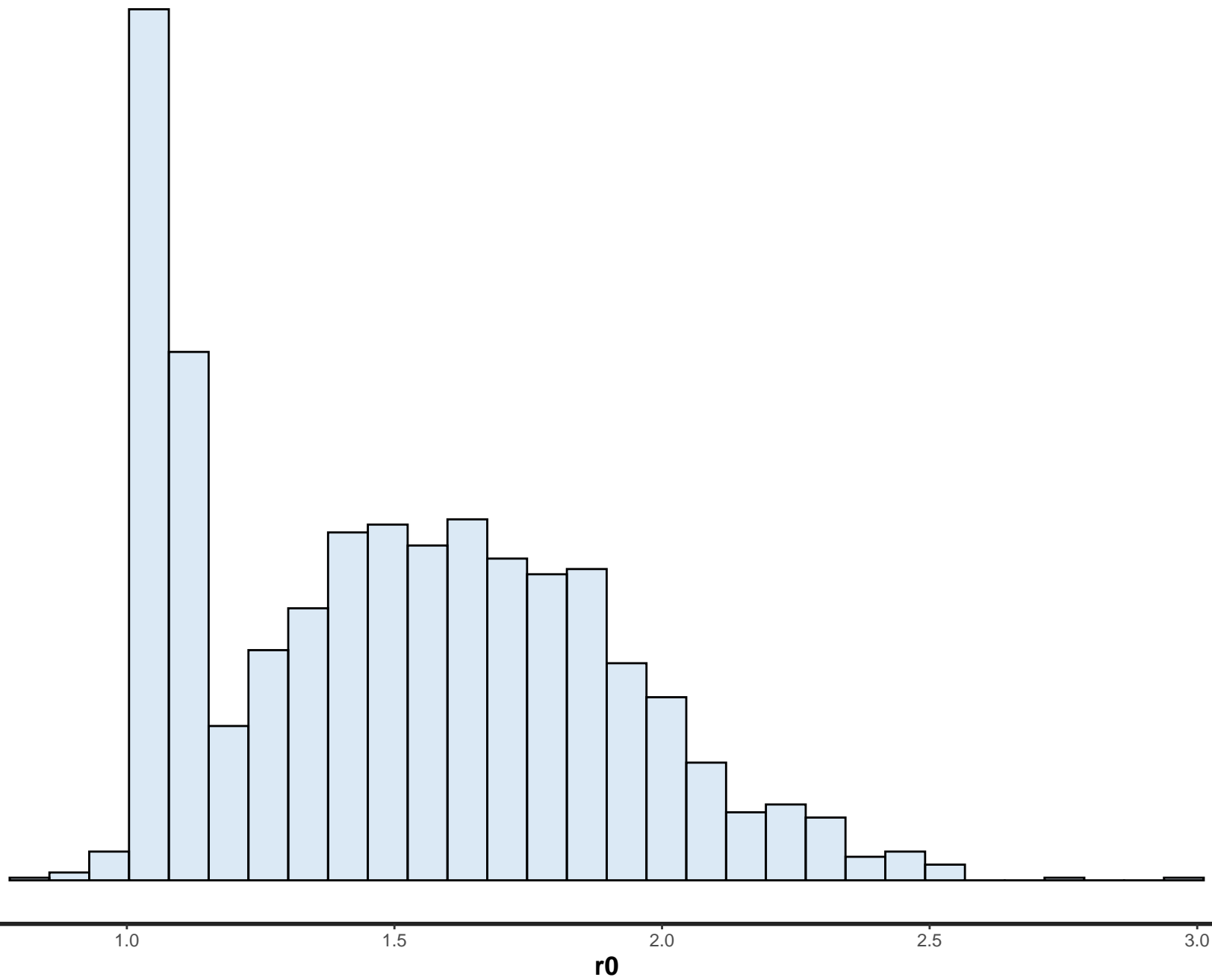


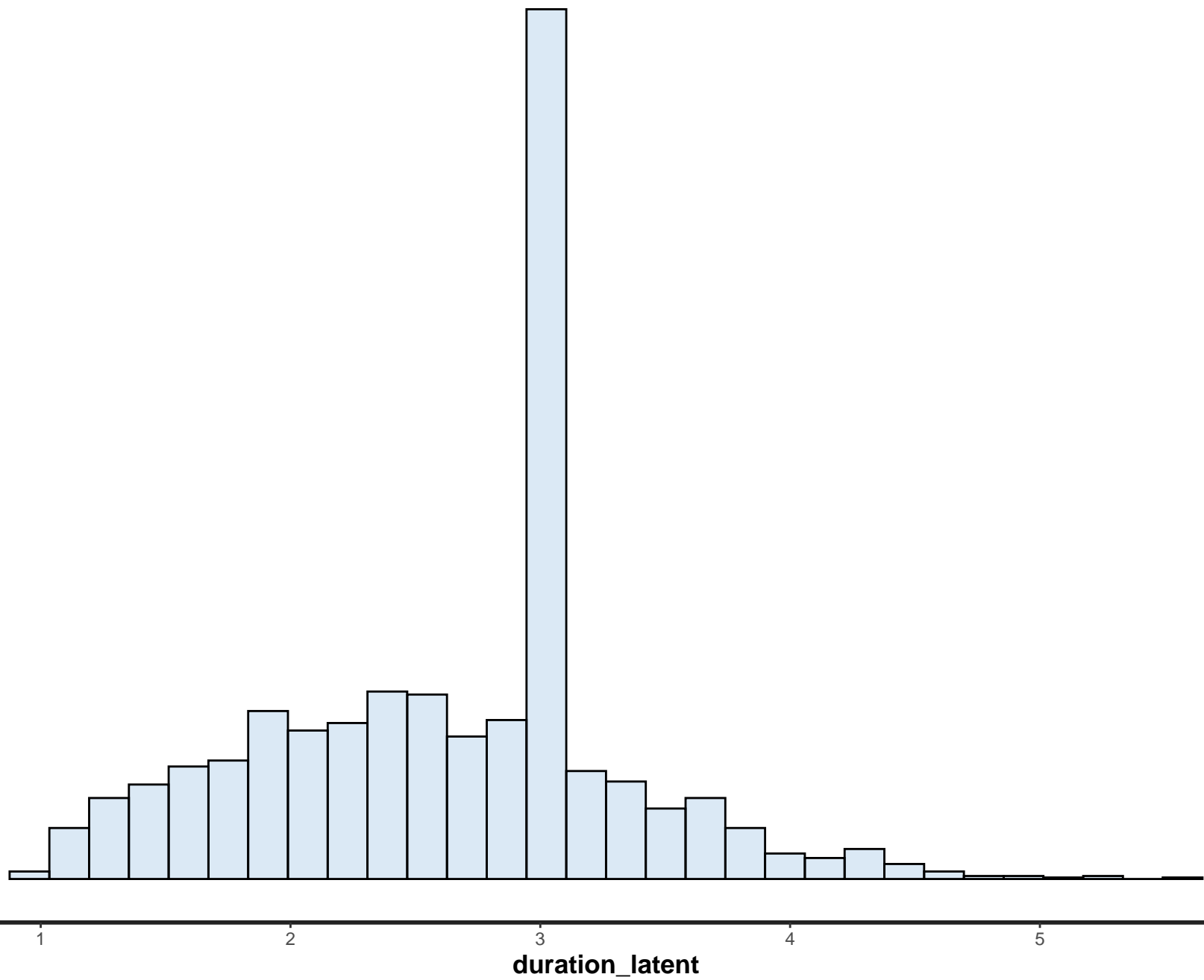
# Rt as of 2021-01-14

