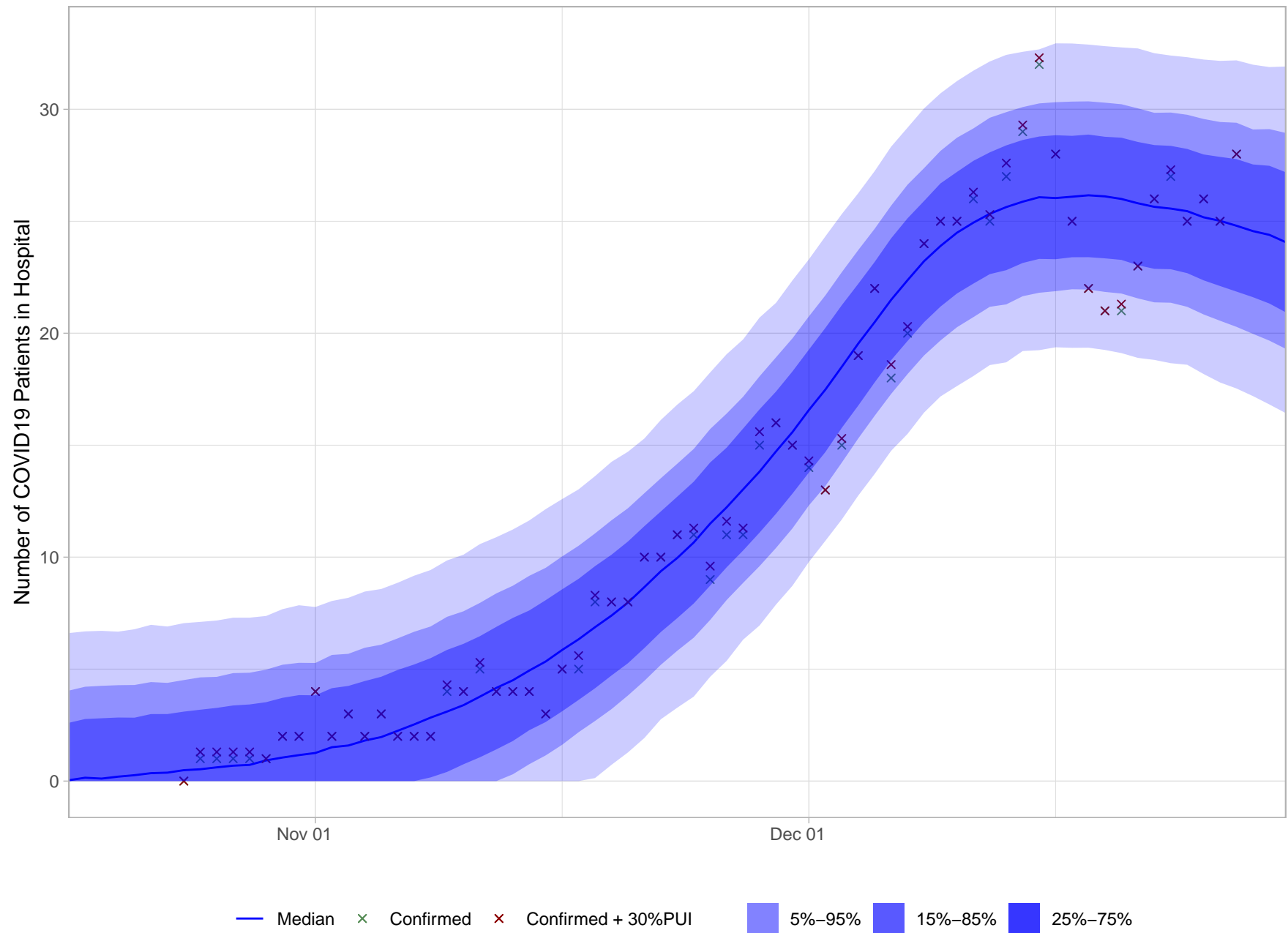
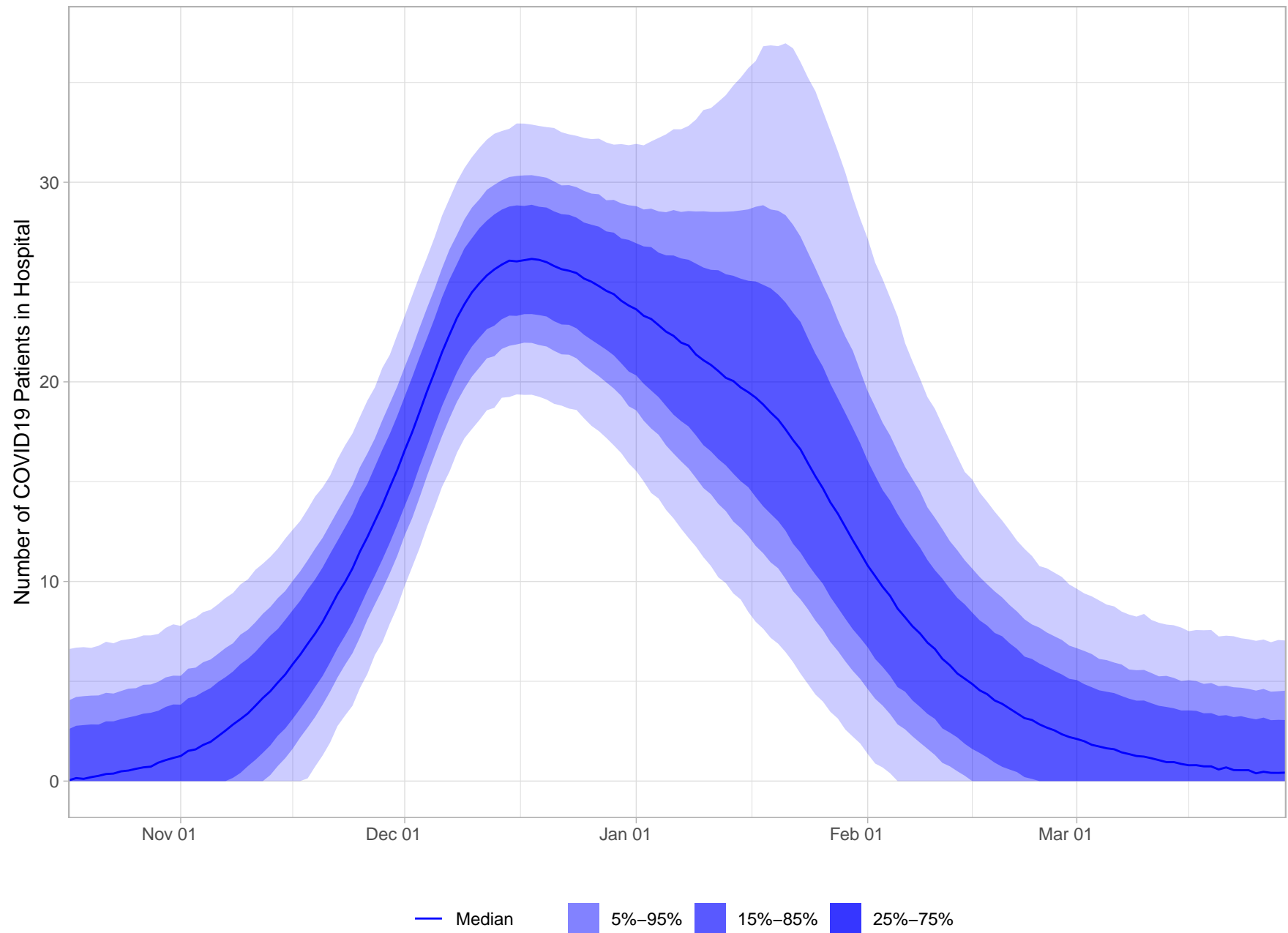


