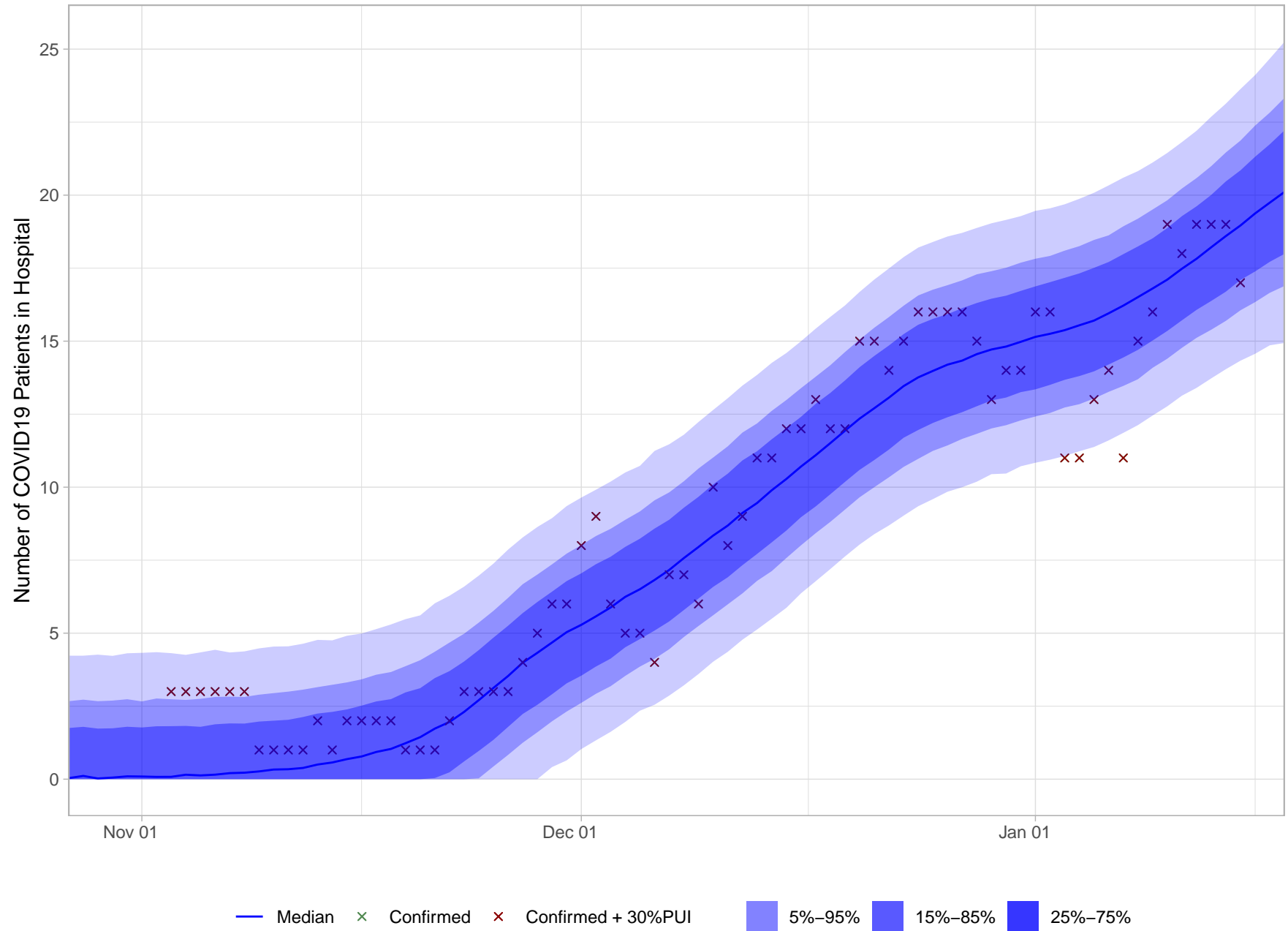
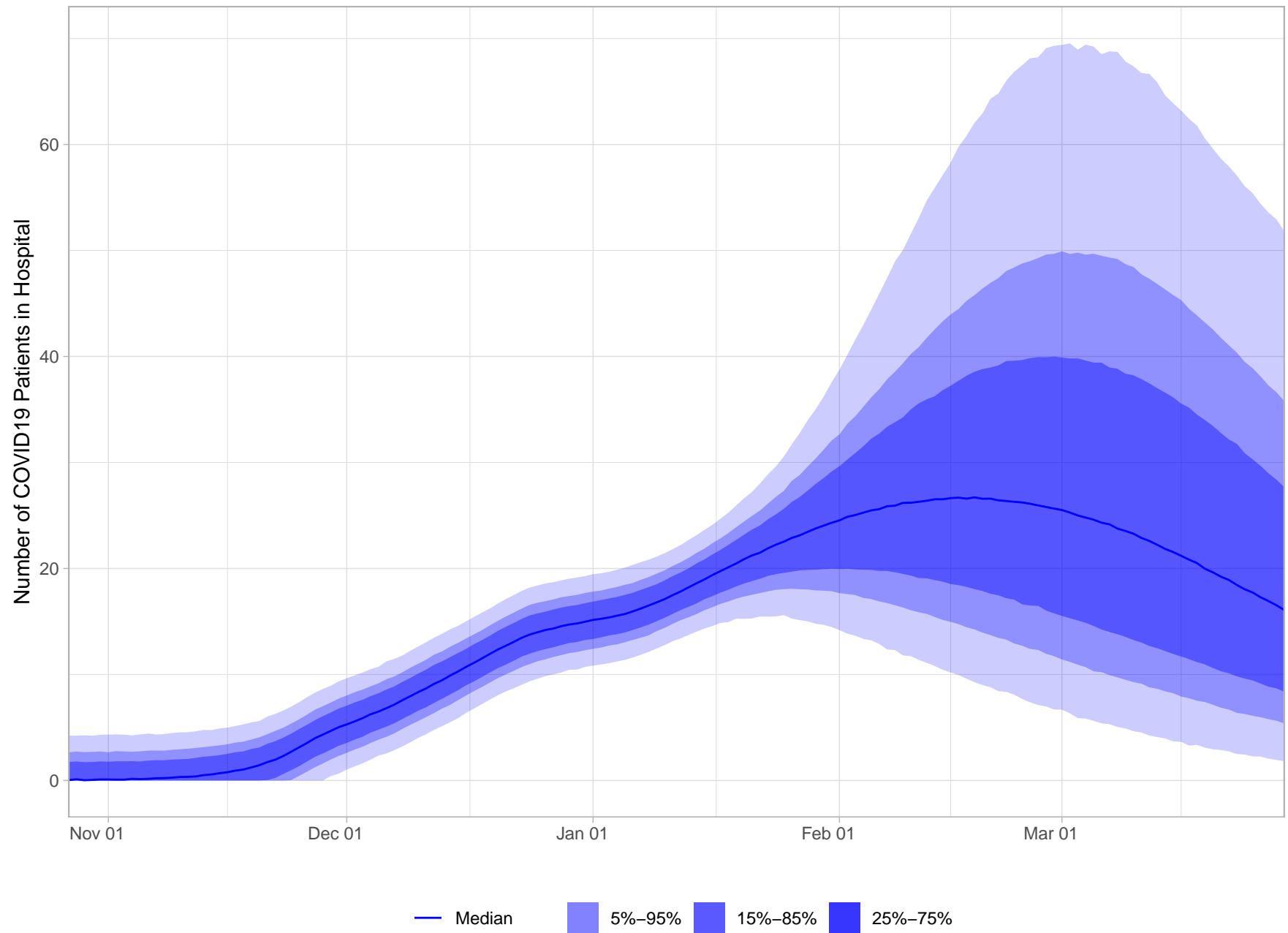