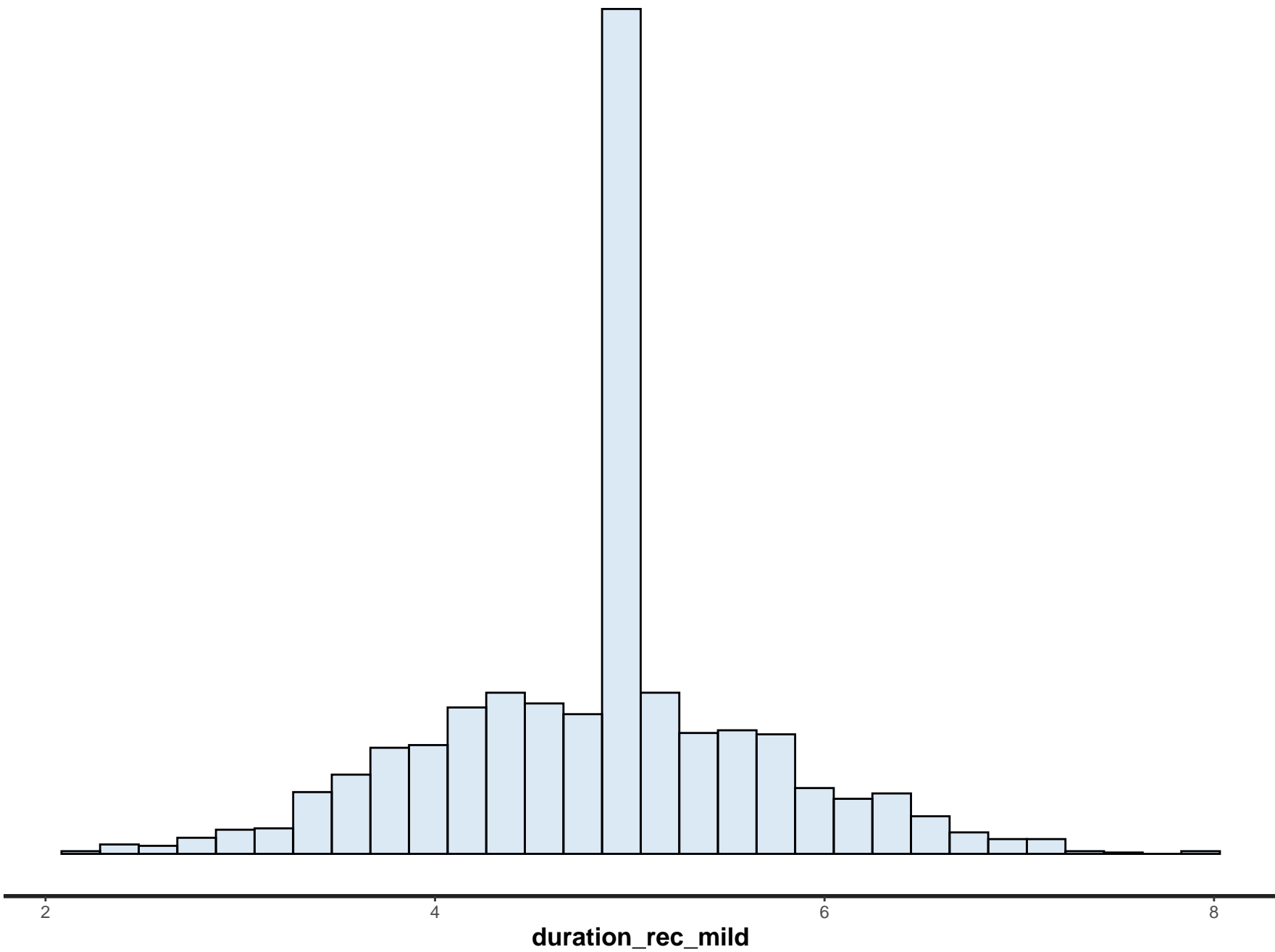
5% 10% 25% 50% 75% 90% 95%  
0.73 0.77 0.83 0.88 0.95 1.27 1.29