# Short Term Hospitalization Projection

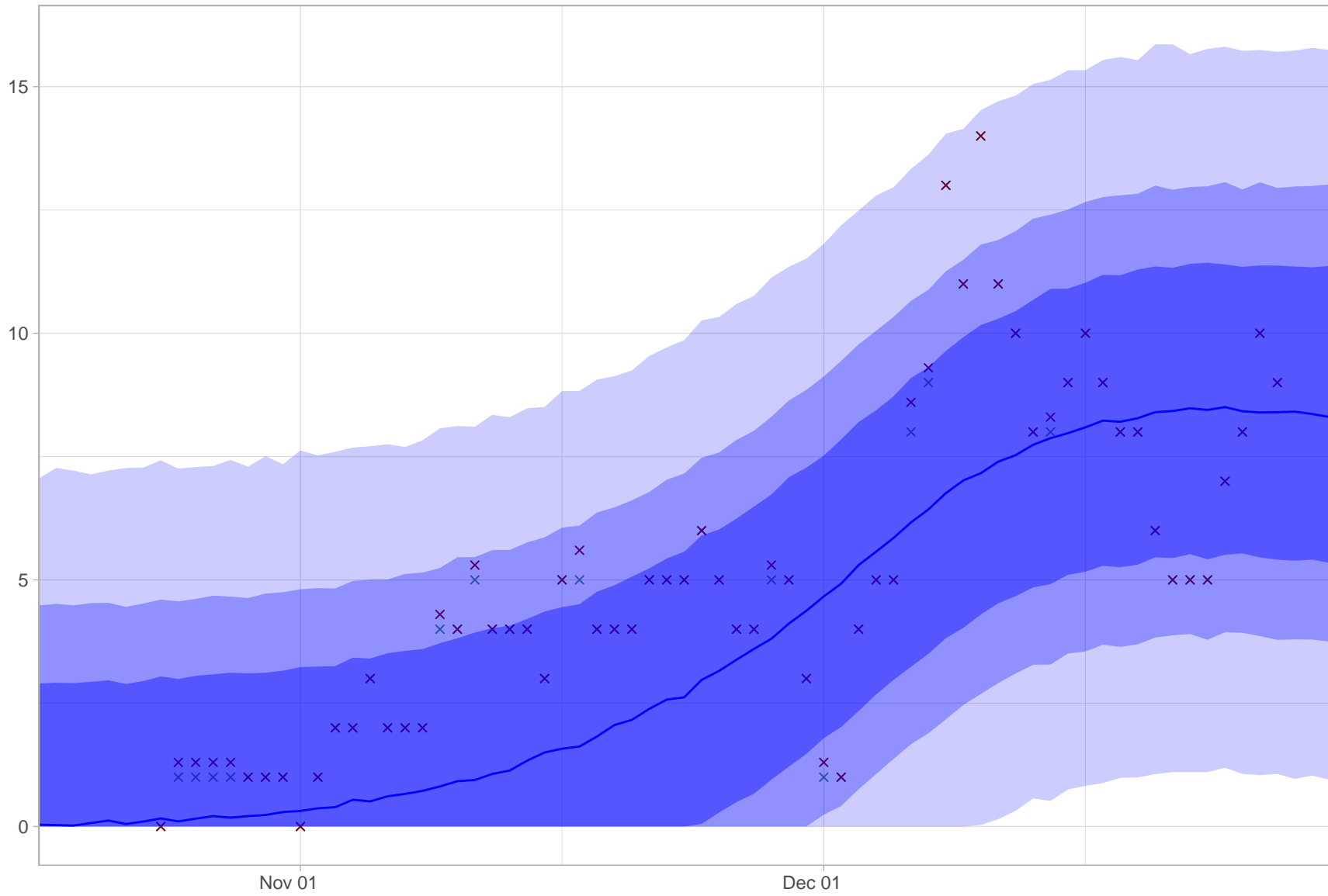


# Long Term Hospitalization Projection



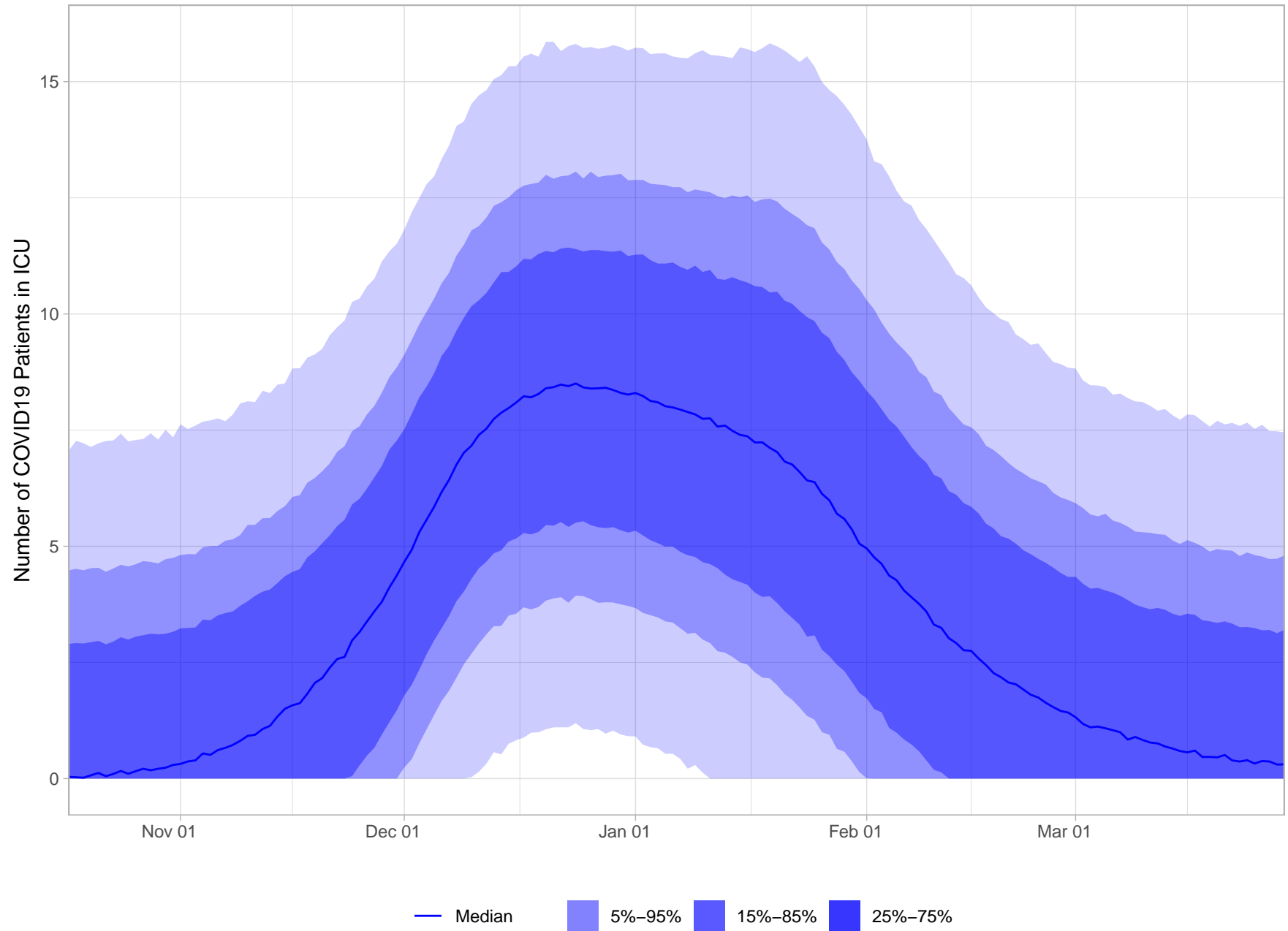
# Short Term ICU Projection

Number of COVID19 Patients in ICU



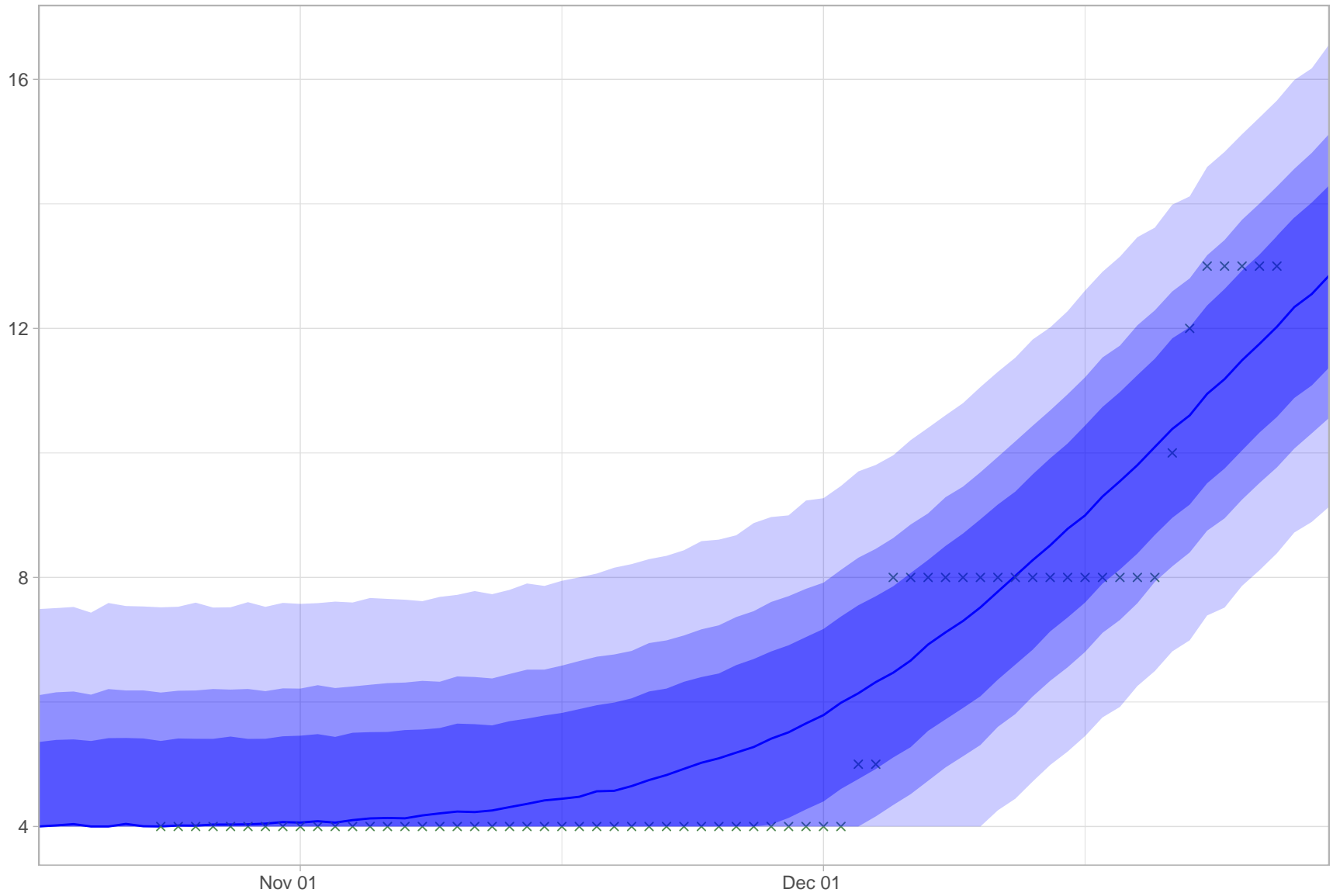
Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