# Short Term Hospitalization Projection

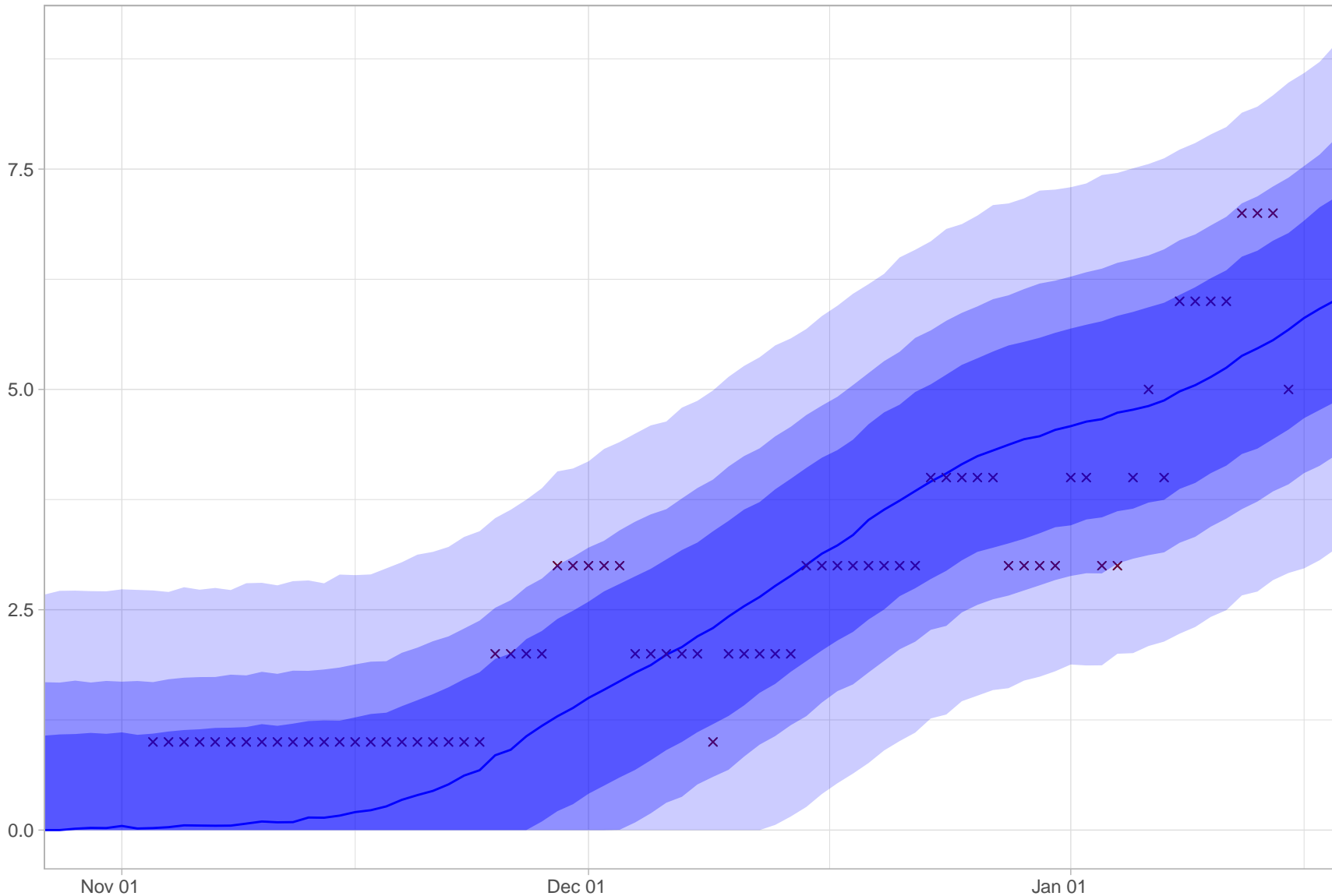


# Long Term Hospitalization Projection



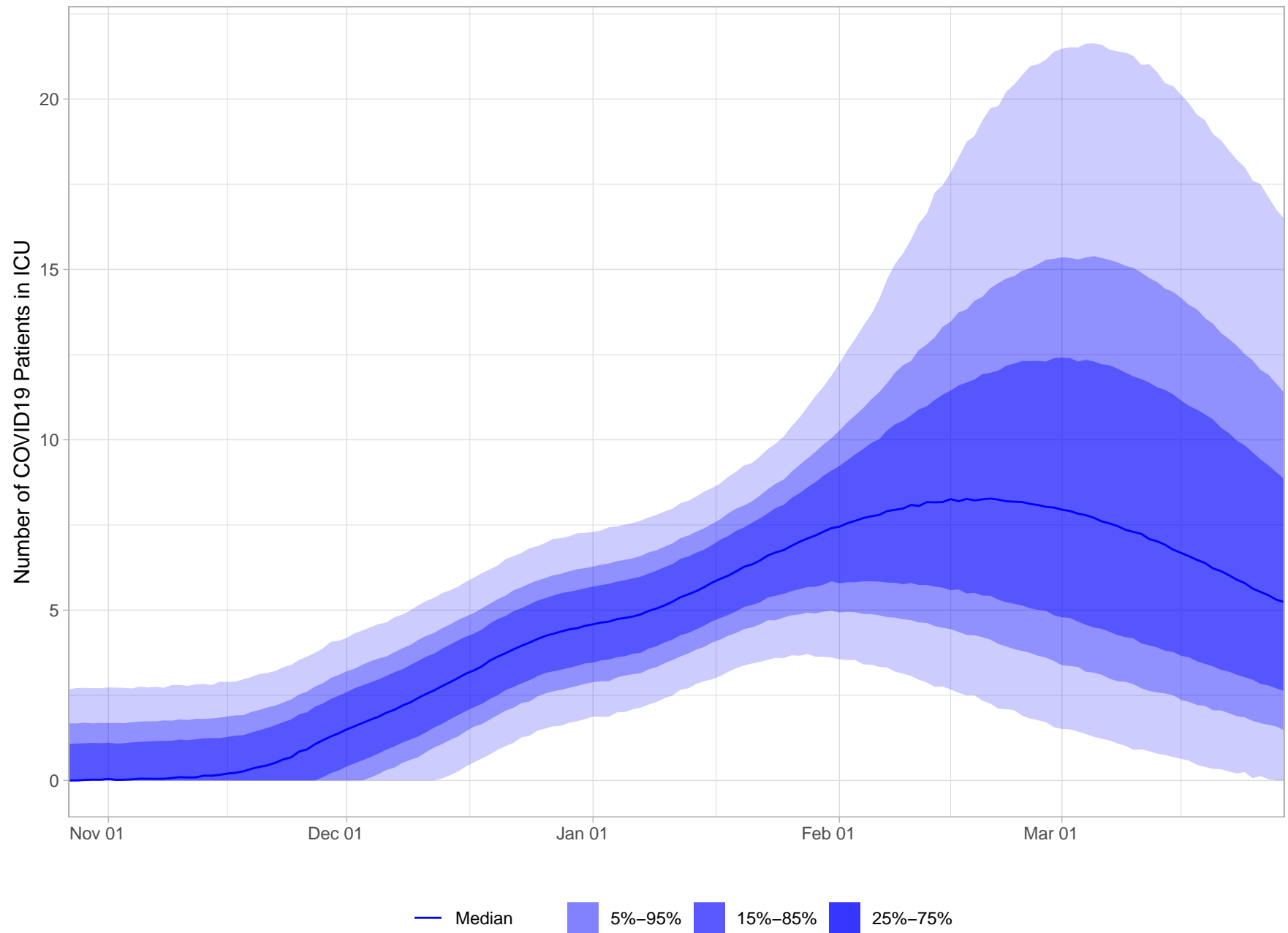
# Short Term ICU Projection

Number of COVID19 Patients in ICU



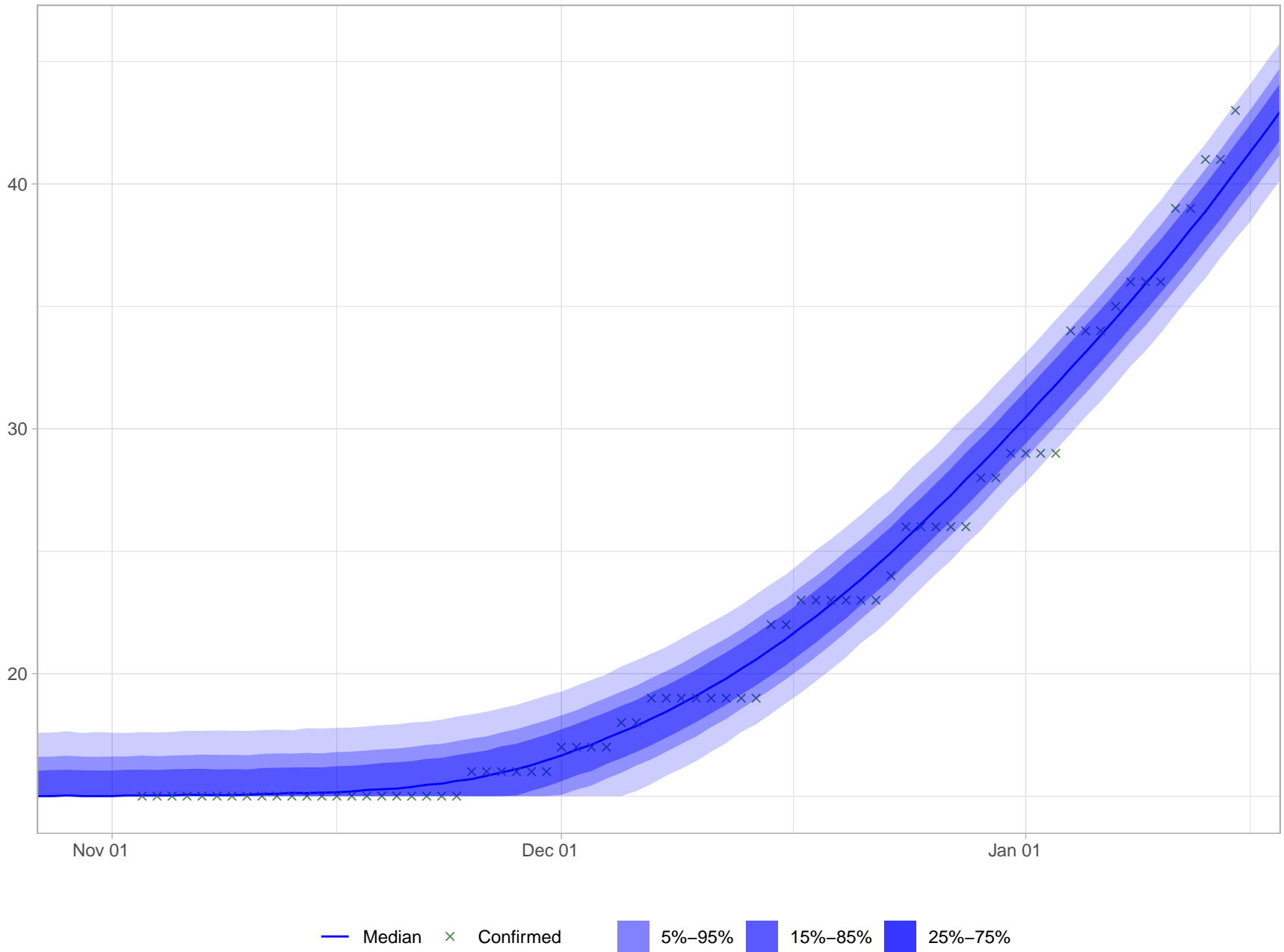
— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection