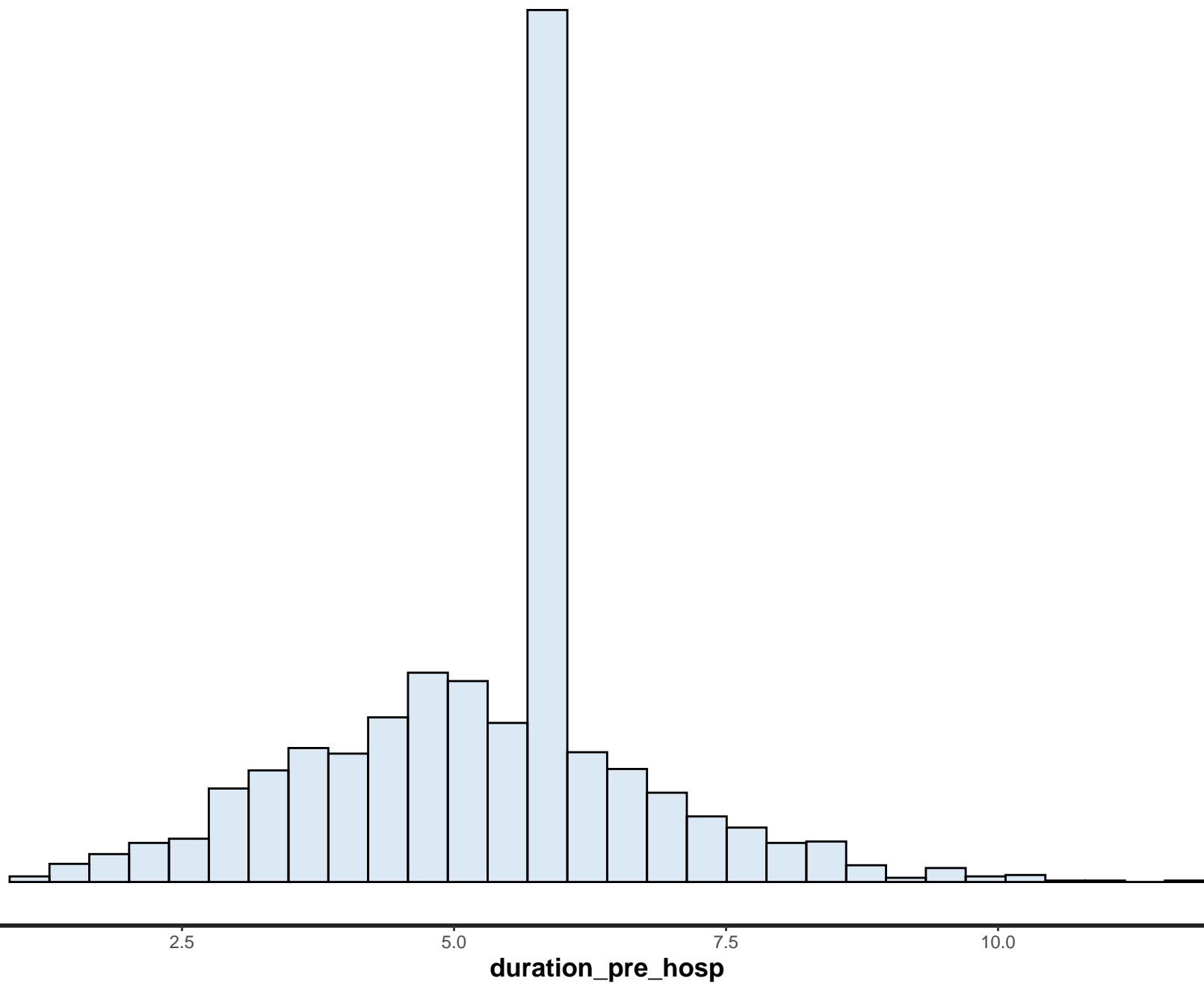


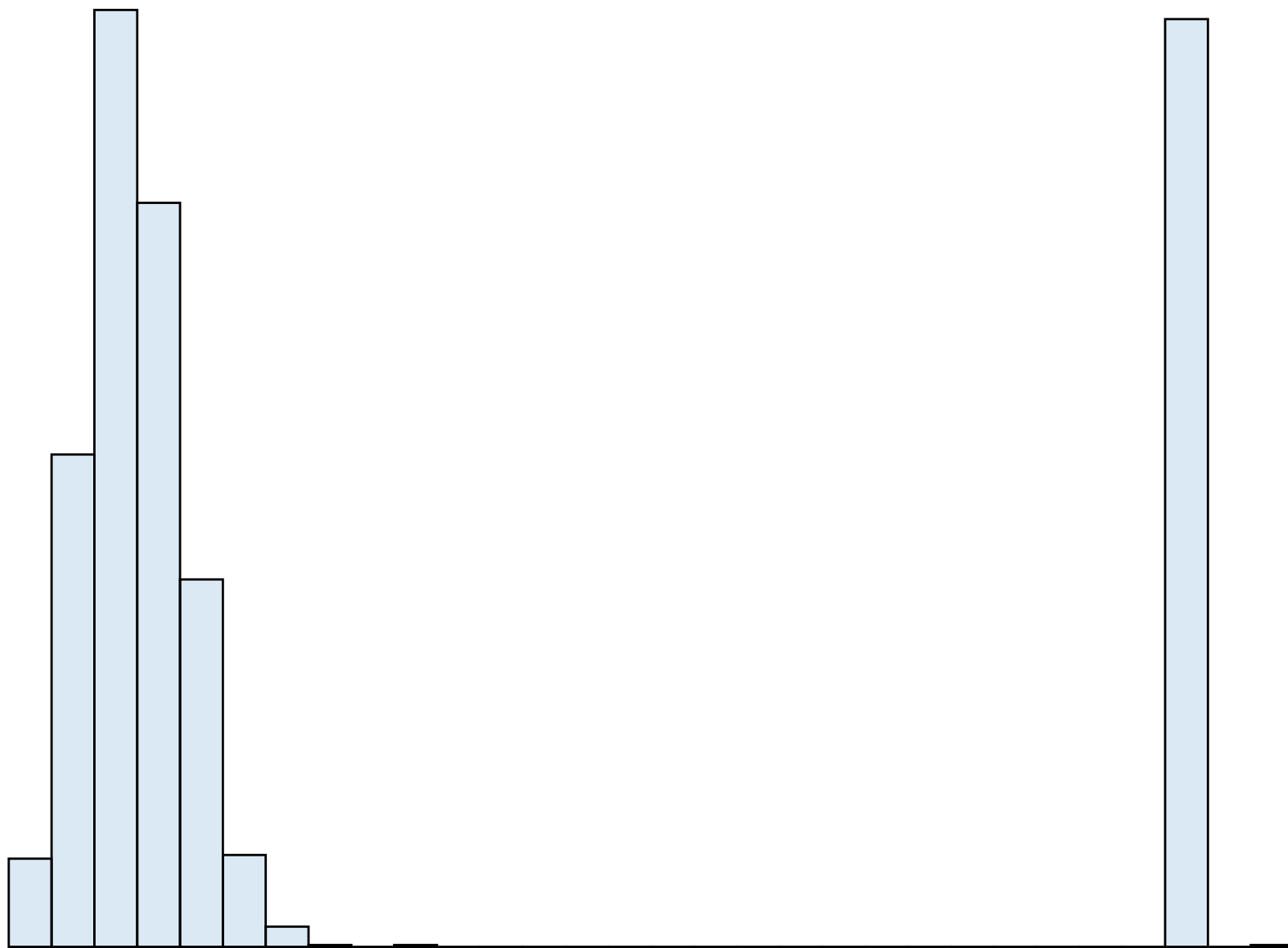




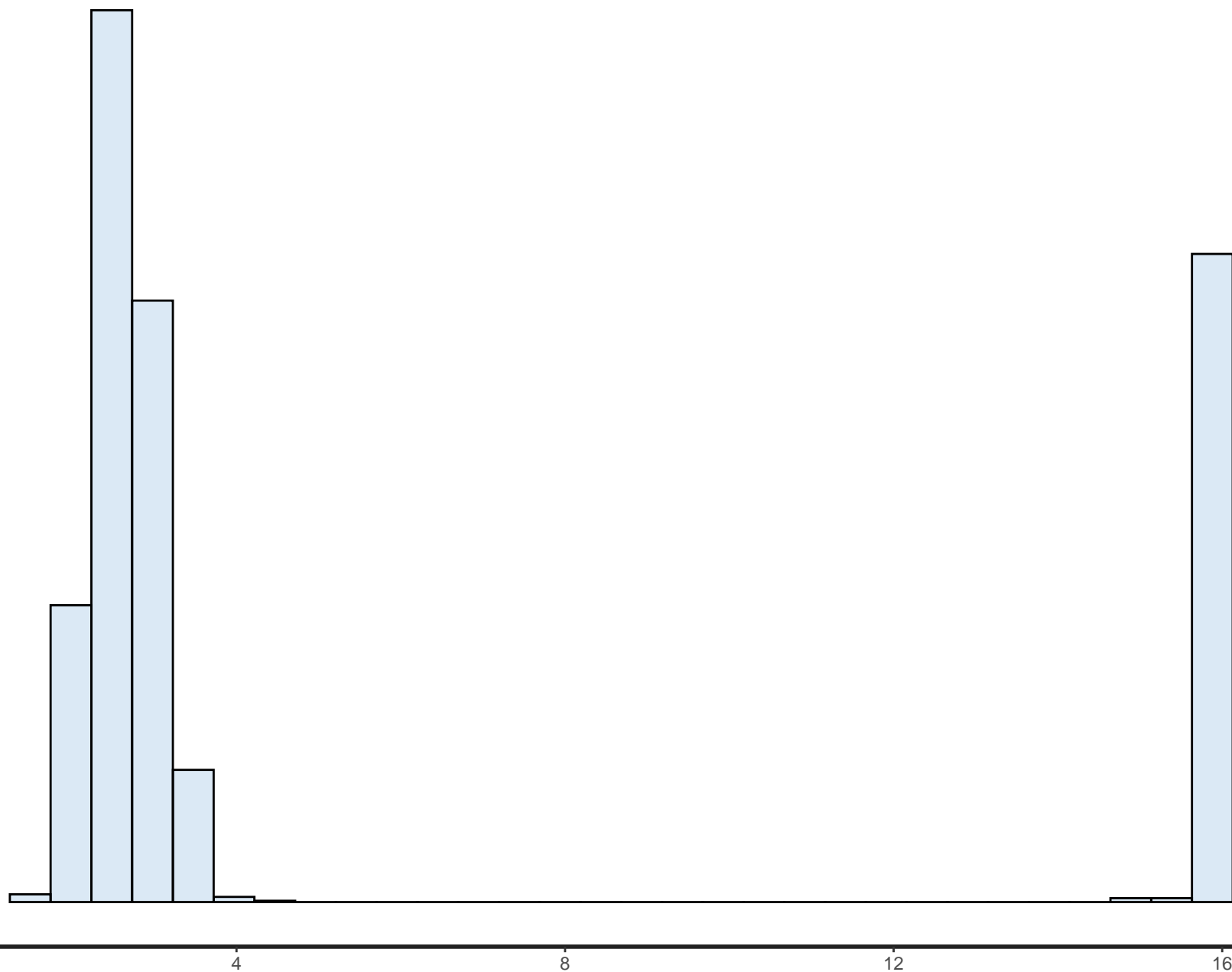


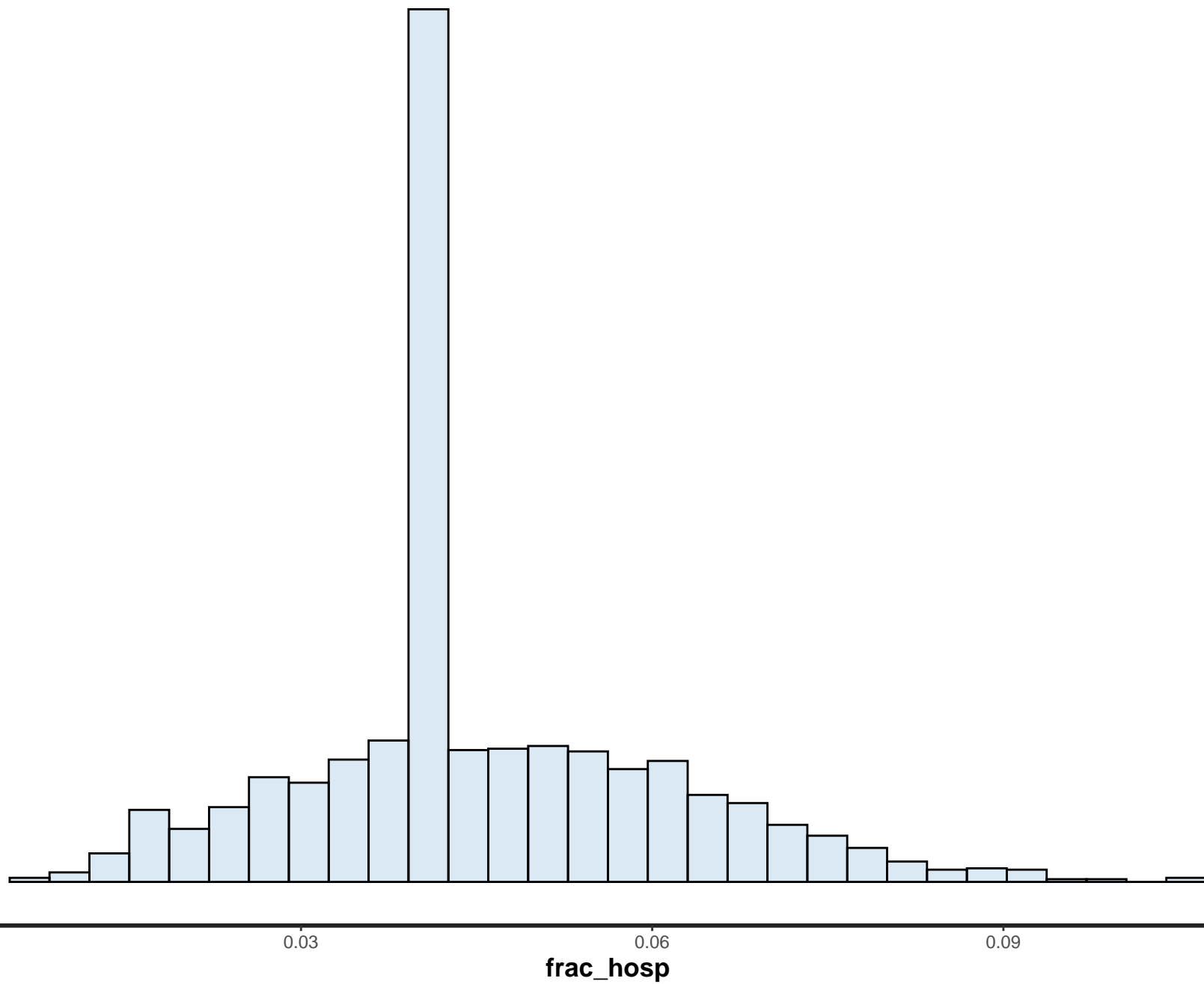


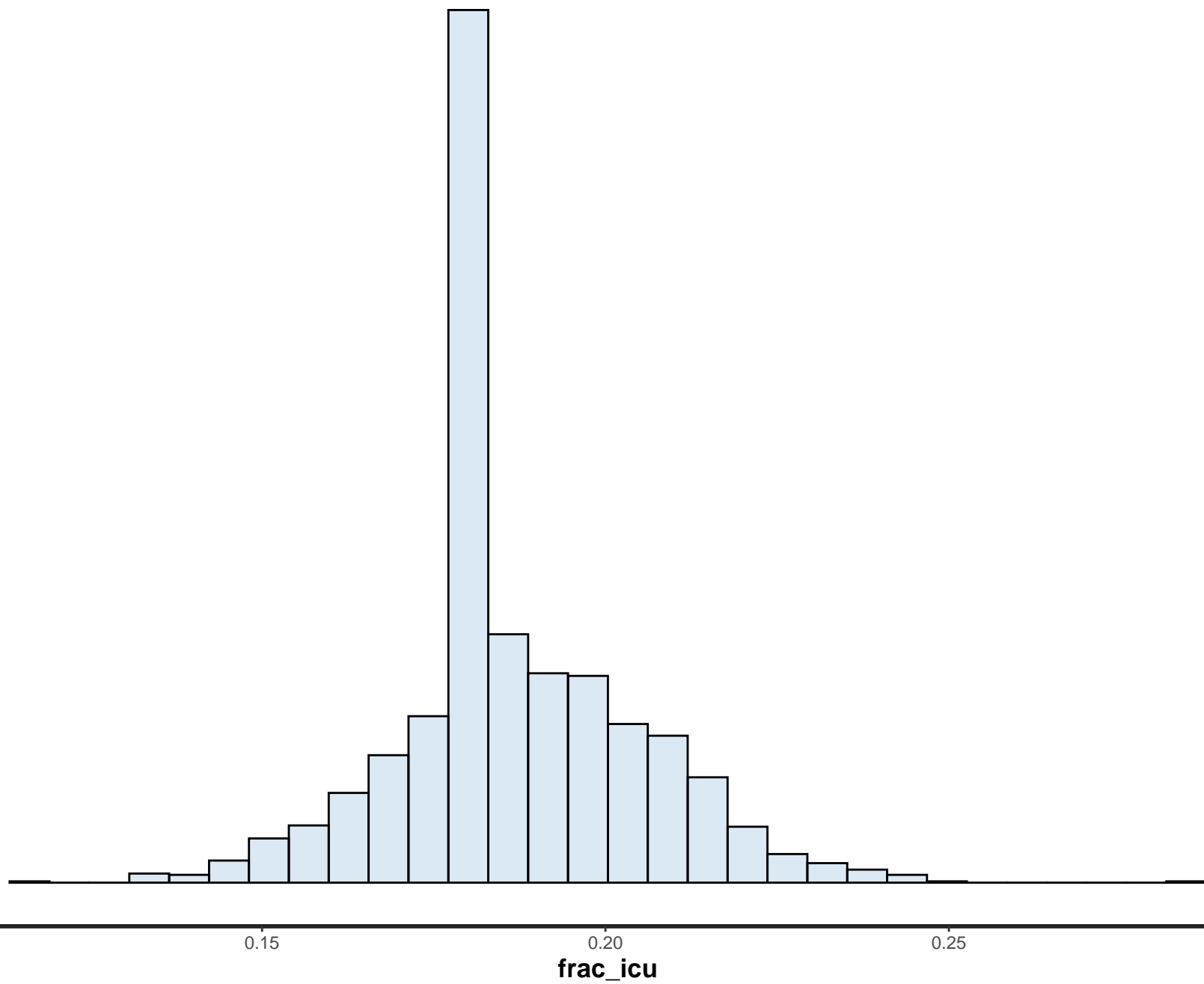




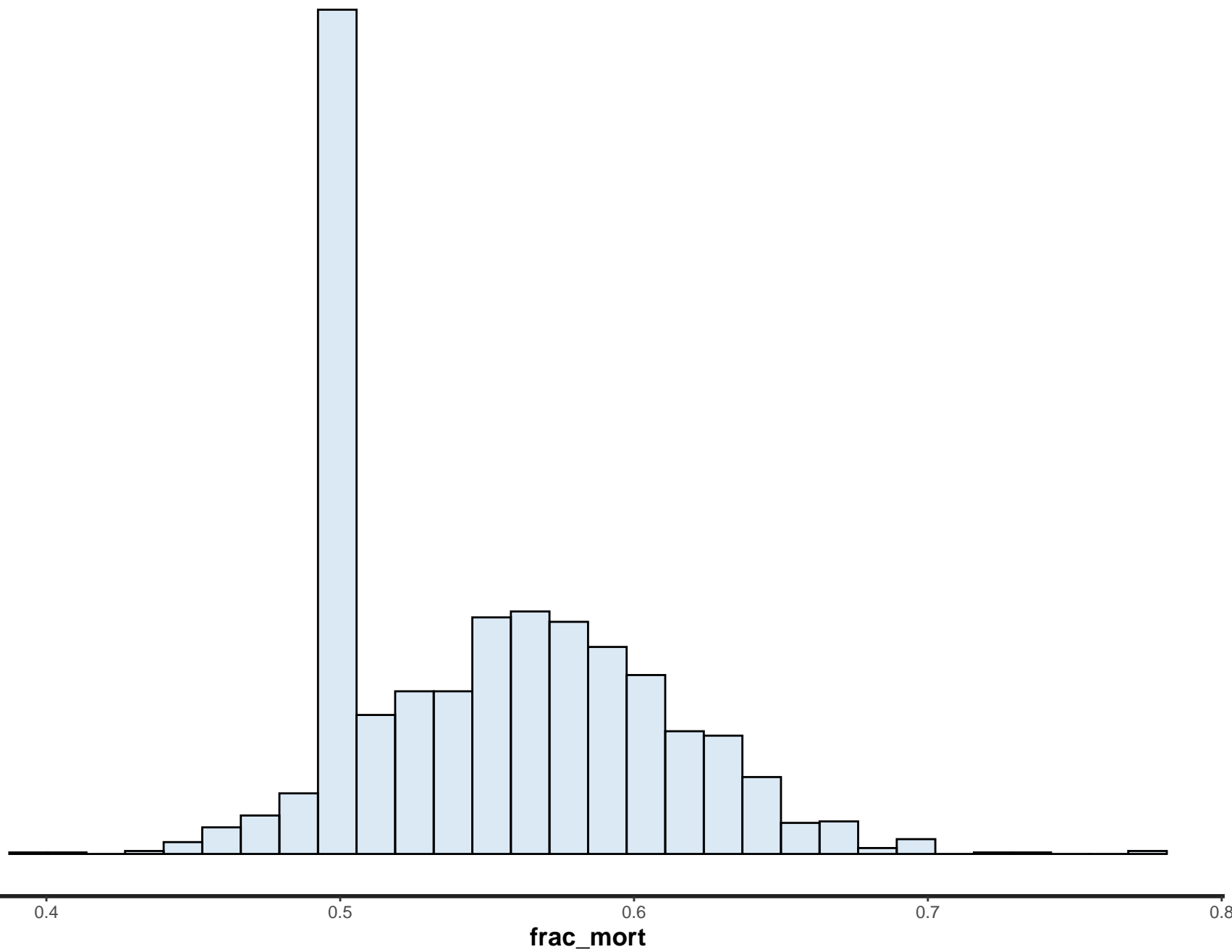
duration\_hosp\_mod



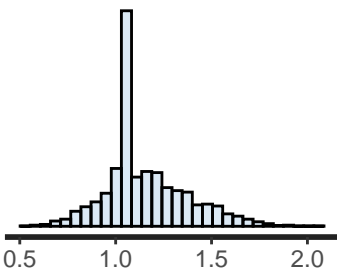




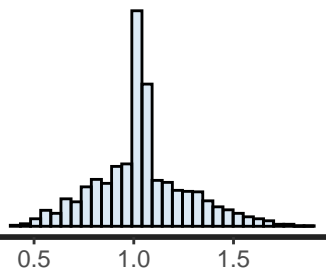