# Long Term ICU Projection



# Short Term Death Projection

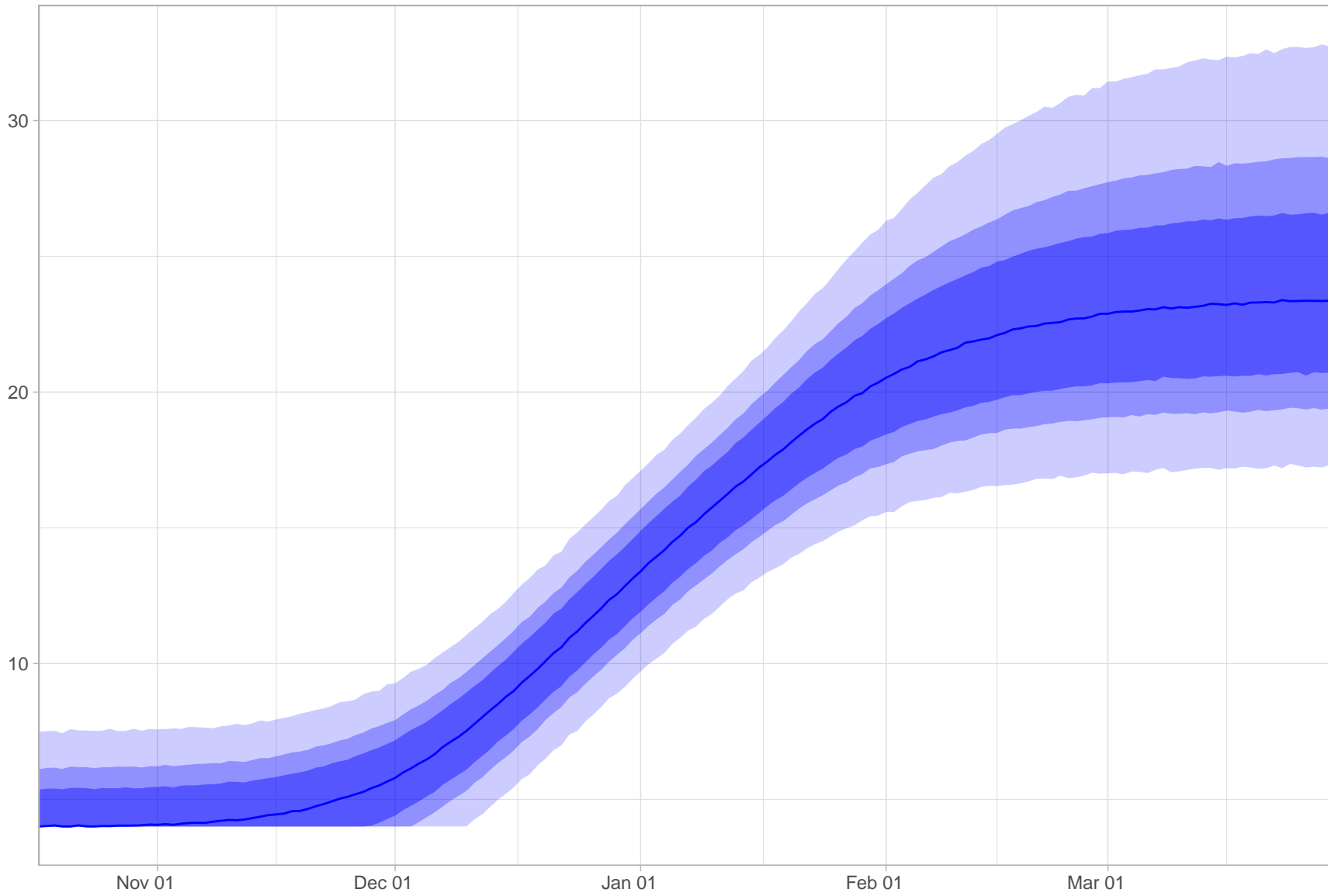
Number of COVID19 Deaths



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

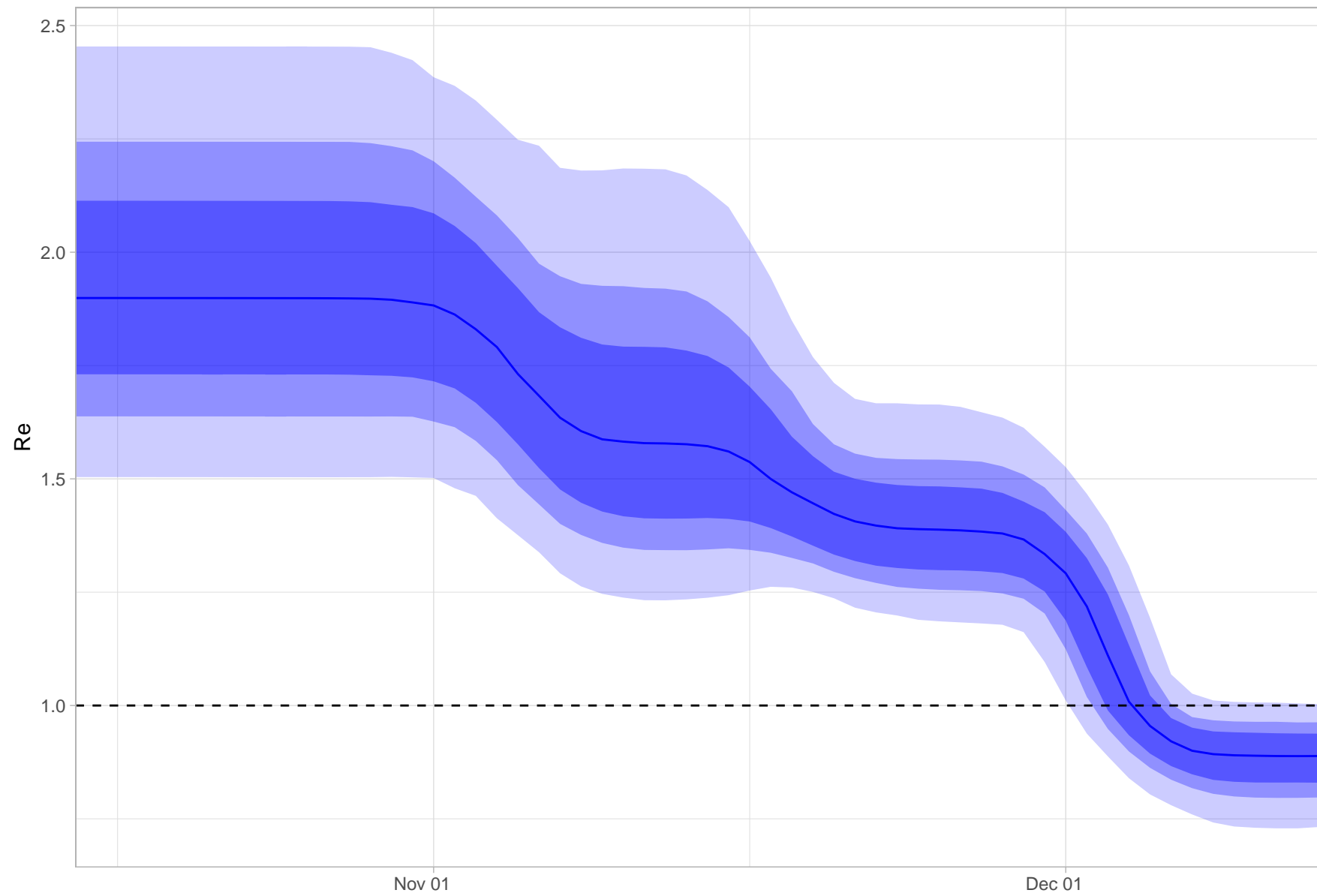
# Long Term Death Projection

Number of COVID19 Deaths



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