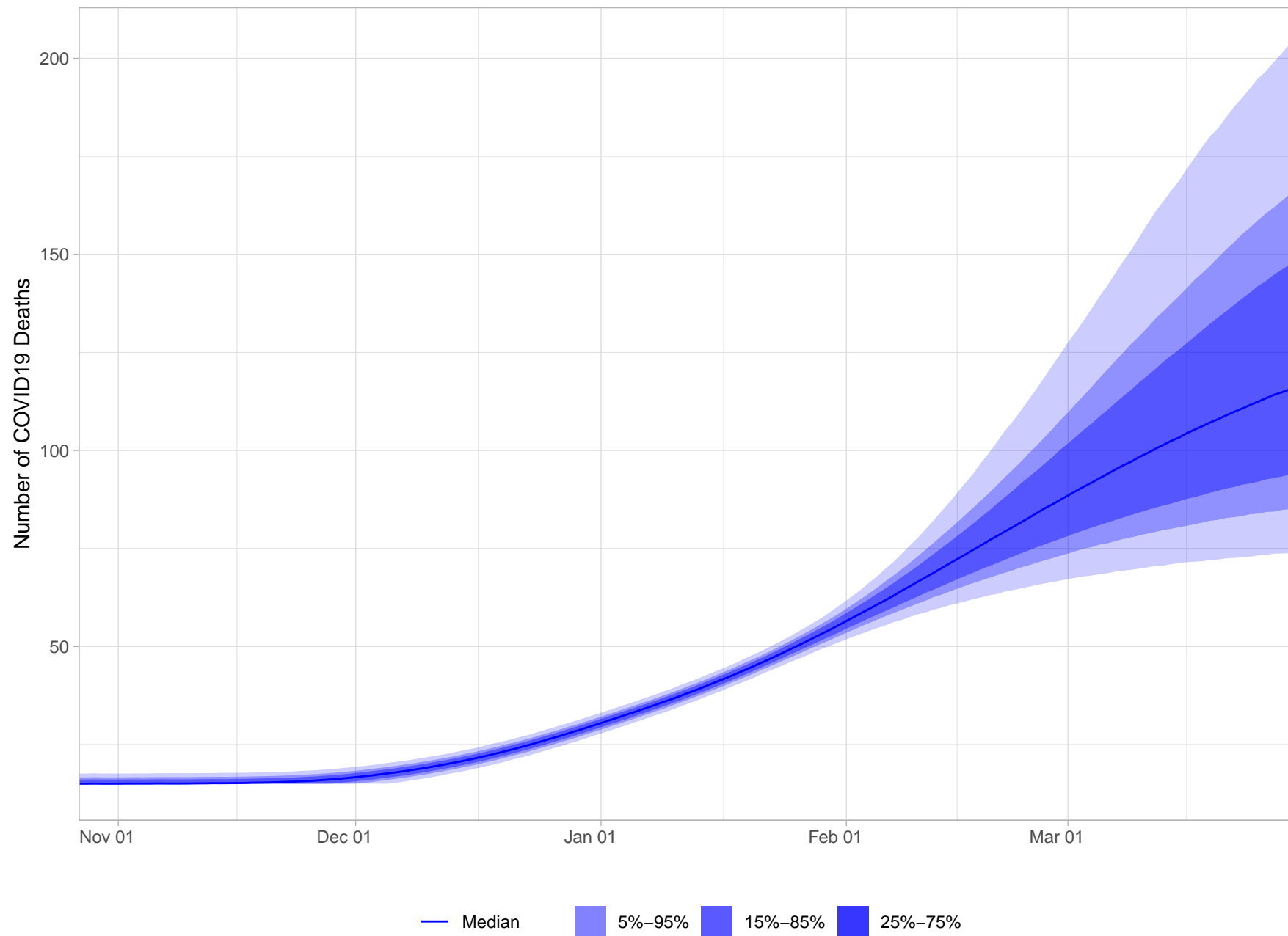


# Short Term Death Projection

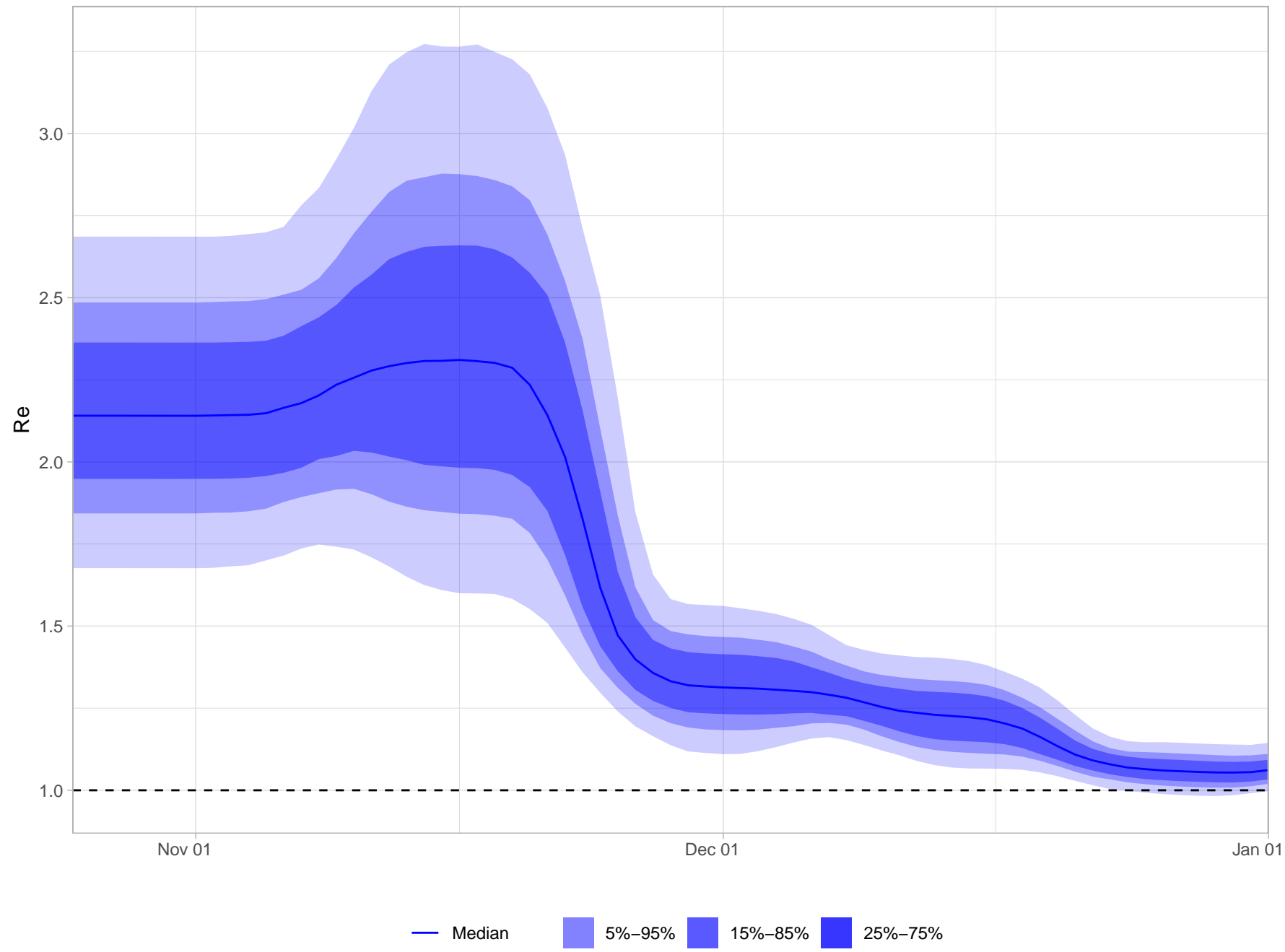
Number of COVID19 Deaths



# Long Term Death Projection

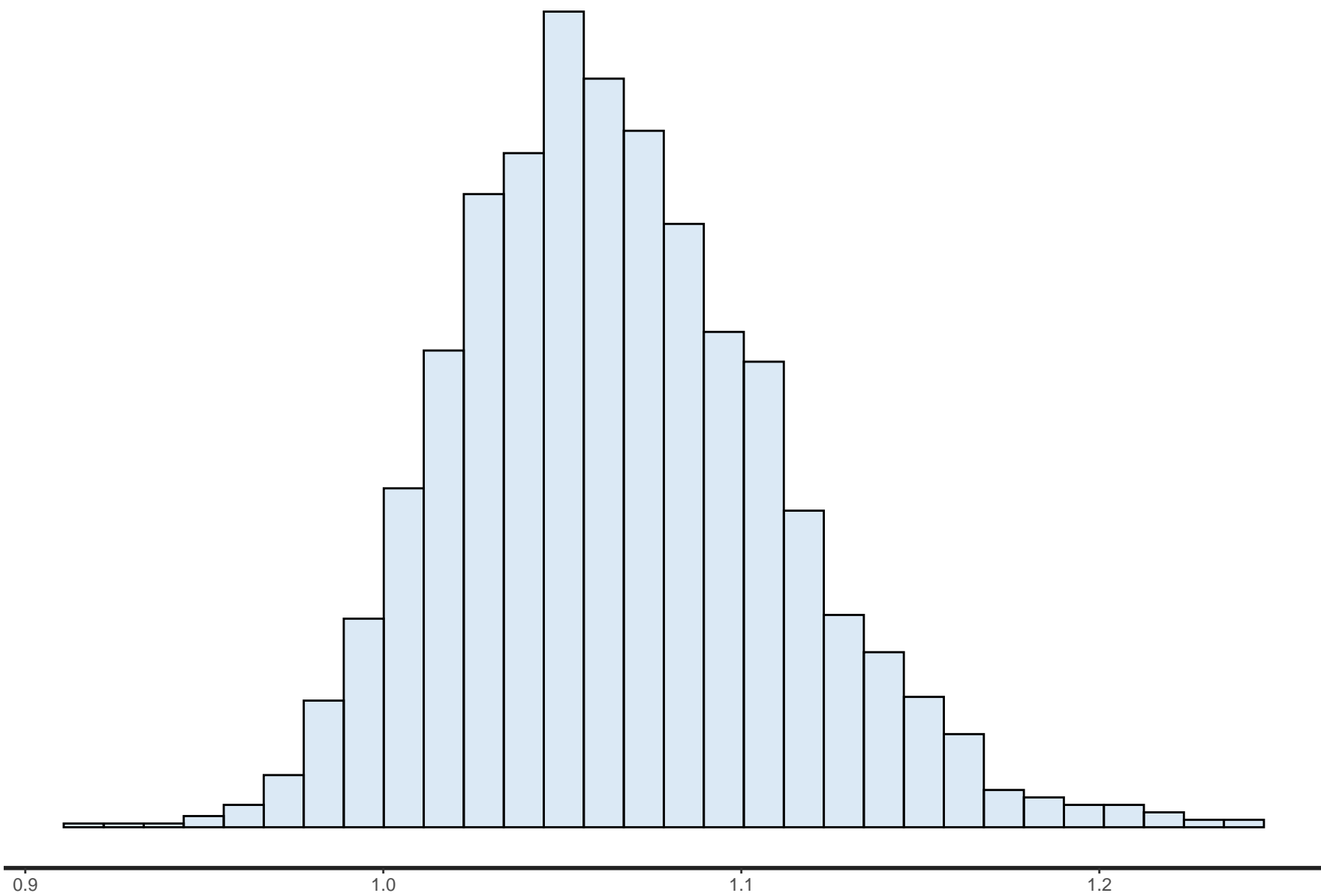