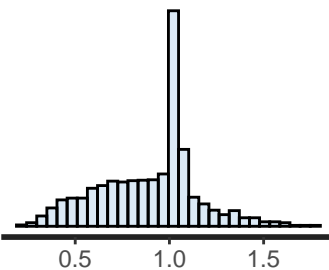
beta\_multiplier[1]



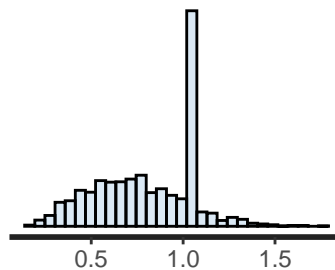
beta\_multiplier[2]



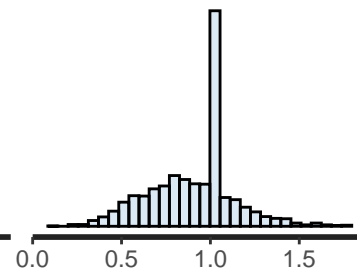
beta\_multiplier[3]



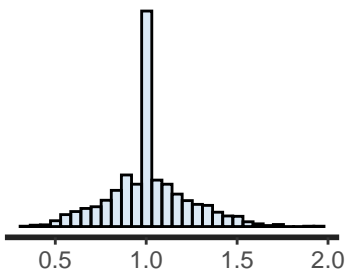
beta\_multiplier[4]



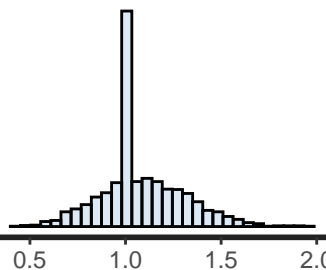
beta\_multiplier[5]



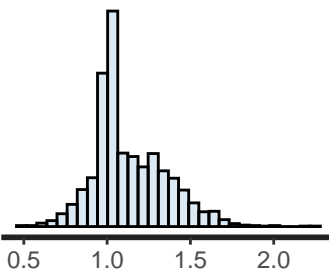