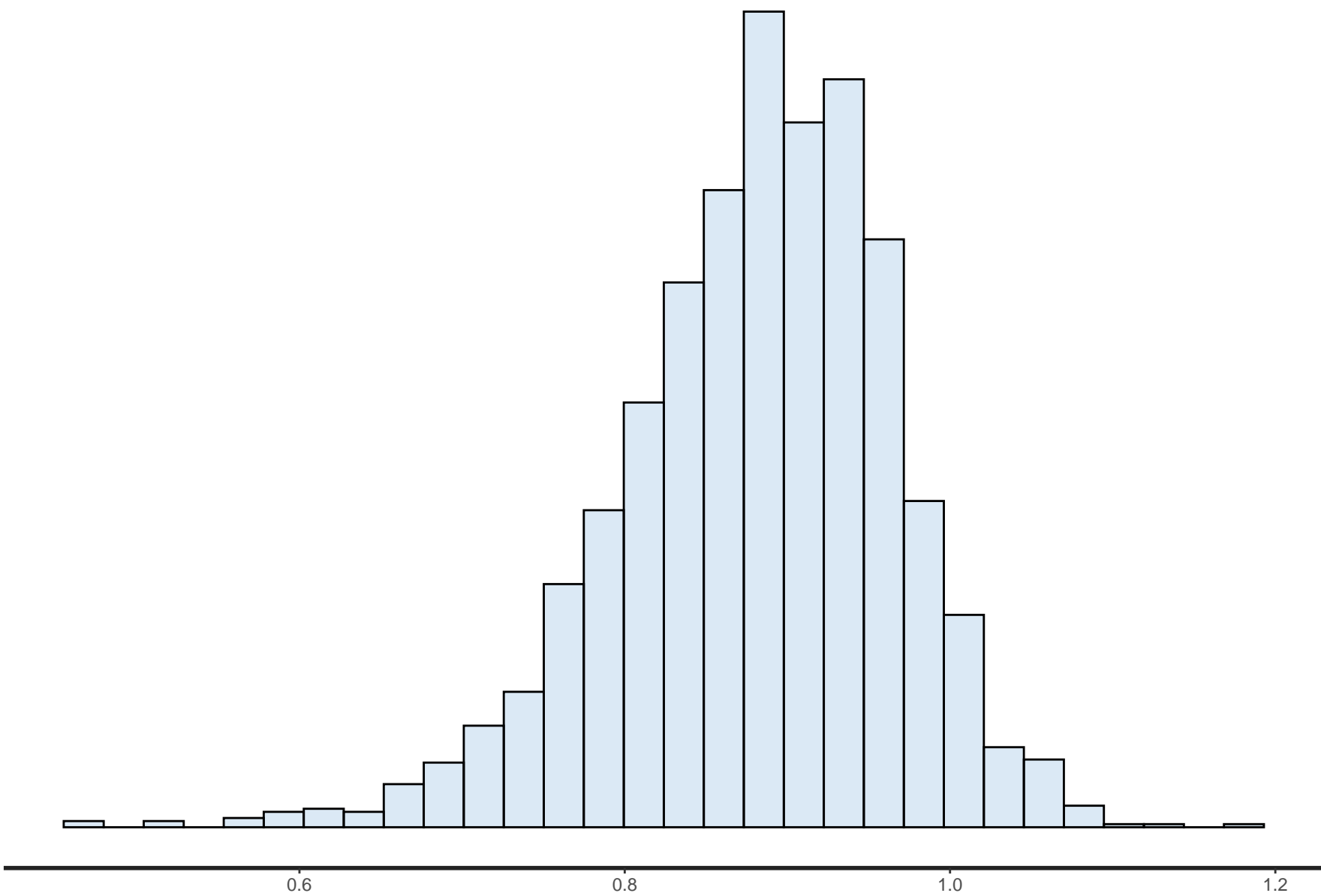
Effective Reproduction Number



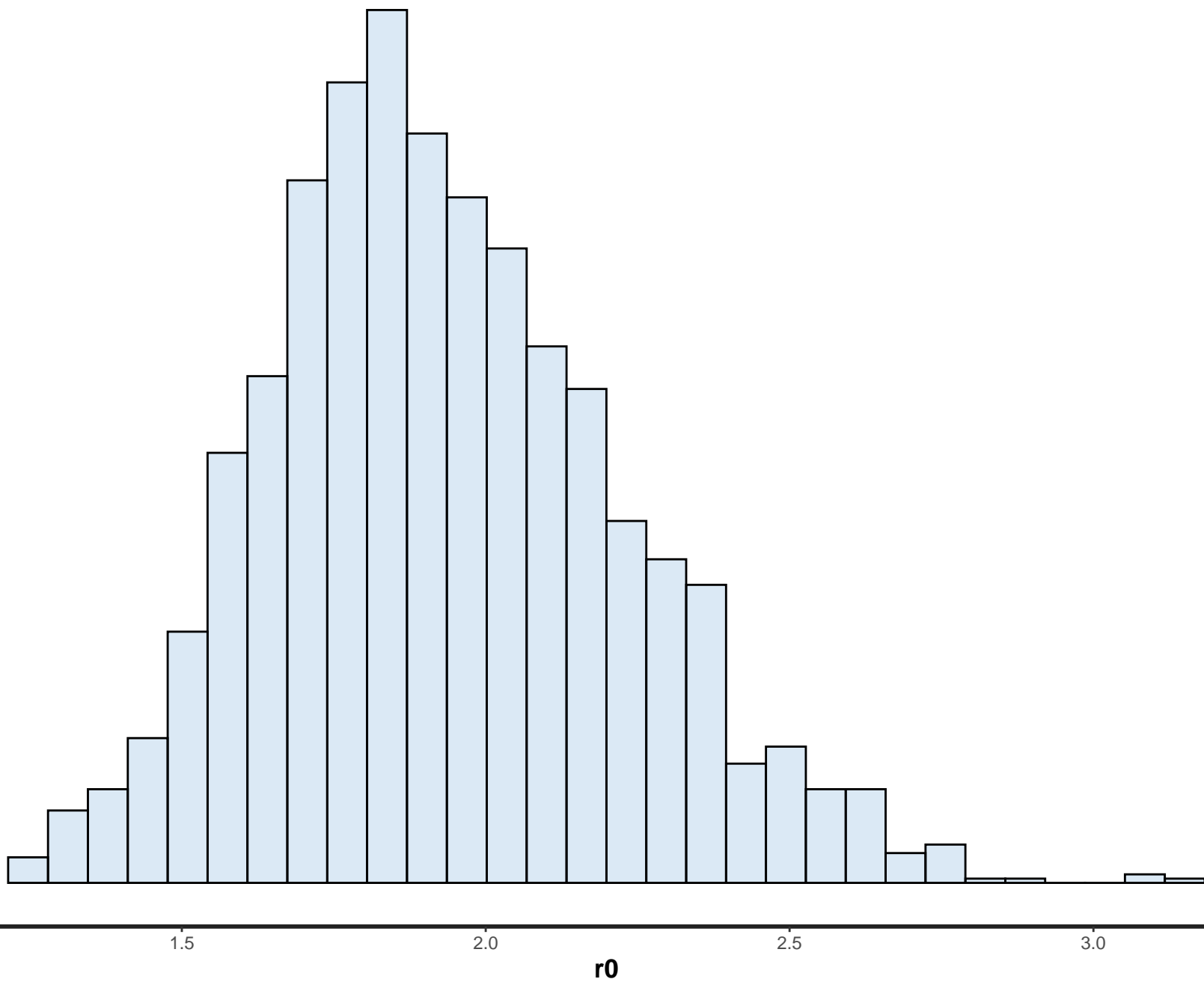
— Median    5%-95%    15%-85%    25%-75%

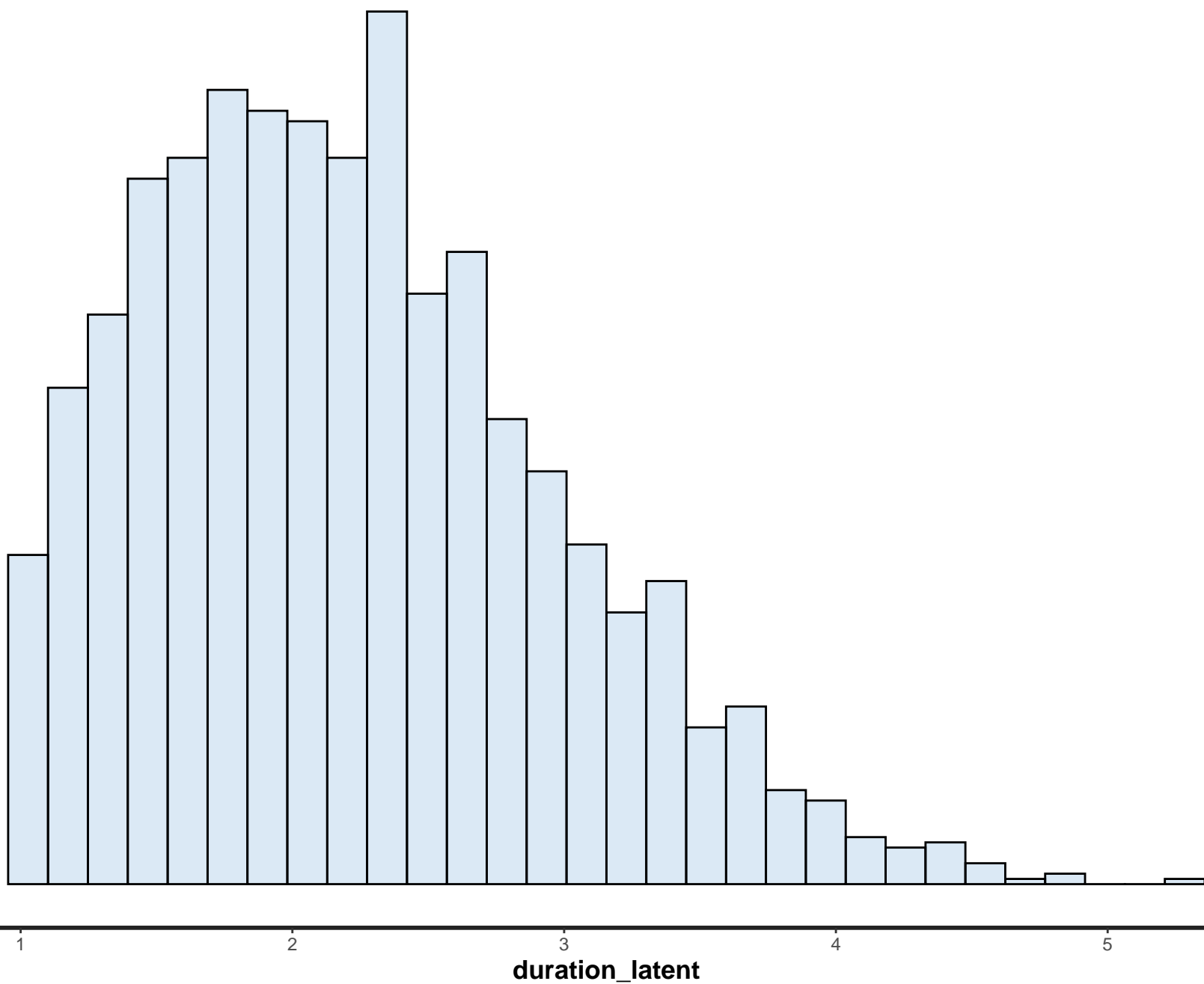
# Rt as of 2020-12-13

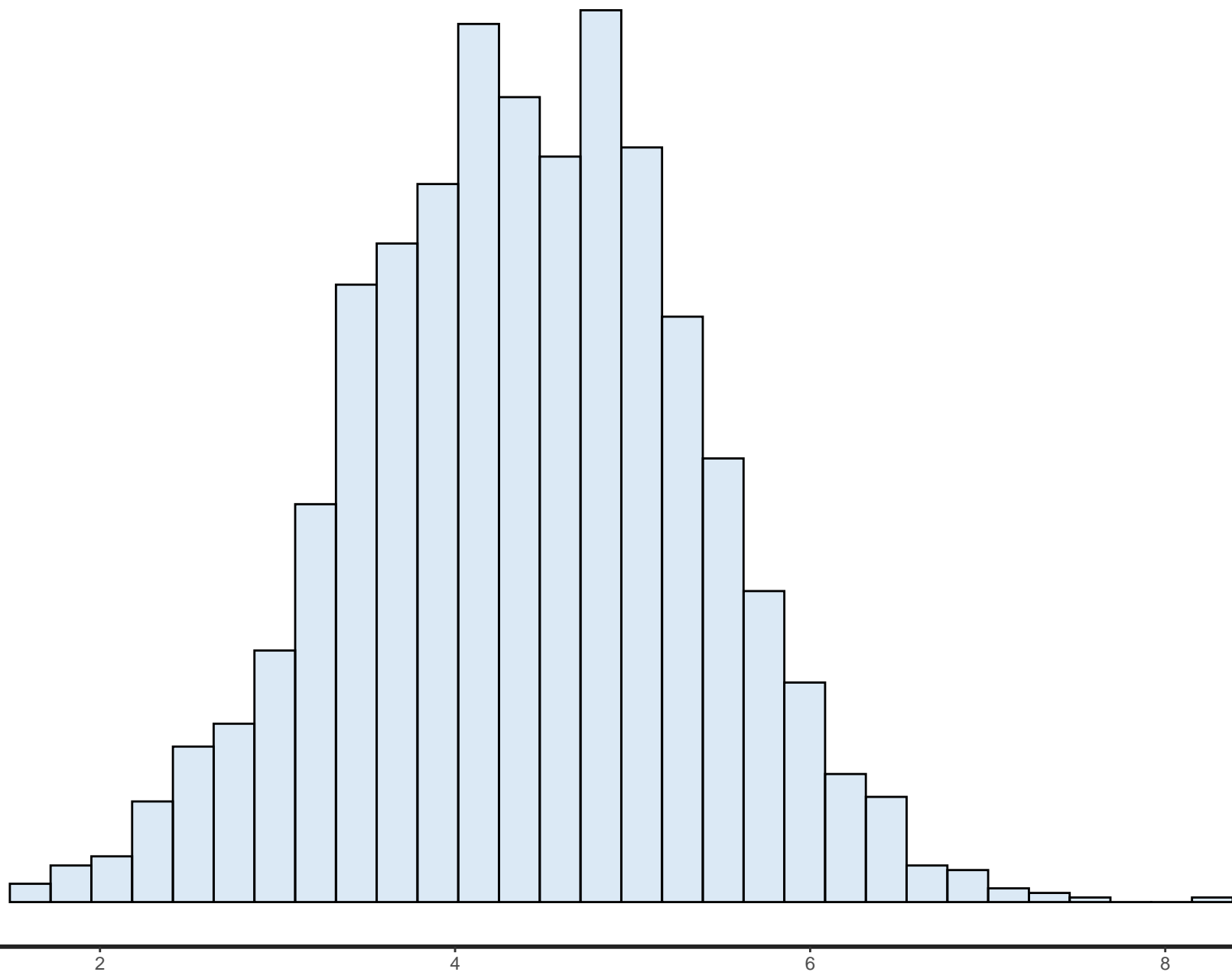
5% 10% 25% 50% 75% 90% 95%  
0.73 0.77 0.83 0.89 0.94 0.98 1.00