Effective Reproduction Number

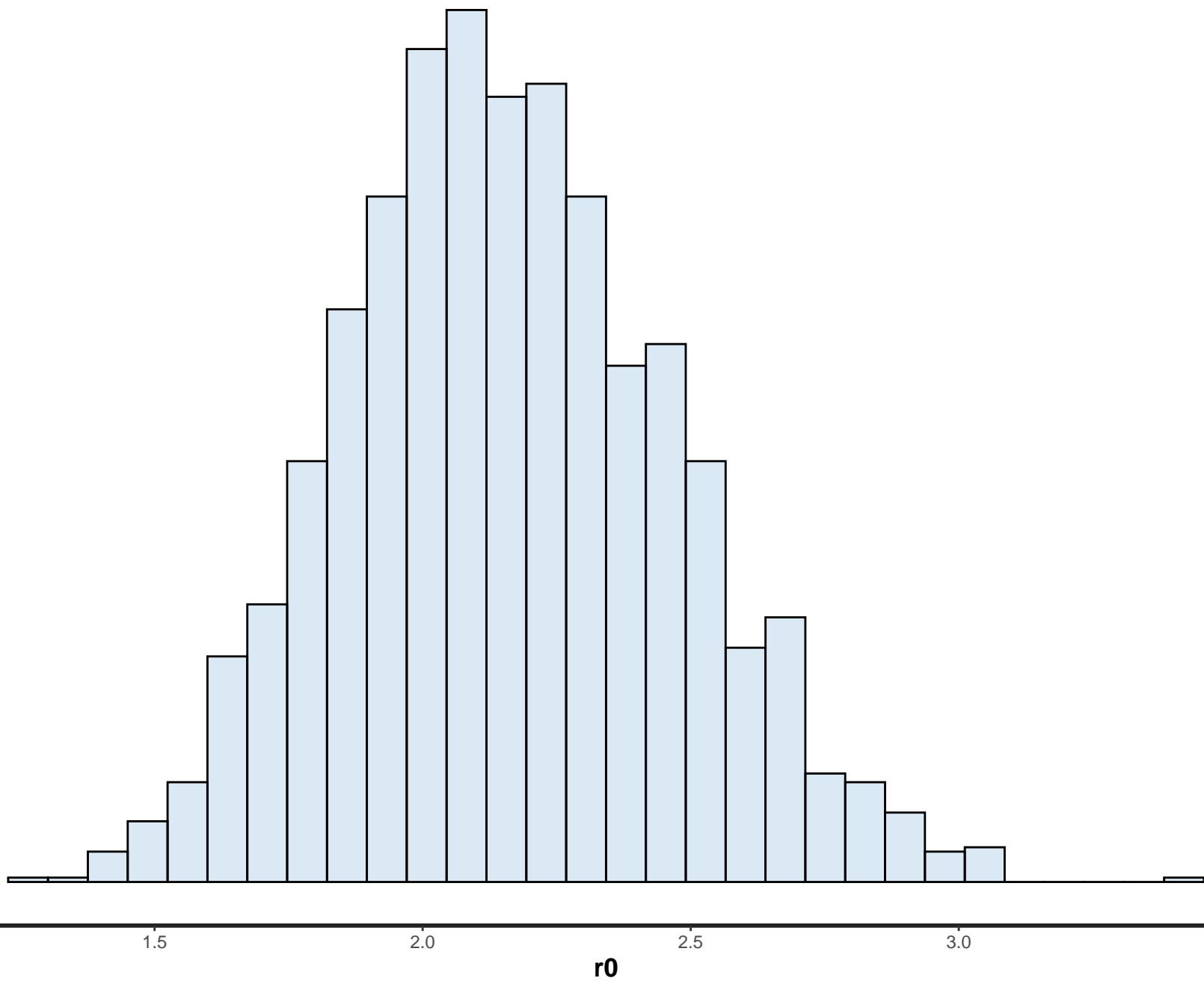


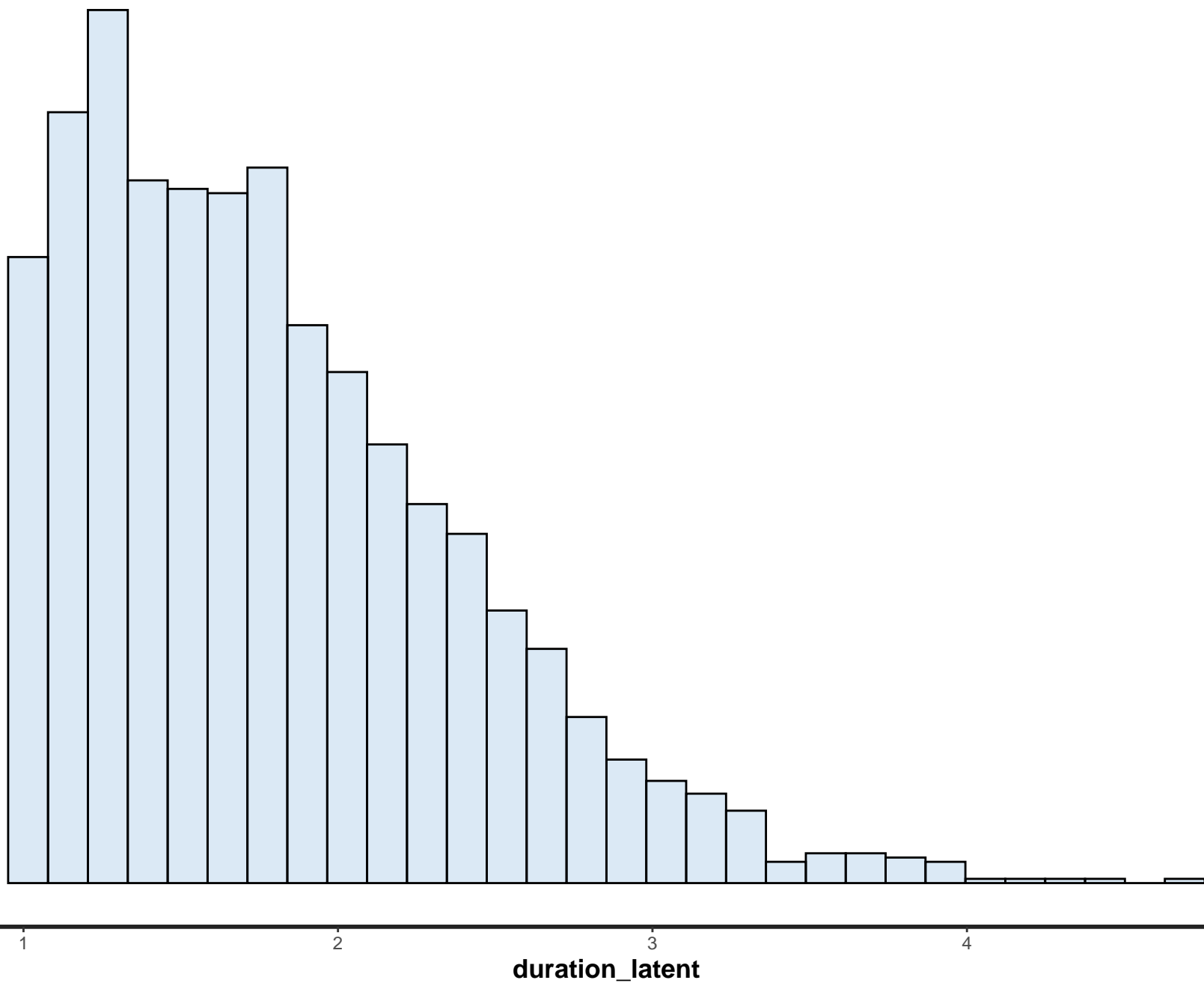
# Rt as of 2021-01-01

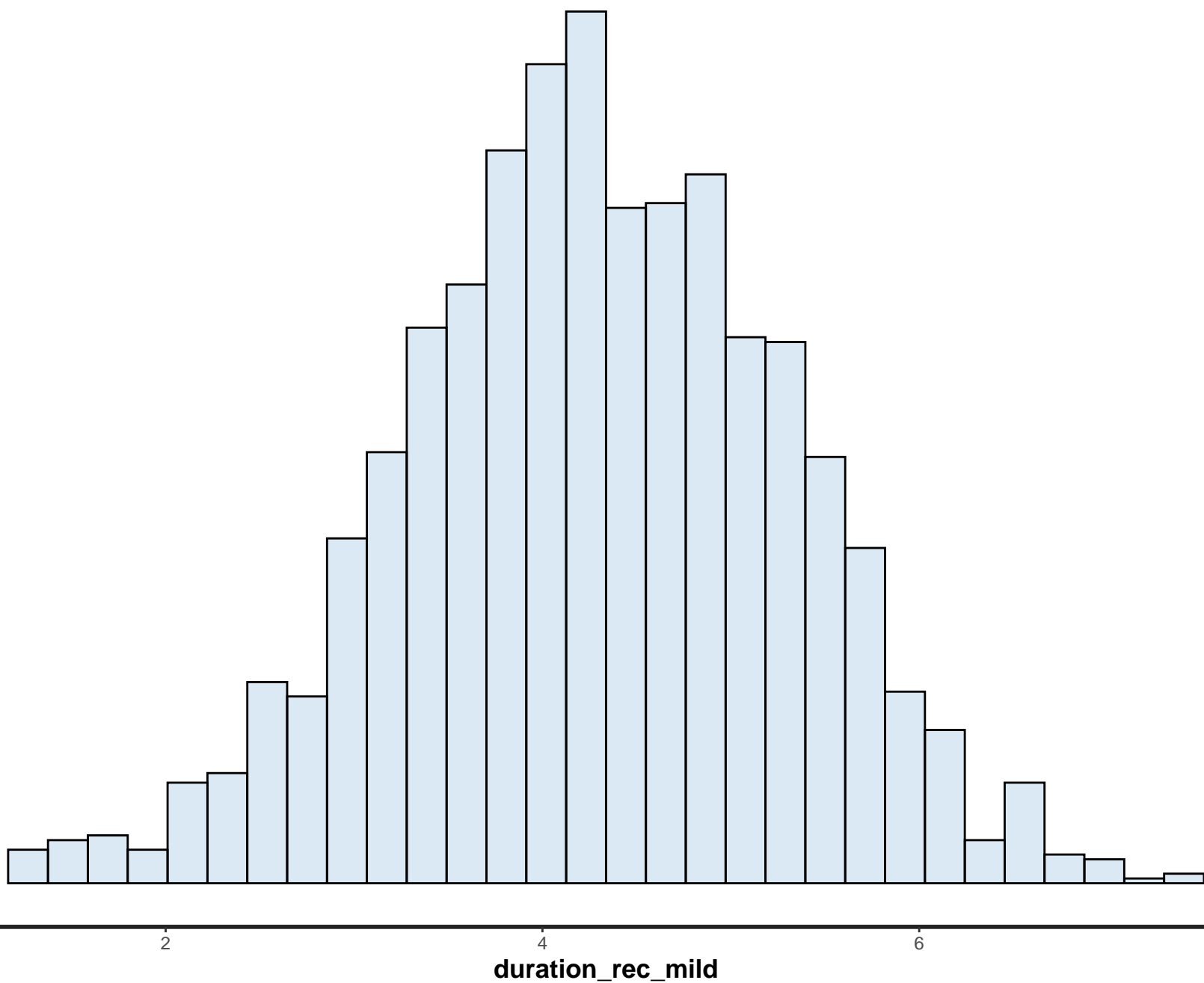
5% 10% 25% 50% 75% 90% 95%  
1.00 1.01 1.03 1.06 1.09 1.12 1.14