beta\_multiplier[6]



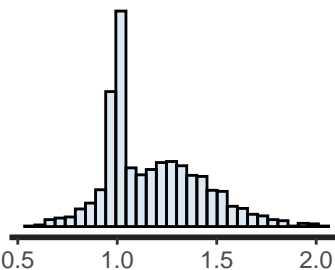
beta\_multiplier[7]



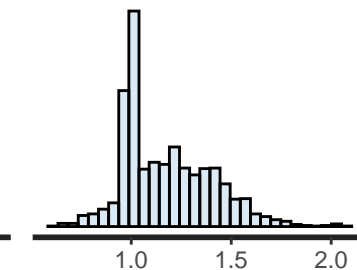
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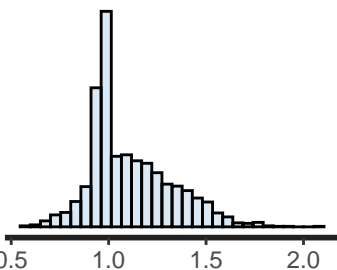
beta\_multiplier[9]



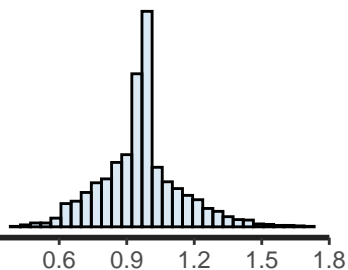
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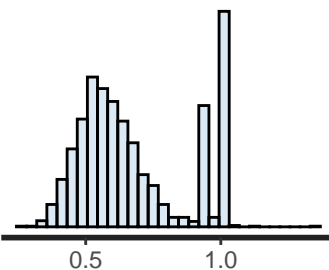