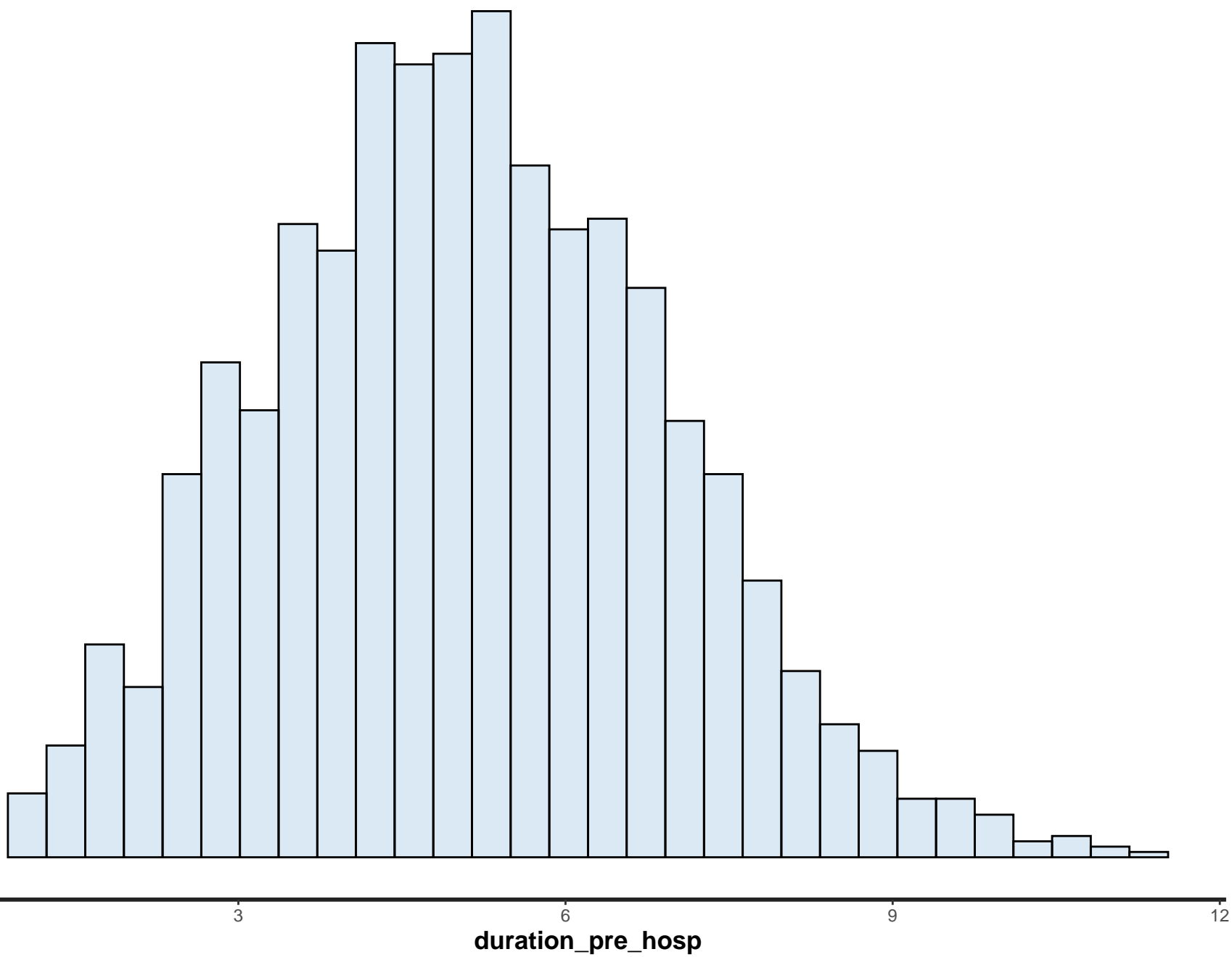


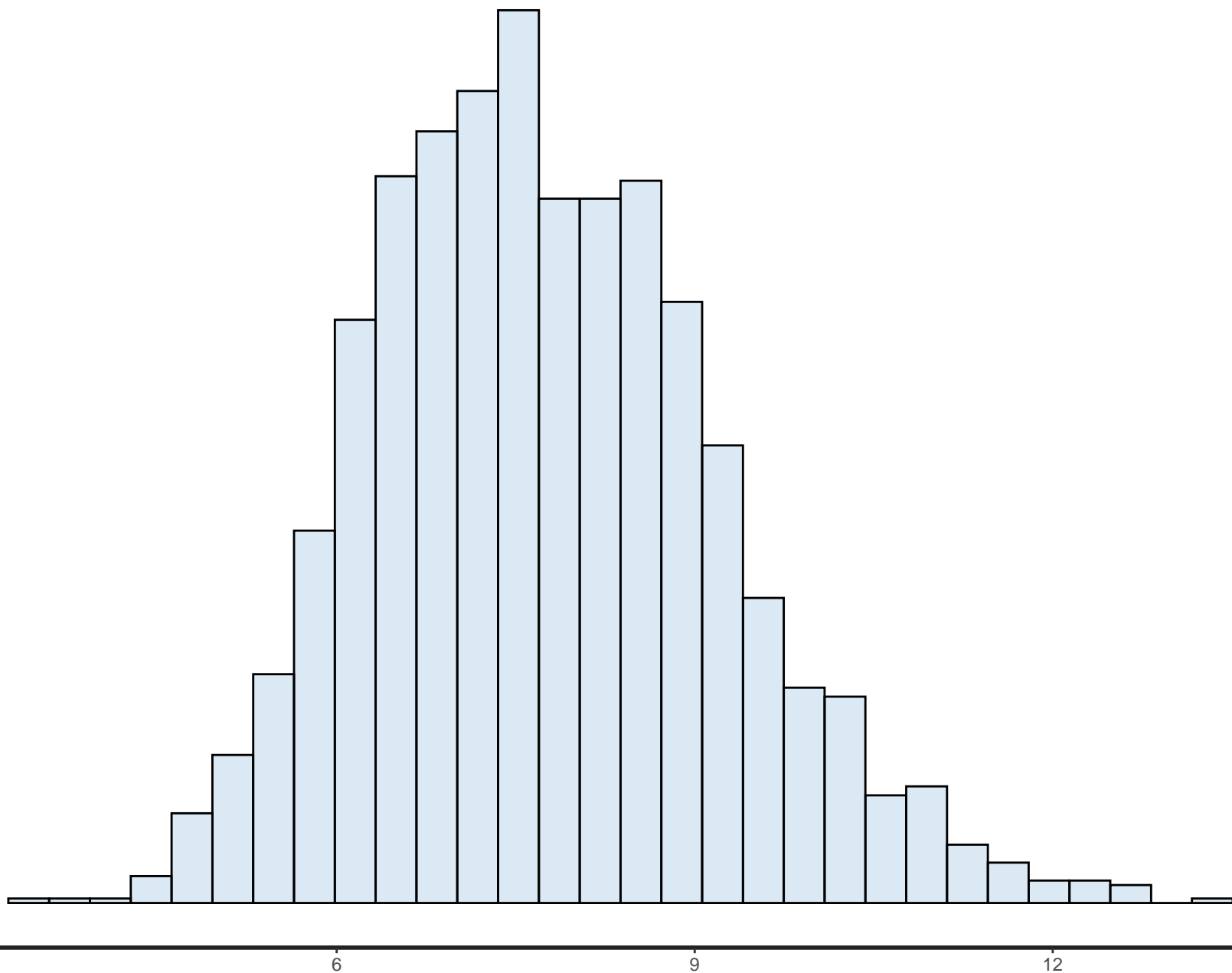


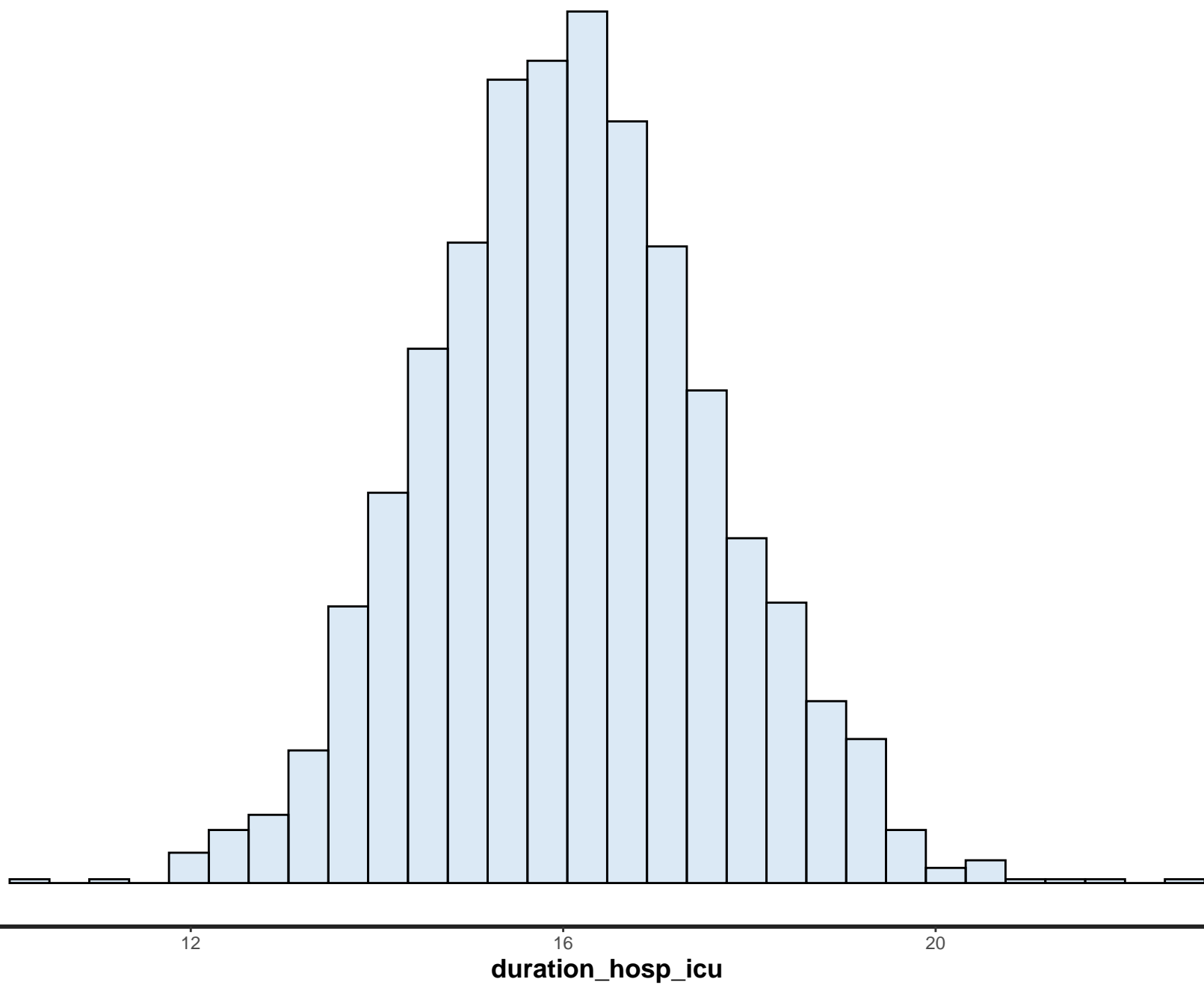


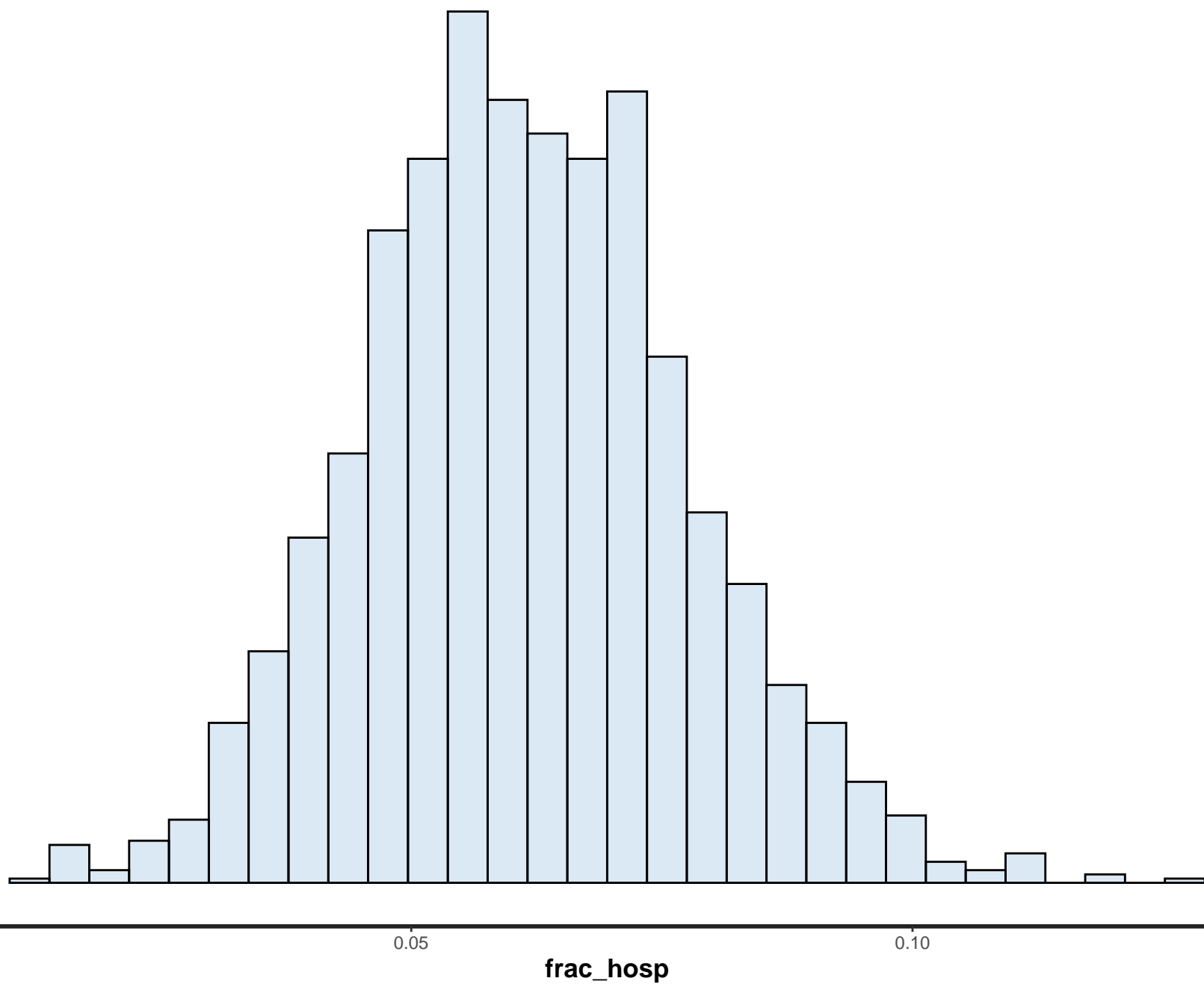


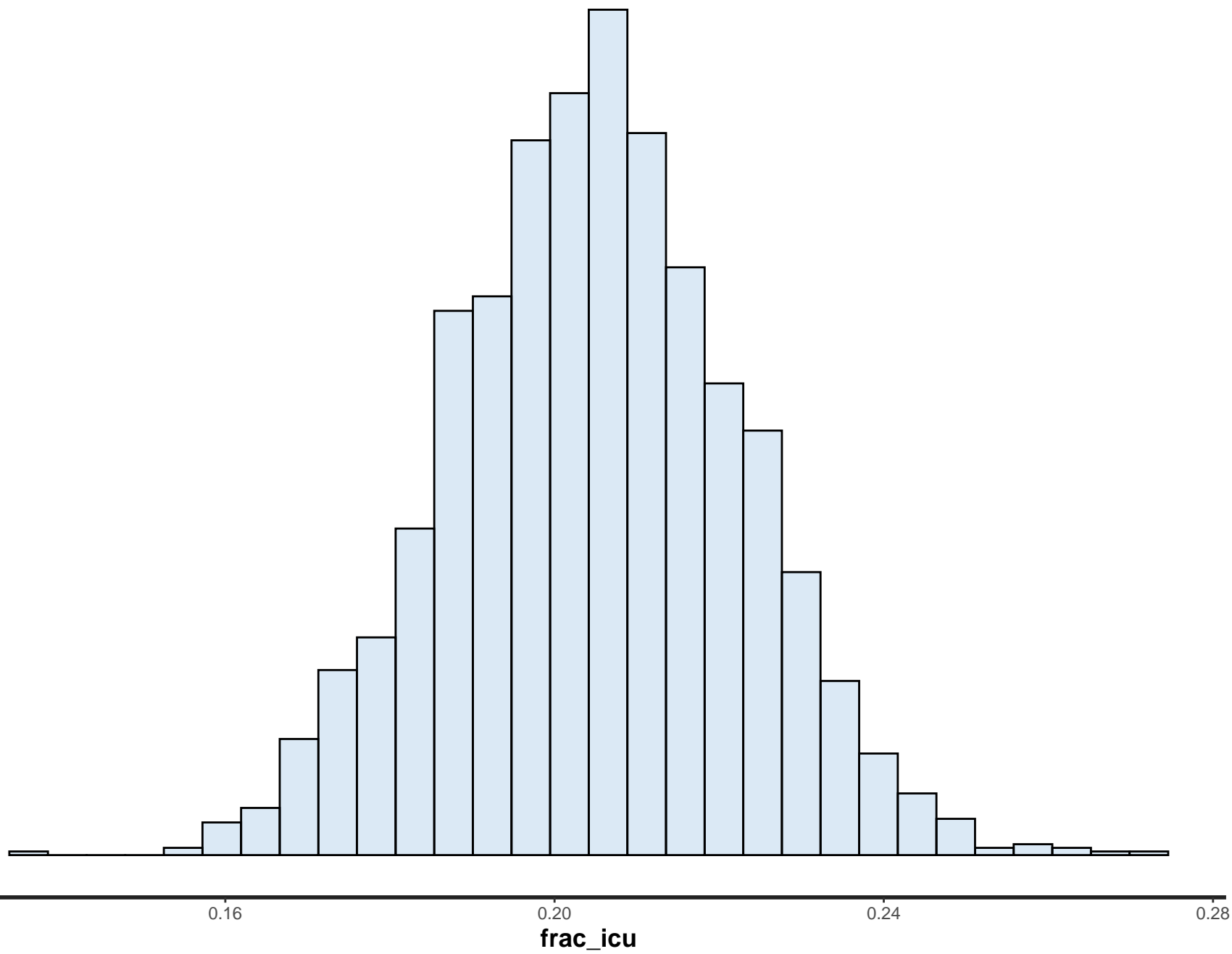




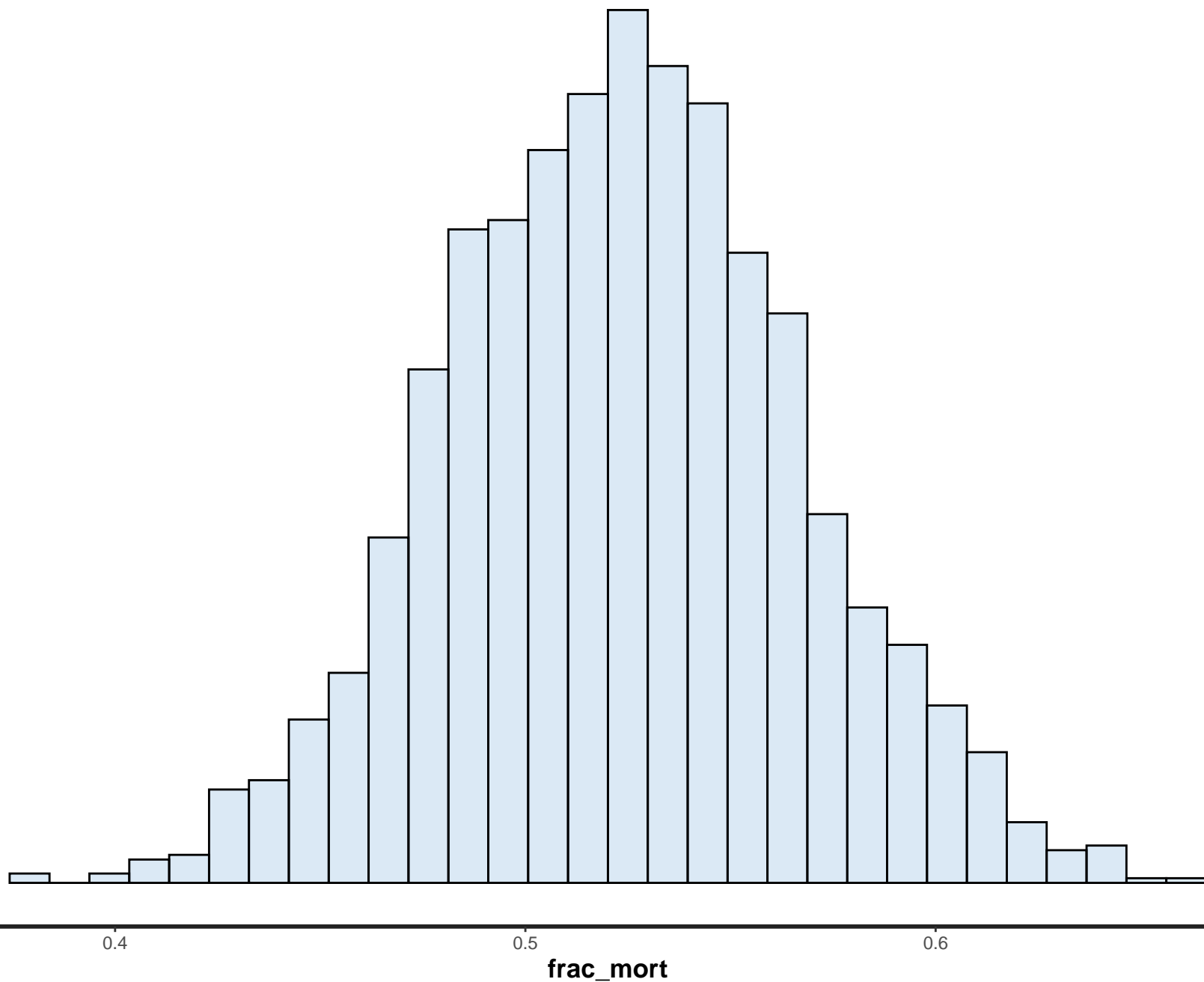




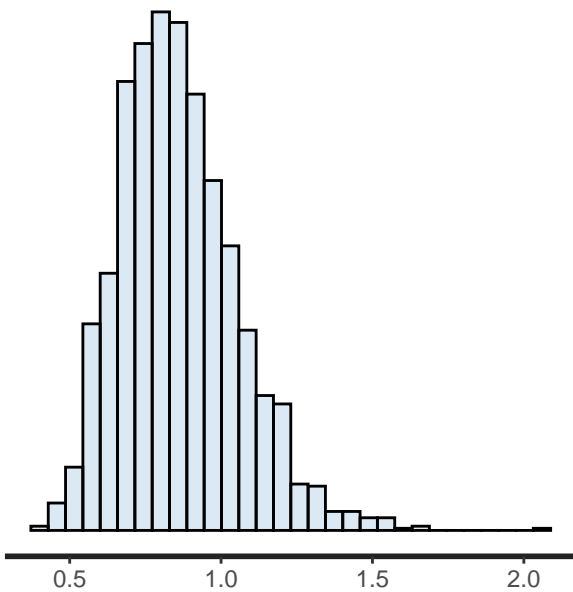