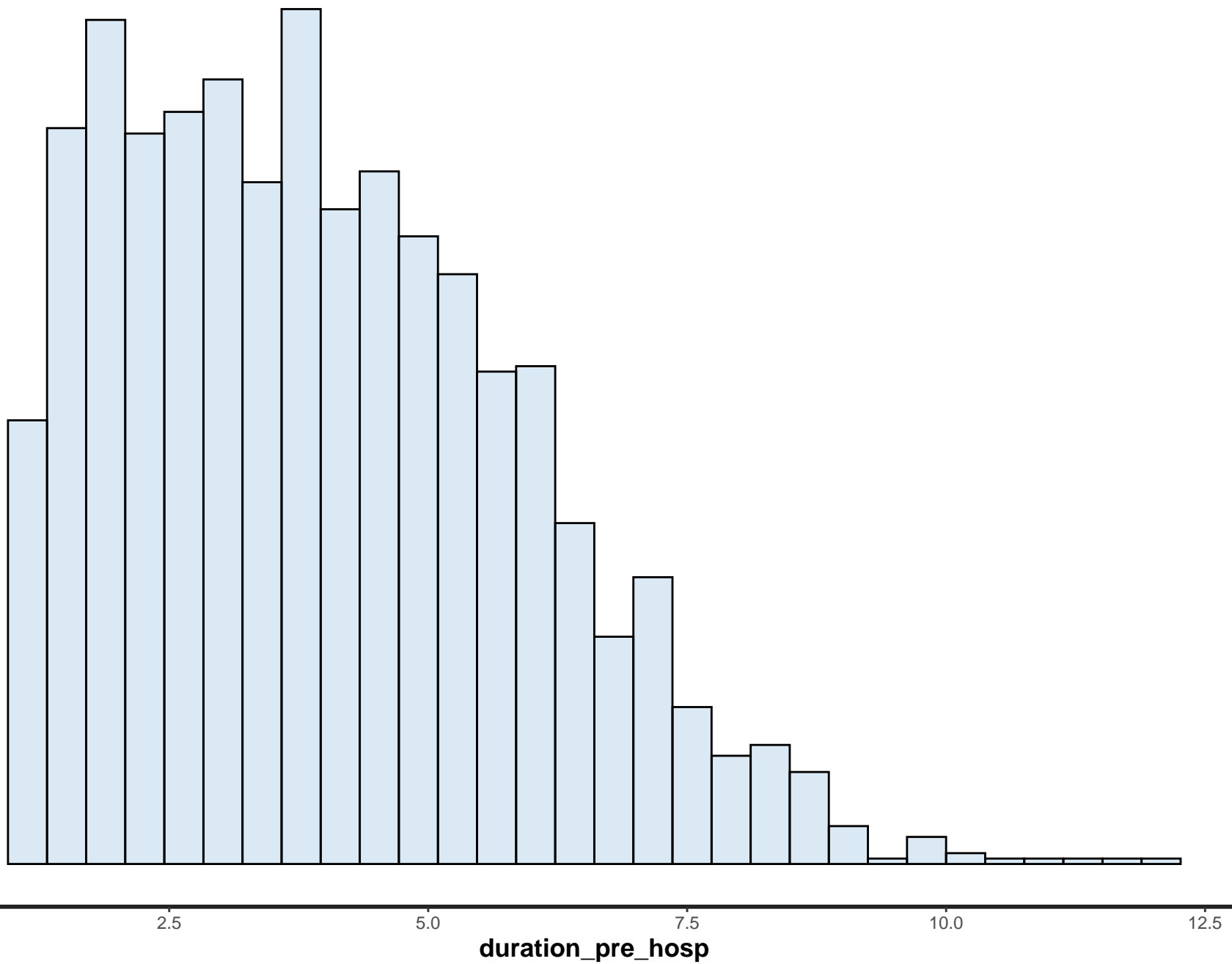


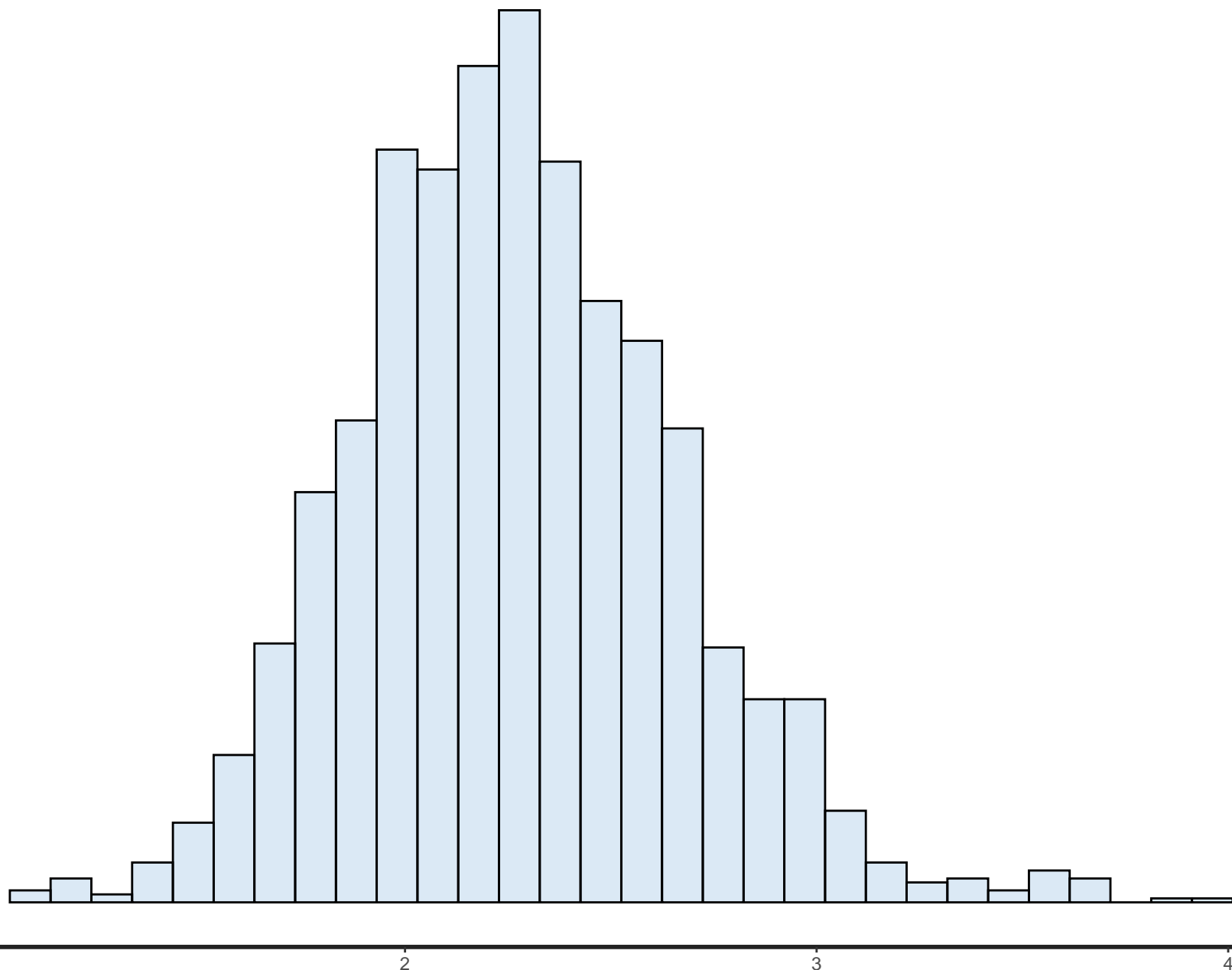


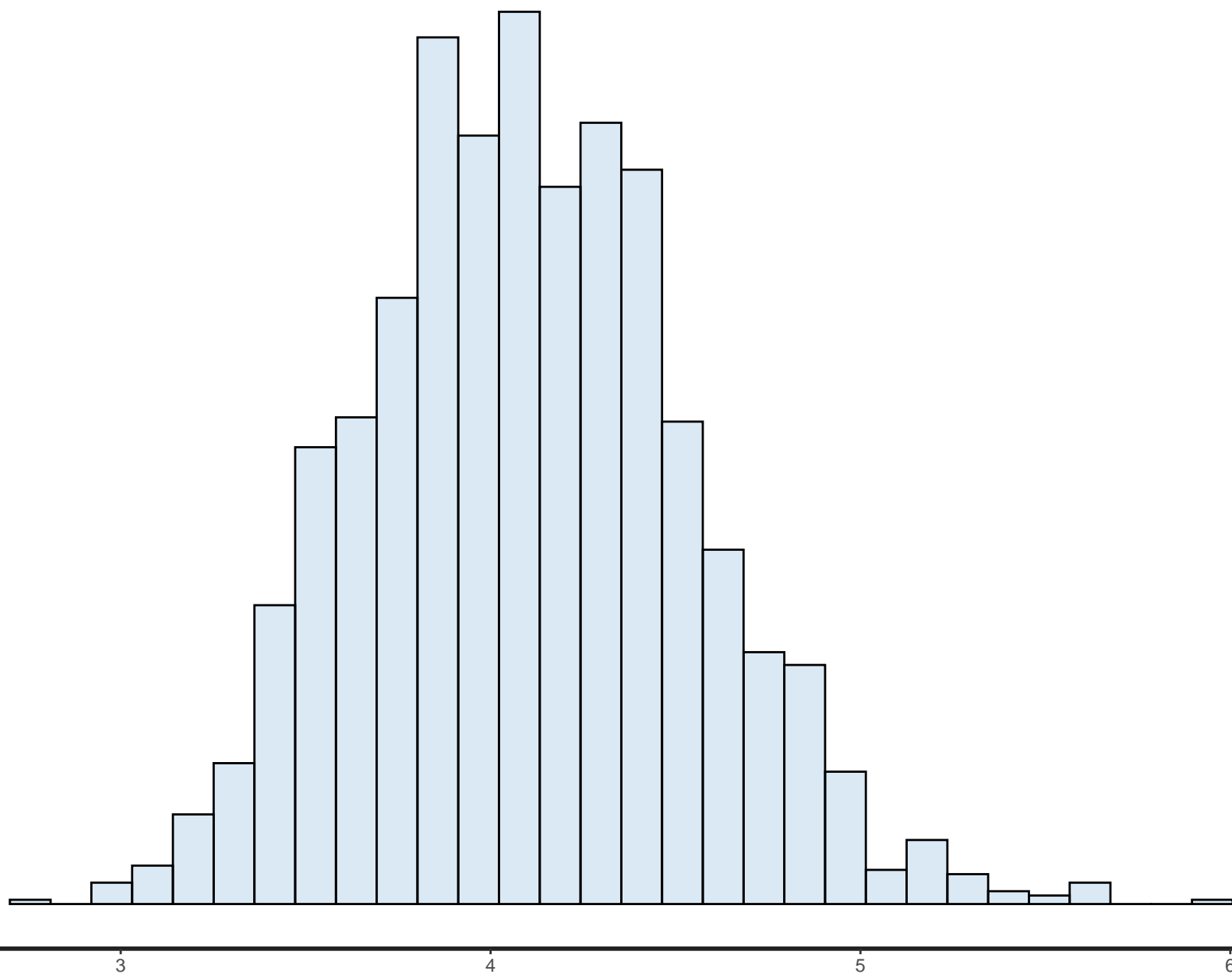


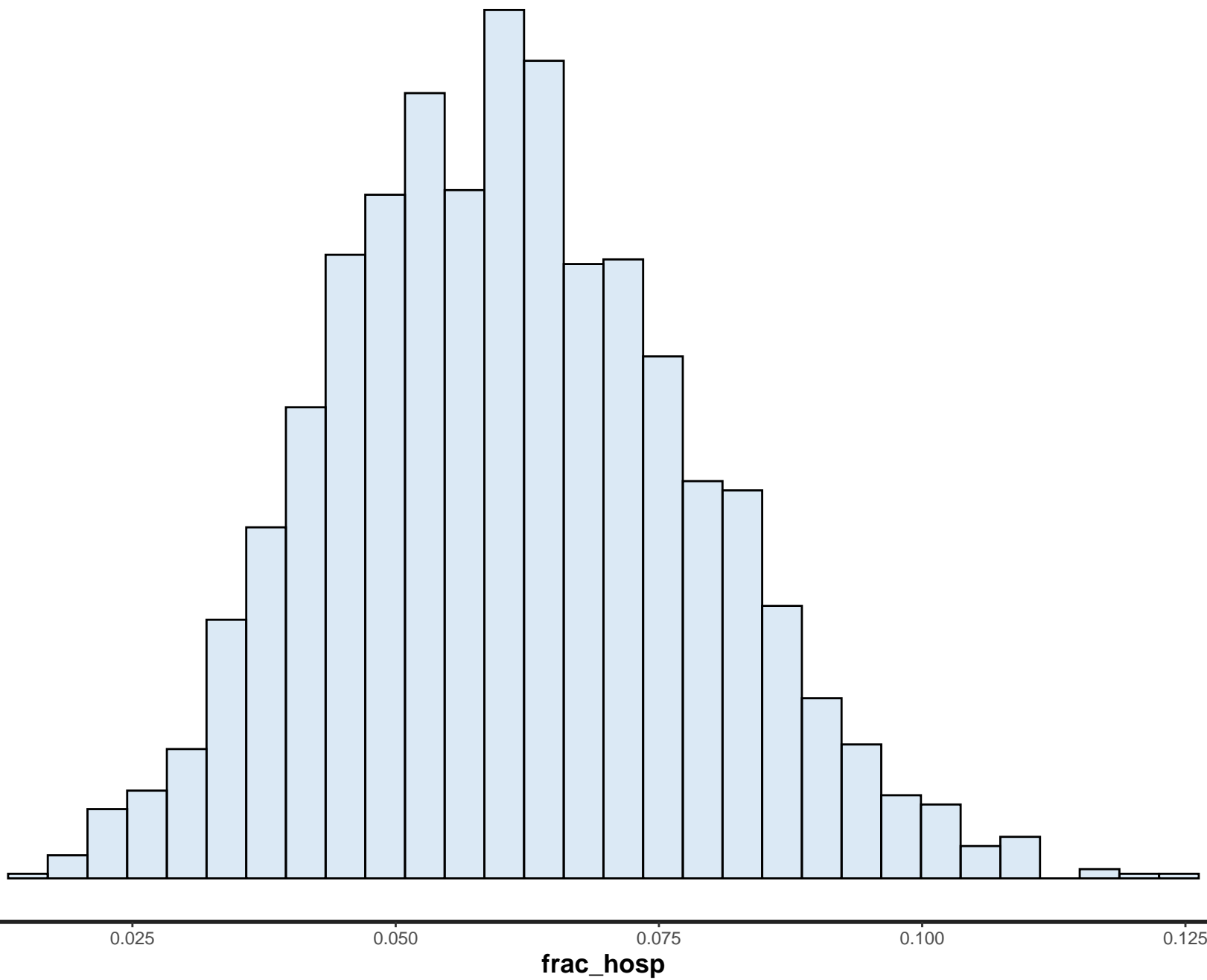


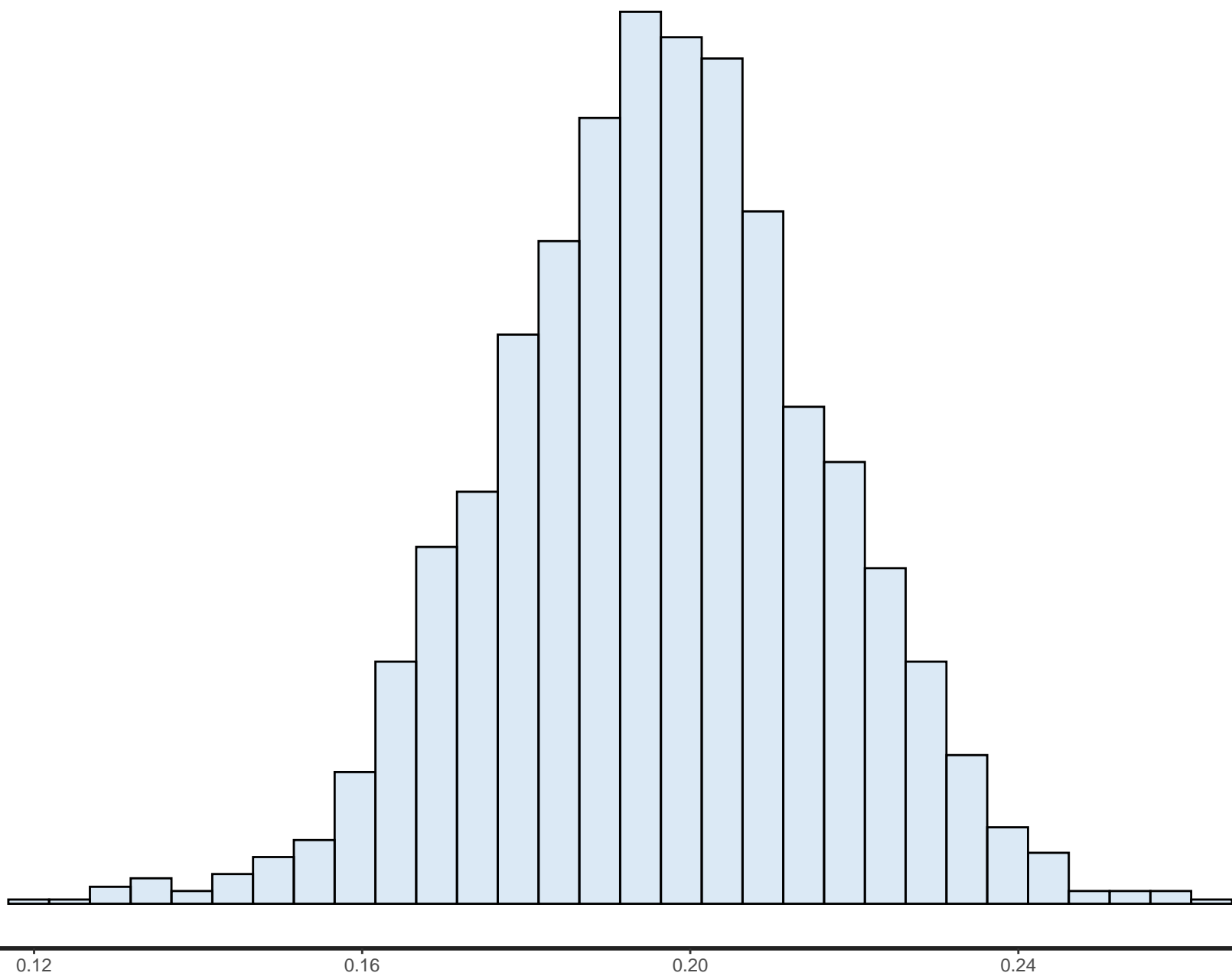




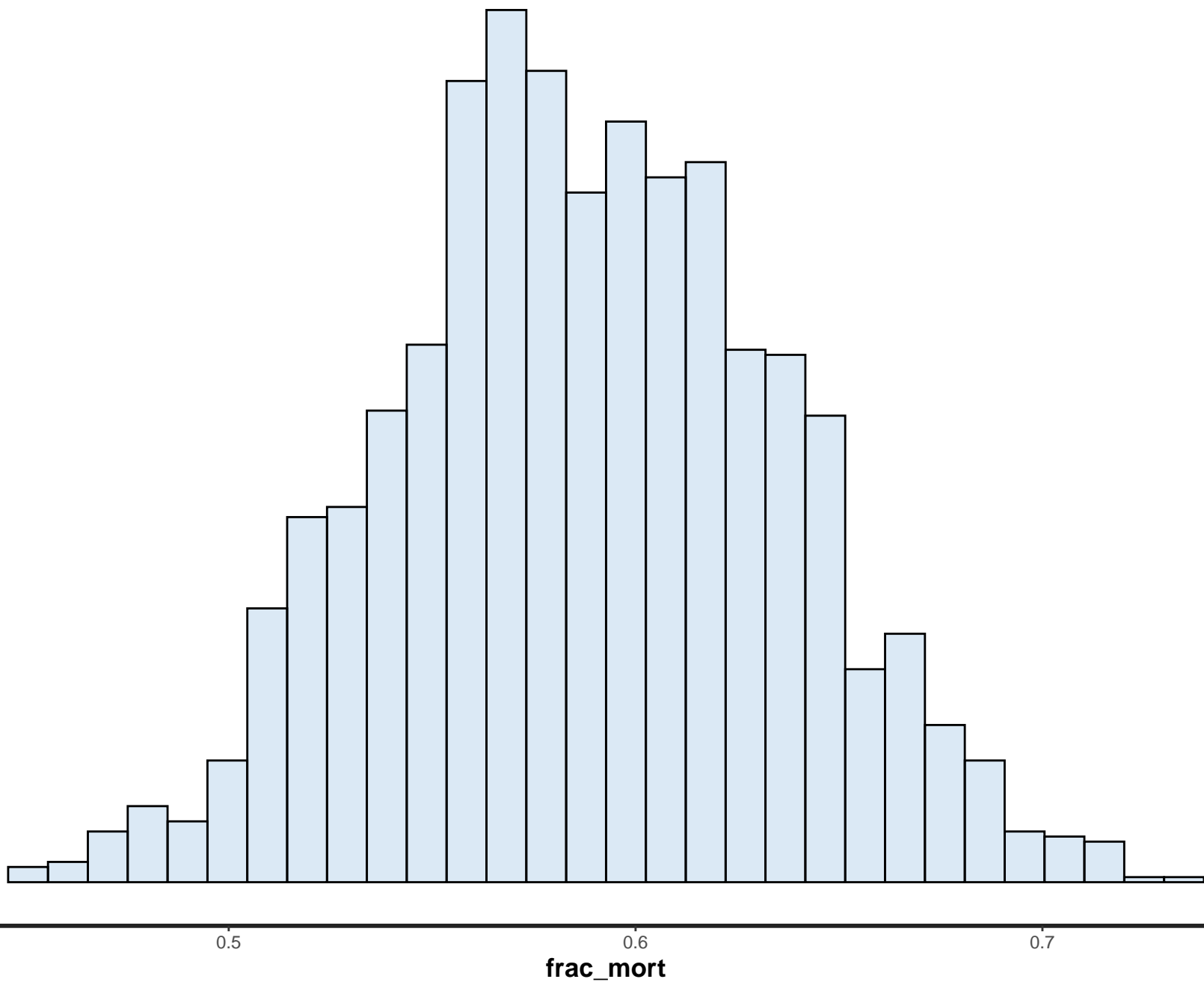




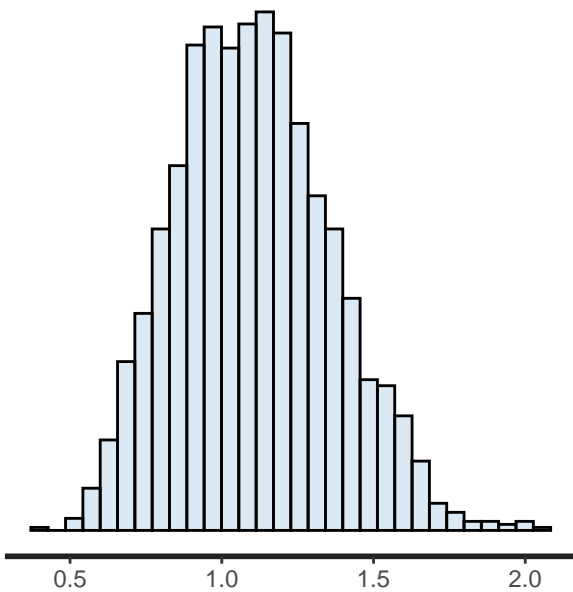




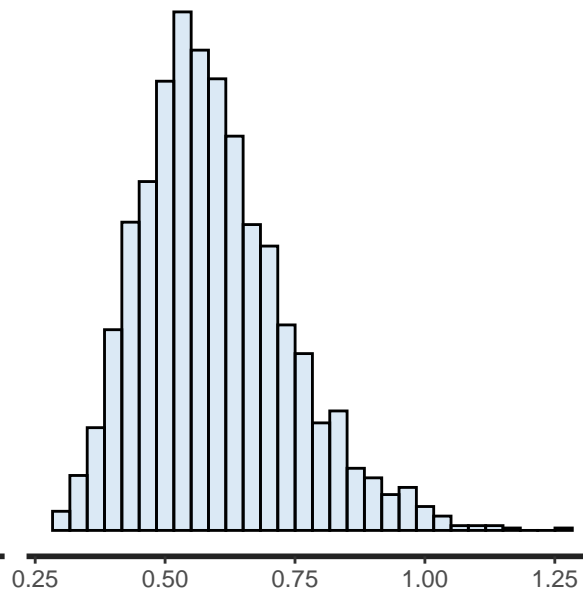