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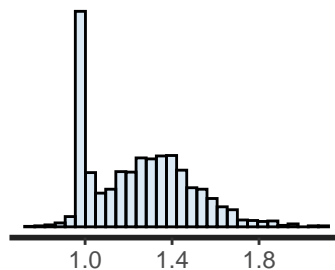
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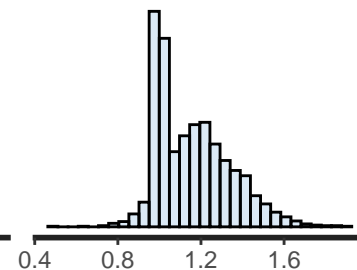
beta\_multiplier[13]



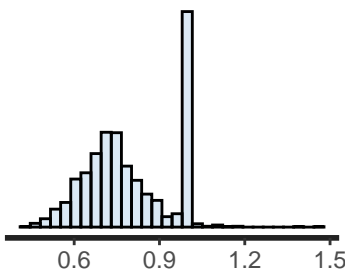
beta\_multiplier[14]



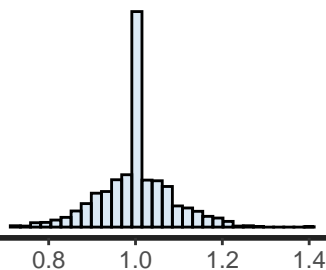
beta\_multiplier[15]