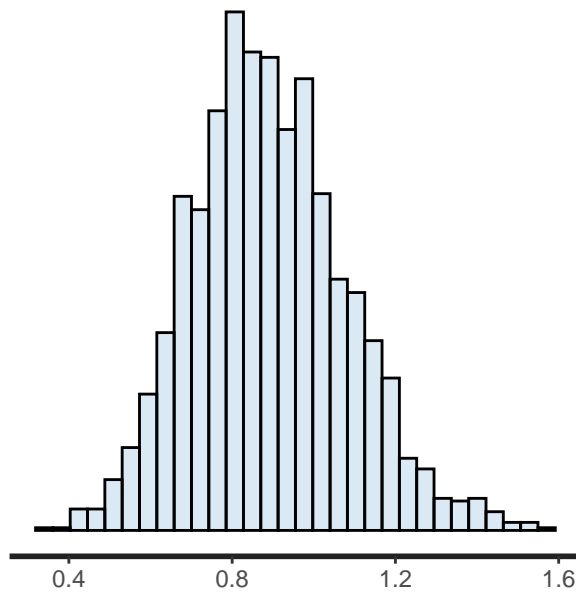




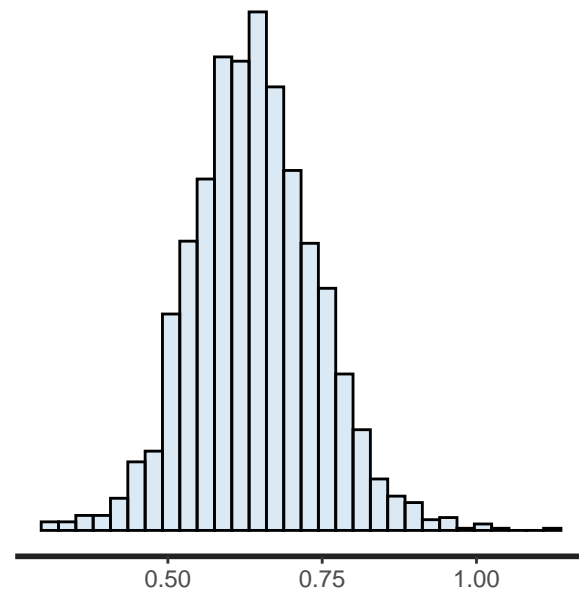
**beta\_multiplier[1]**



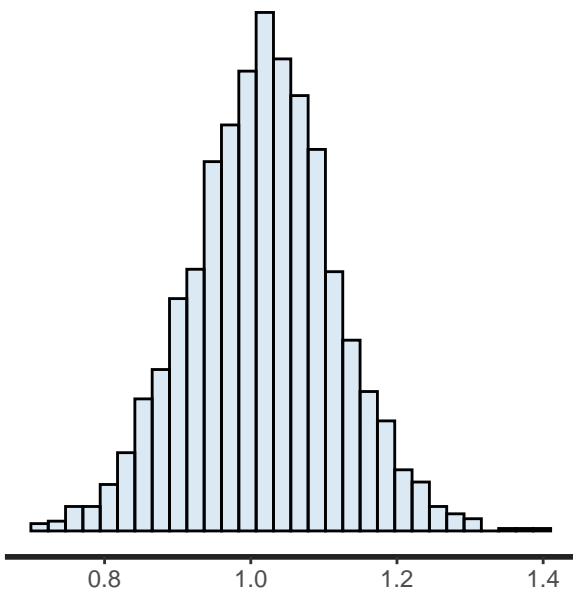
**beta\_multiplier[2]**



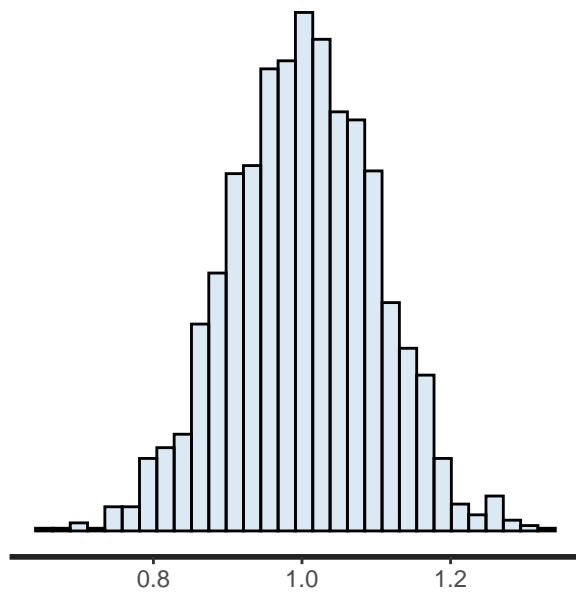
**beta\_multiplier[3]**



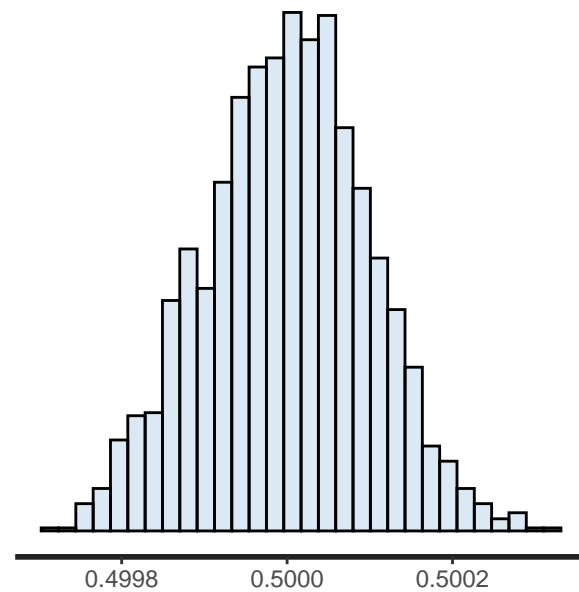