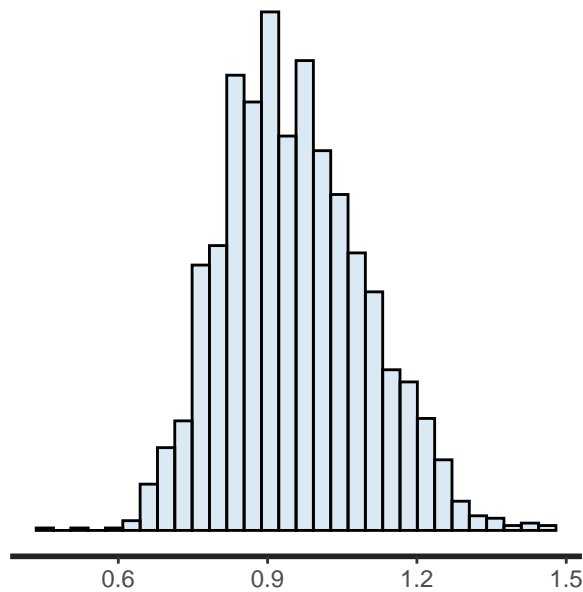
**beta\_multiplier[1]**



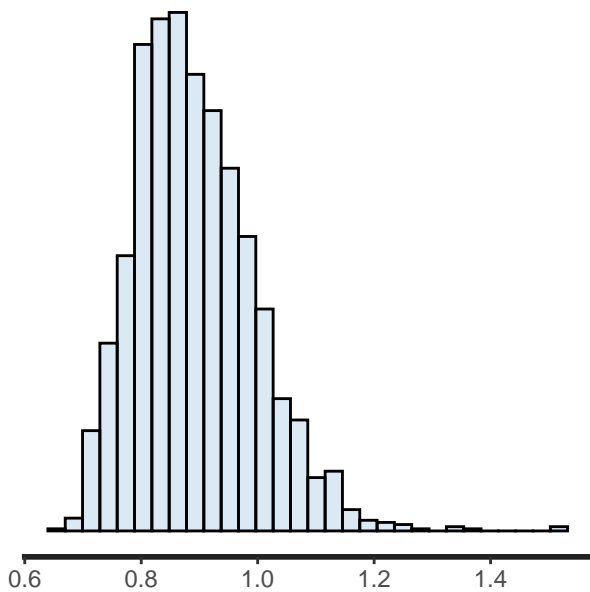
**beta\_multiplier[2]**



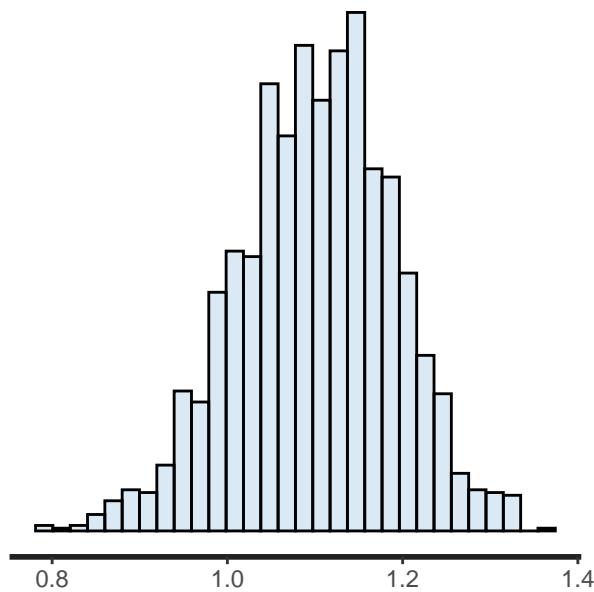
**beta\_multiplier[3]**



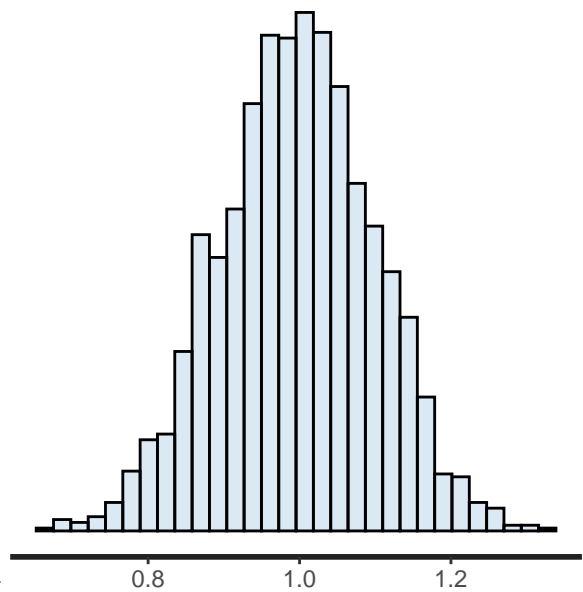
**beta\_multiplier[4]**



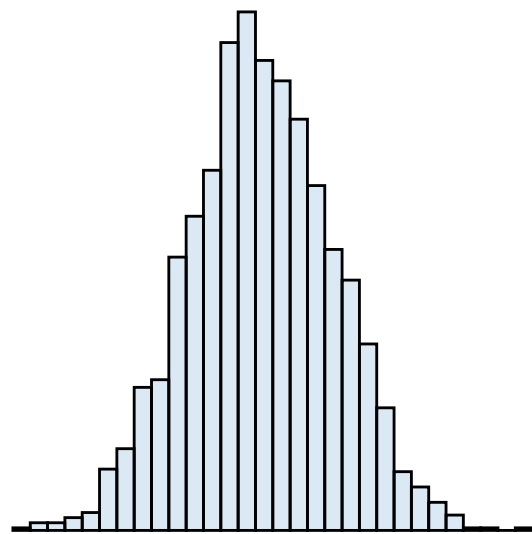