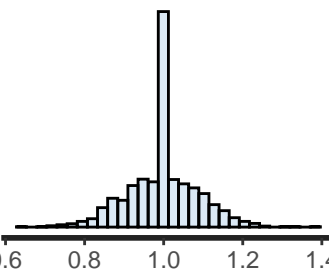
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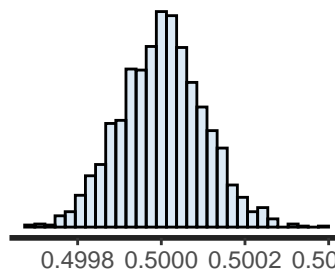
beta\_multiplier[17]

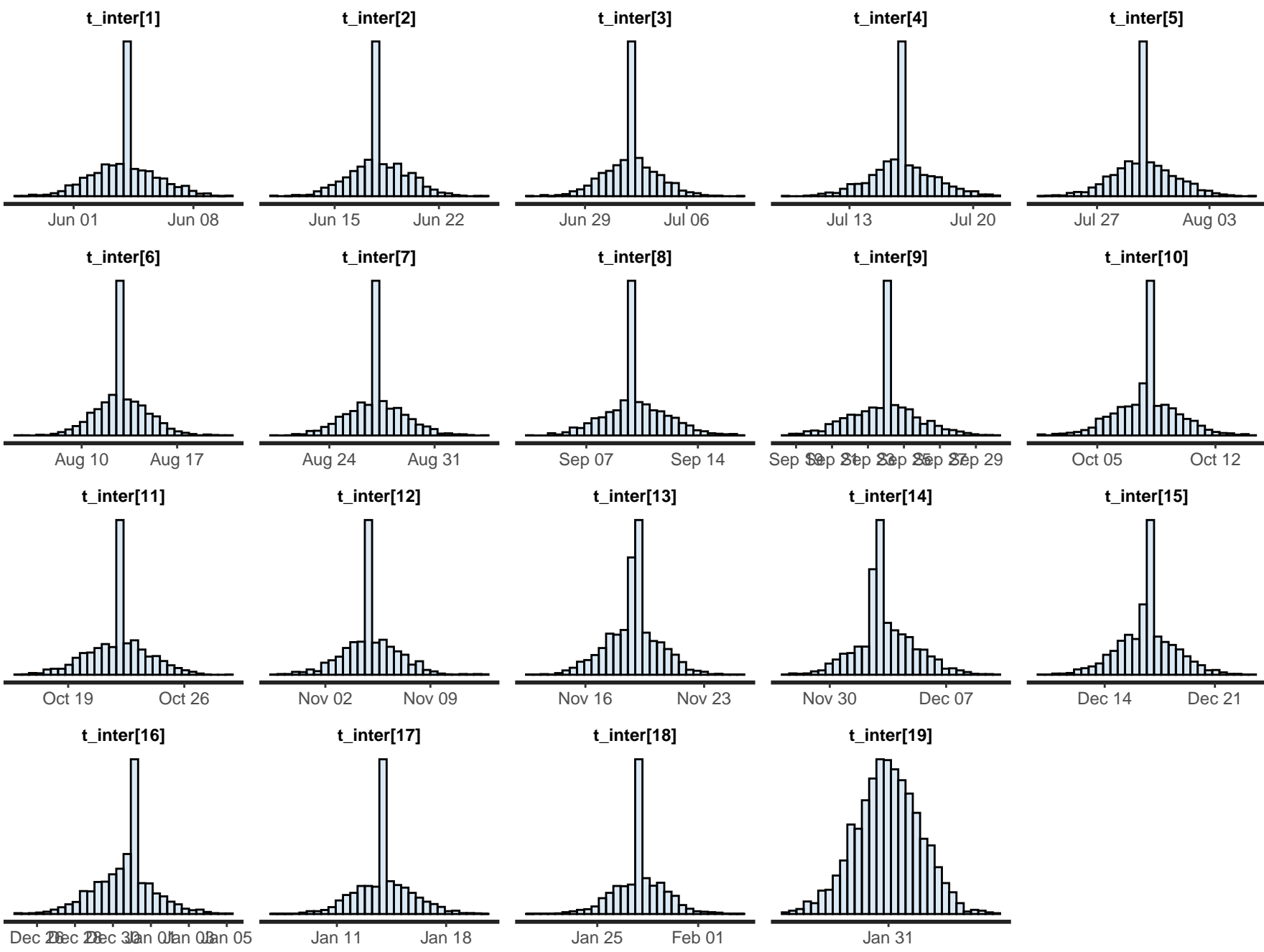


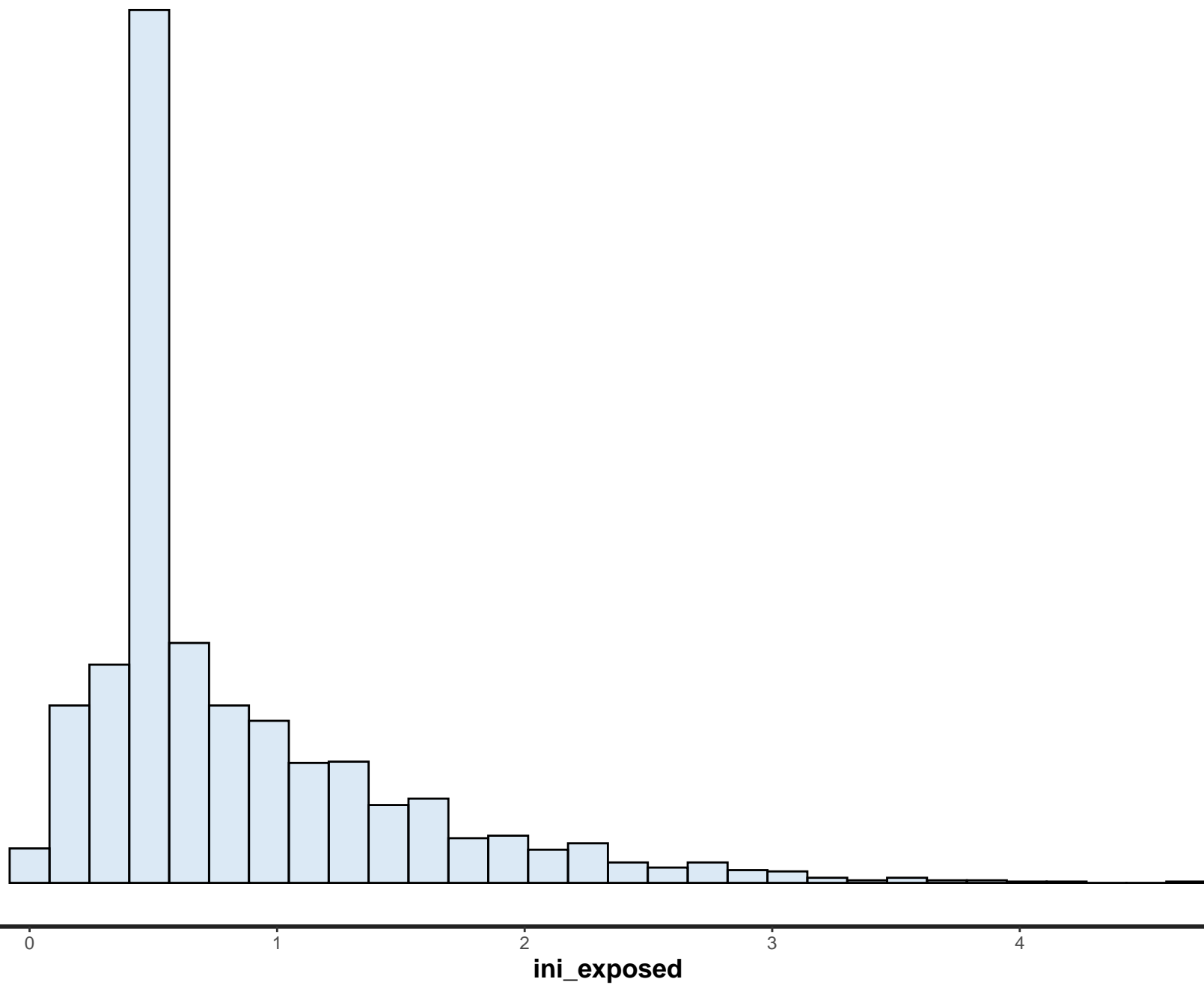
beta\_multiplier[18]