**beta\_multiplier[4]**



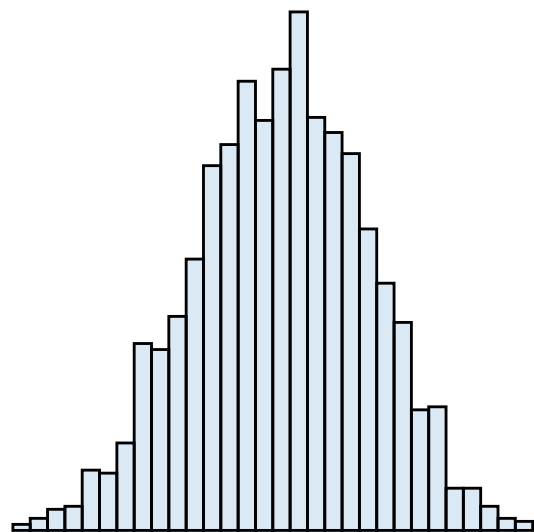
**beta\_multiplier[5]**



**beta\_multiplier[6]**

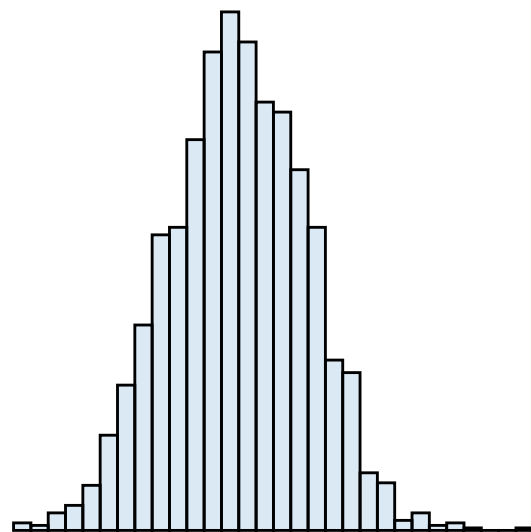


**t\_inter[1]**



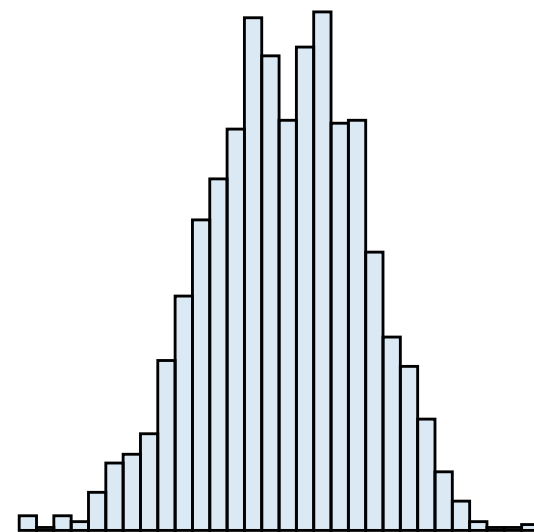
Oct 27 Oct 29 Oct 31 Nov 02 Nov 04 Nov 06