**beta\_multiplier[5]**



**beta\_multiplier[6]**



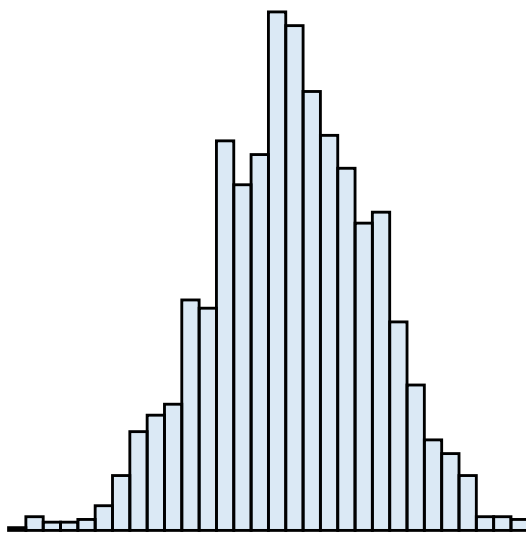
**t\_inter[1]**



Nov 02

Nov 09

**t\_inter[2]**



Nov 15

Nov 17

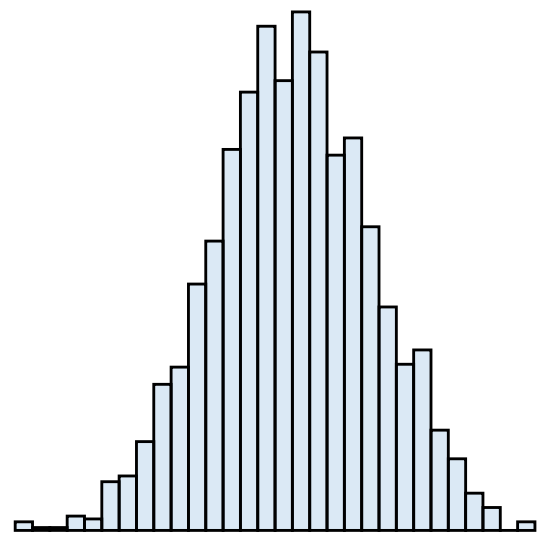
Nov 19

Nov 21

Nov 23

Nov 25

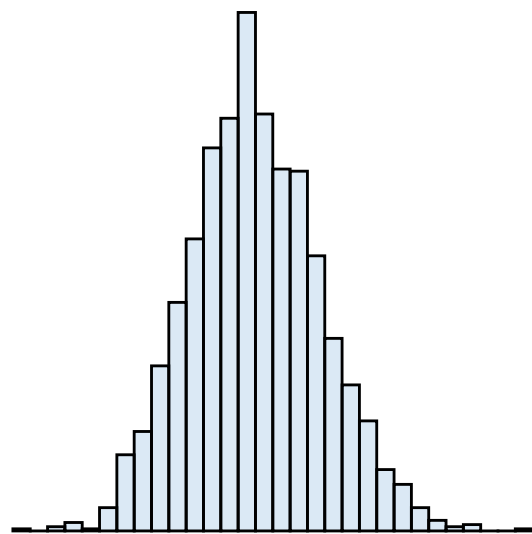
**t\_inter[3]**



Nov 30

Dec 07

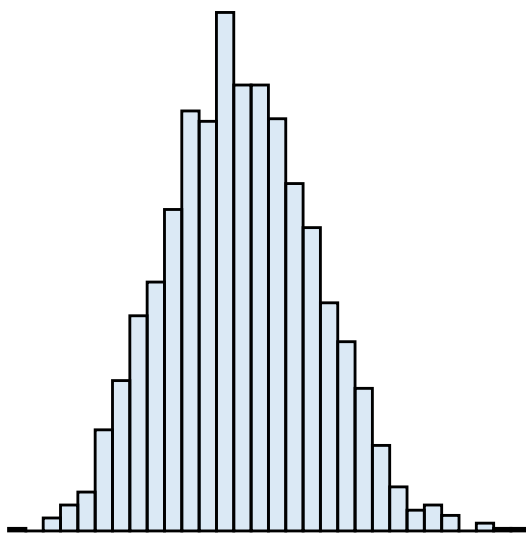
**t\_inter[4]**



Dec 14