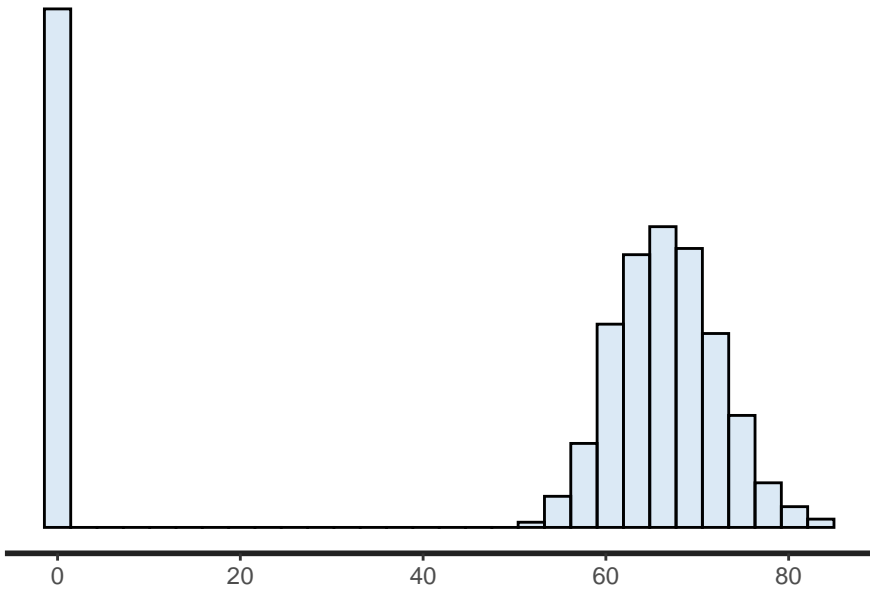
beta\_multiplier[19]



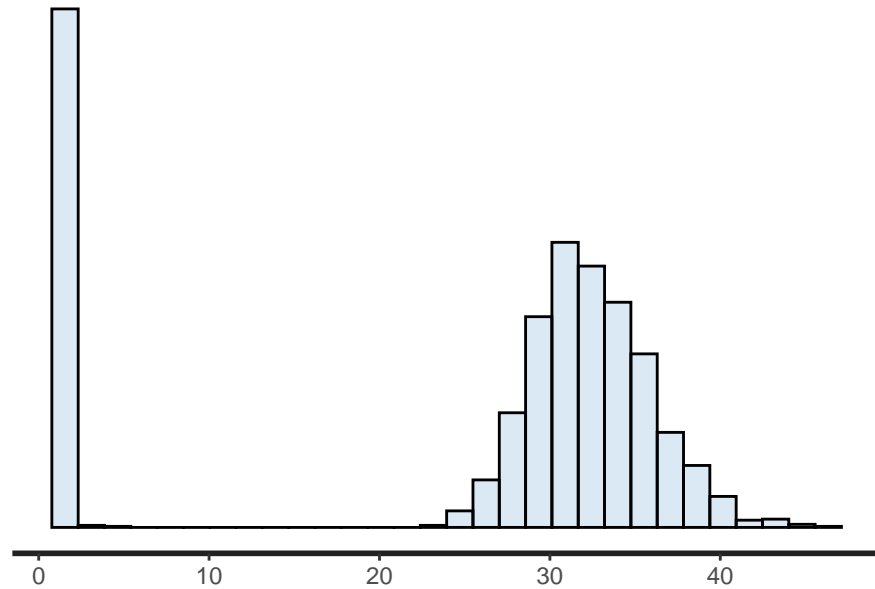




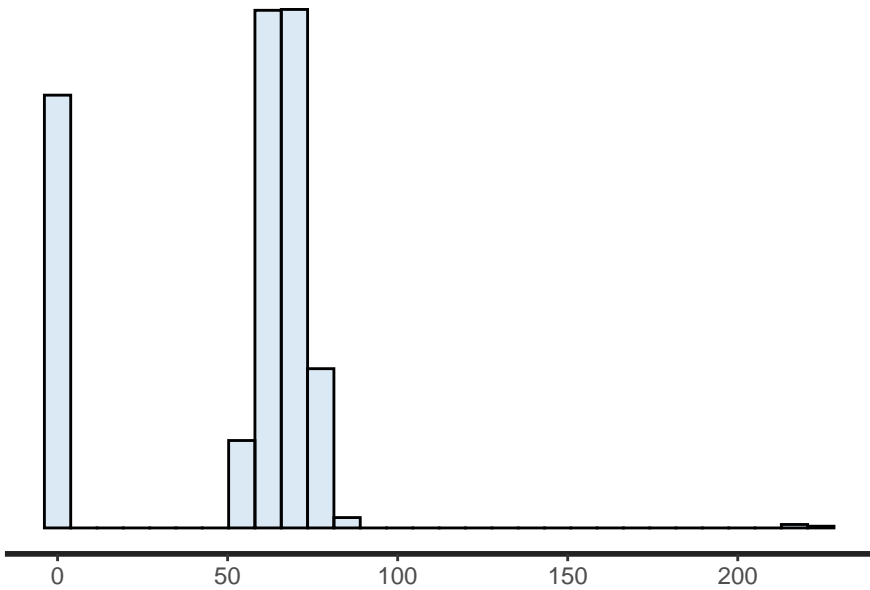
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