**t\_inter[2]**



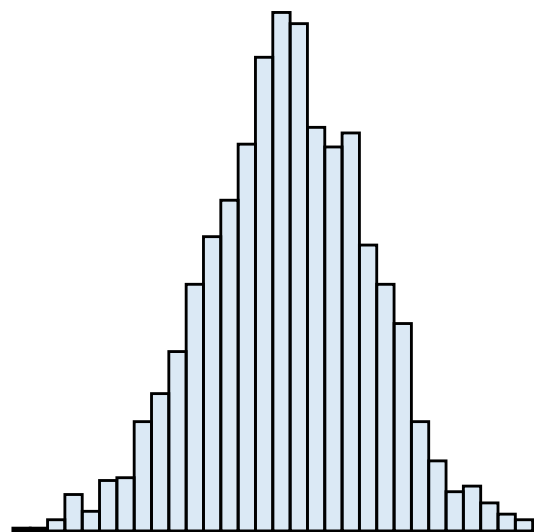
Nov 09 Nov 16 Nov 23 Nov 23

**t\_inter[3]**



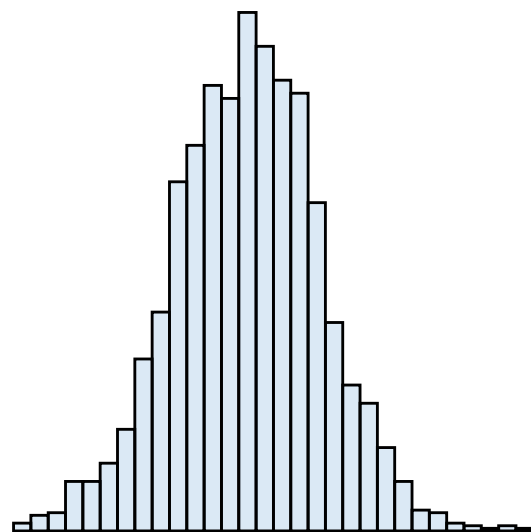
Nov 30

**t\_inter[4]**



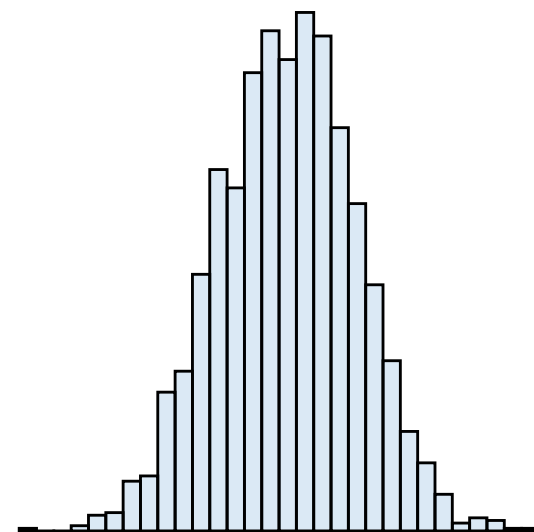
Dec 07 Dec 14

**t\_inter[5]**

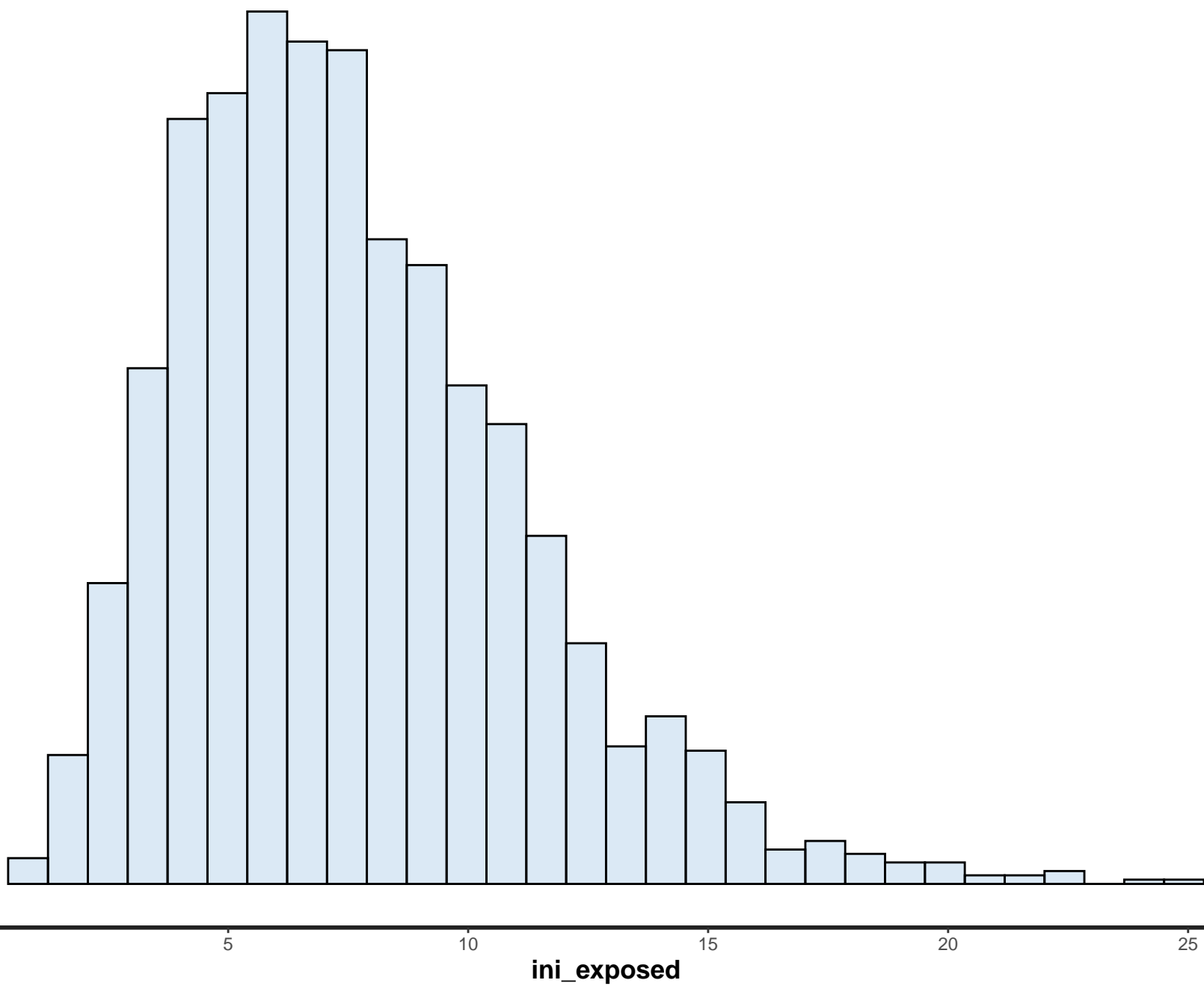


Dec 21 Dec 28 Jan 04

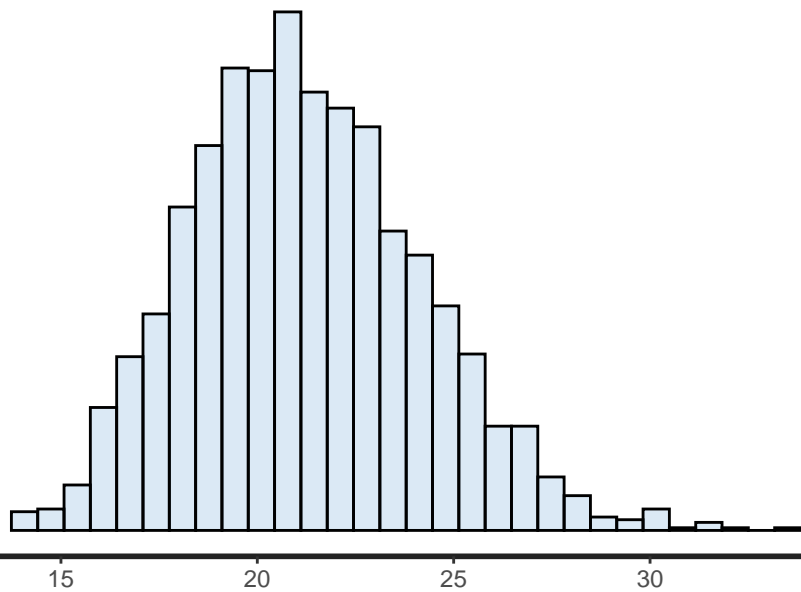
**t\_inter[6]**



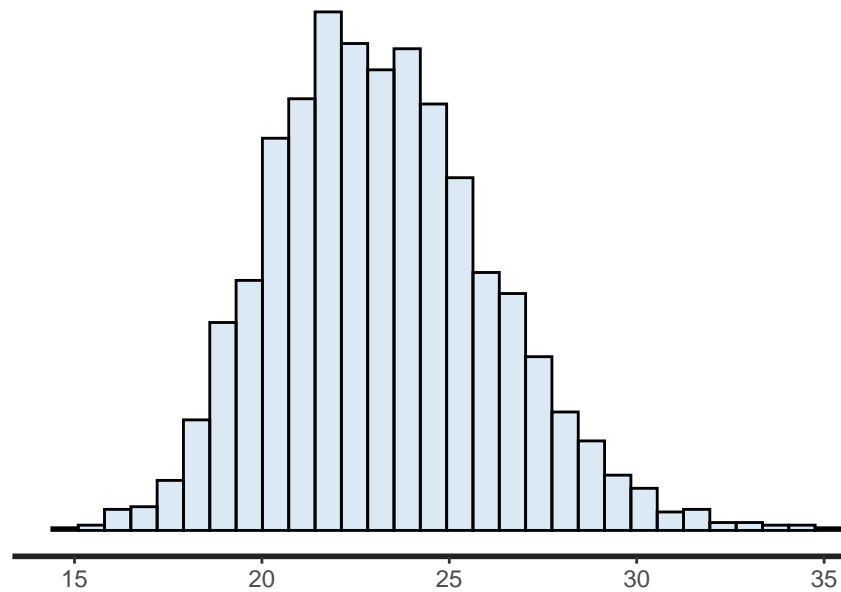
Jan 13



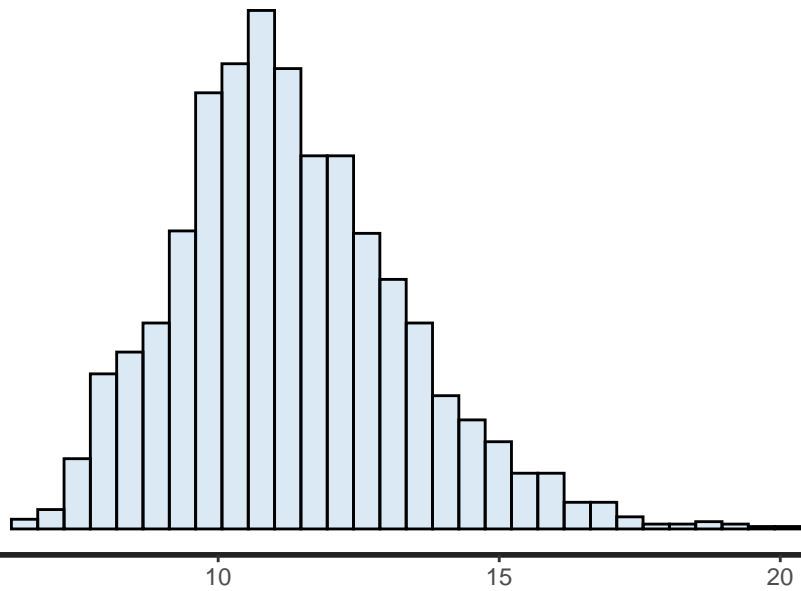
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