Dec 21

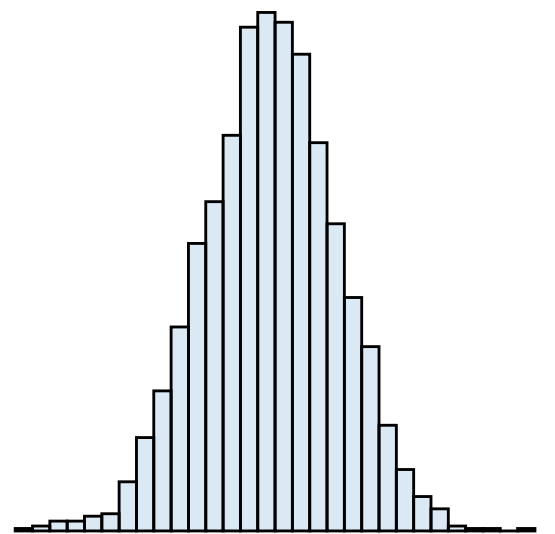
**t\_inter[5]**



Dec 28

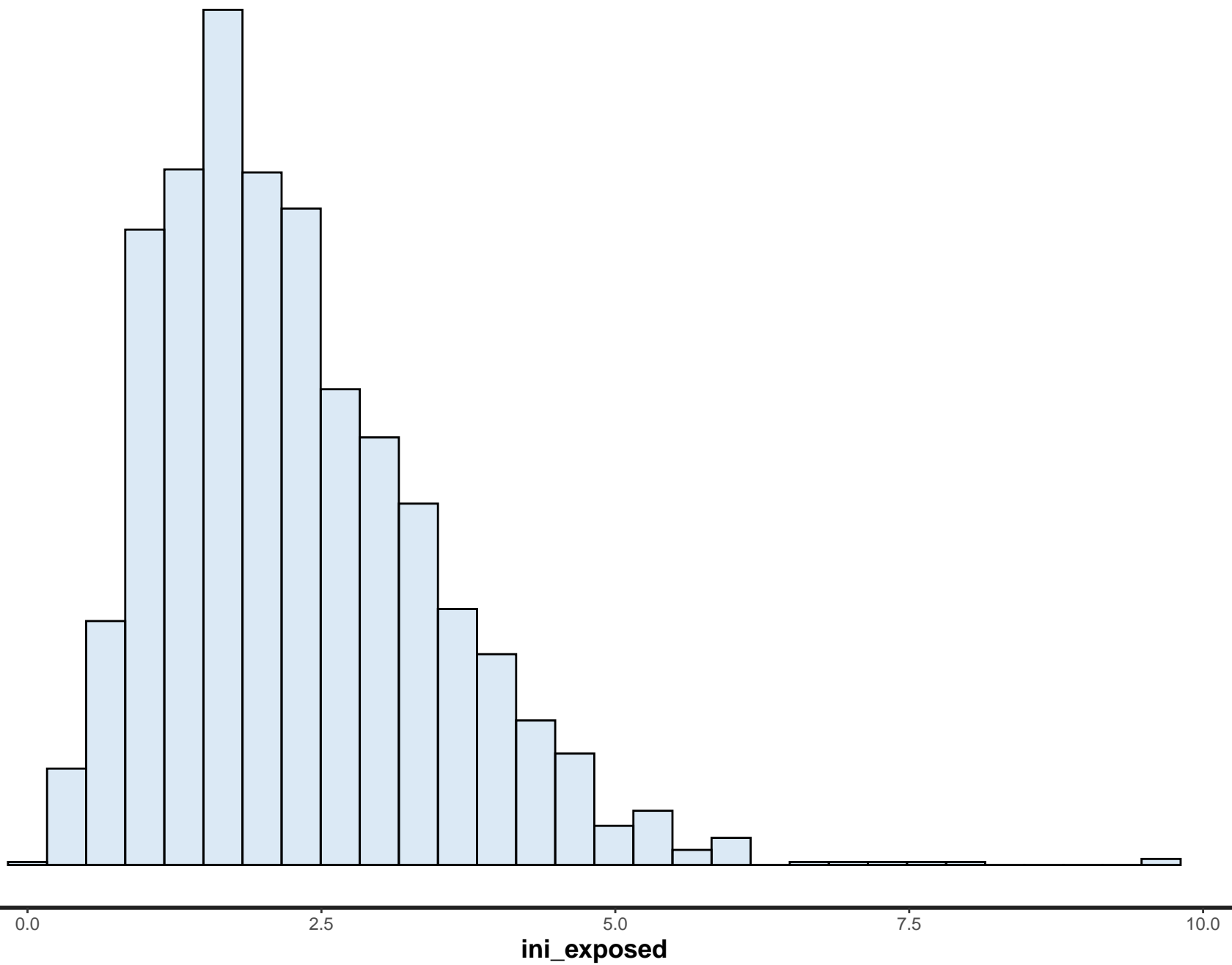
Jan 04

**t\_inter[6]**

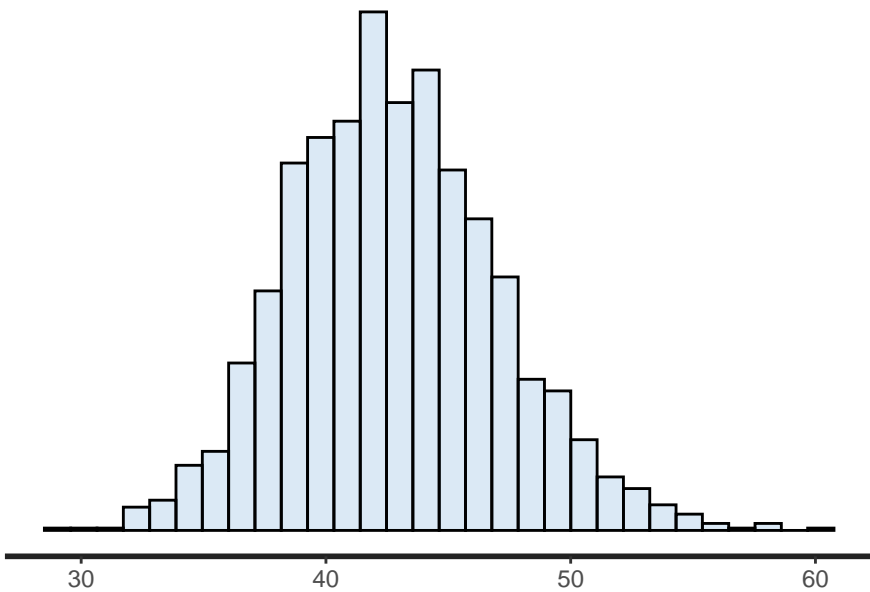


Jan 11

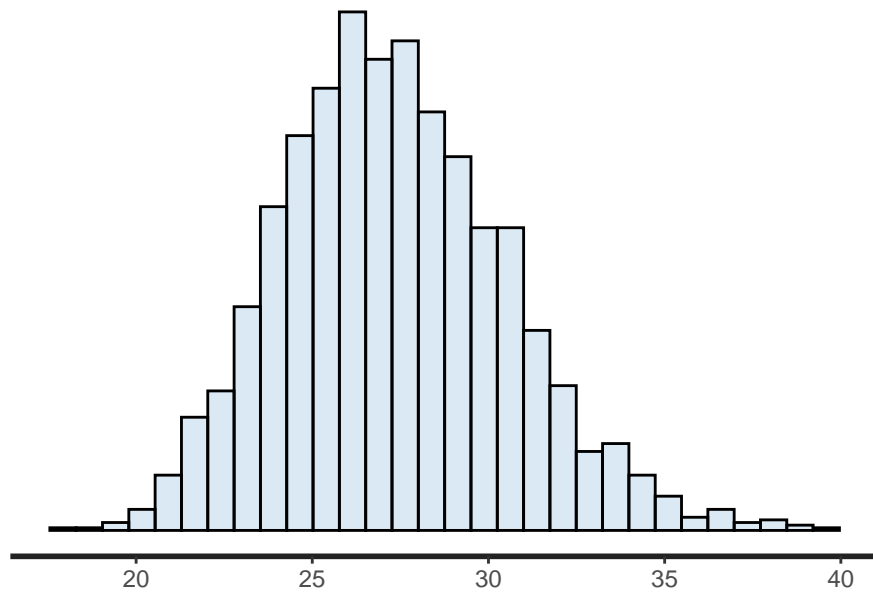
Jan 18



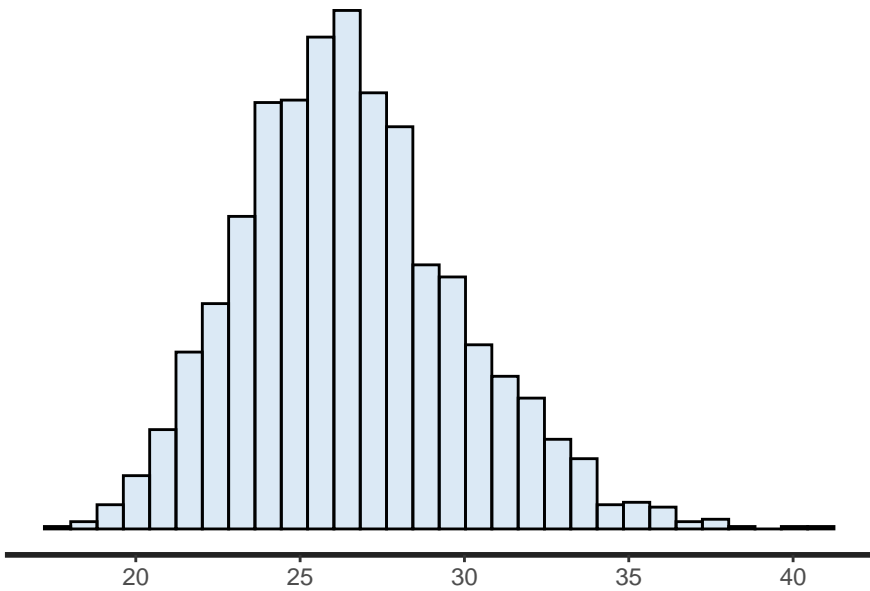
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

