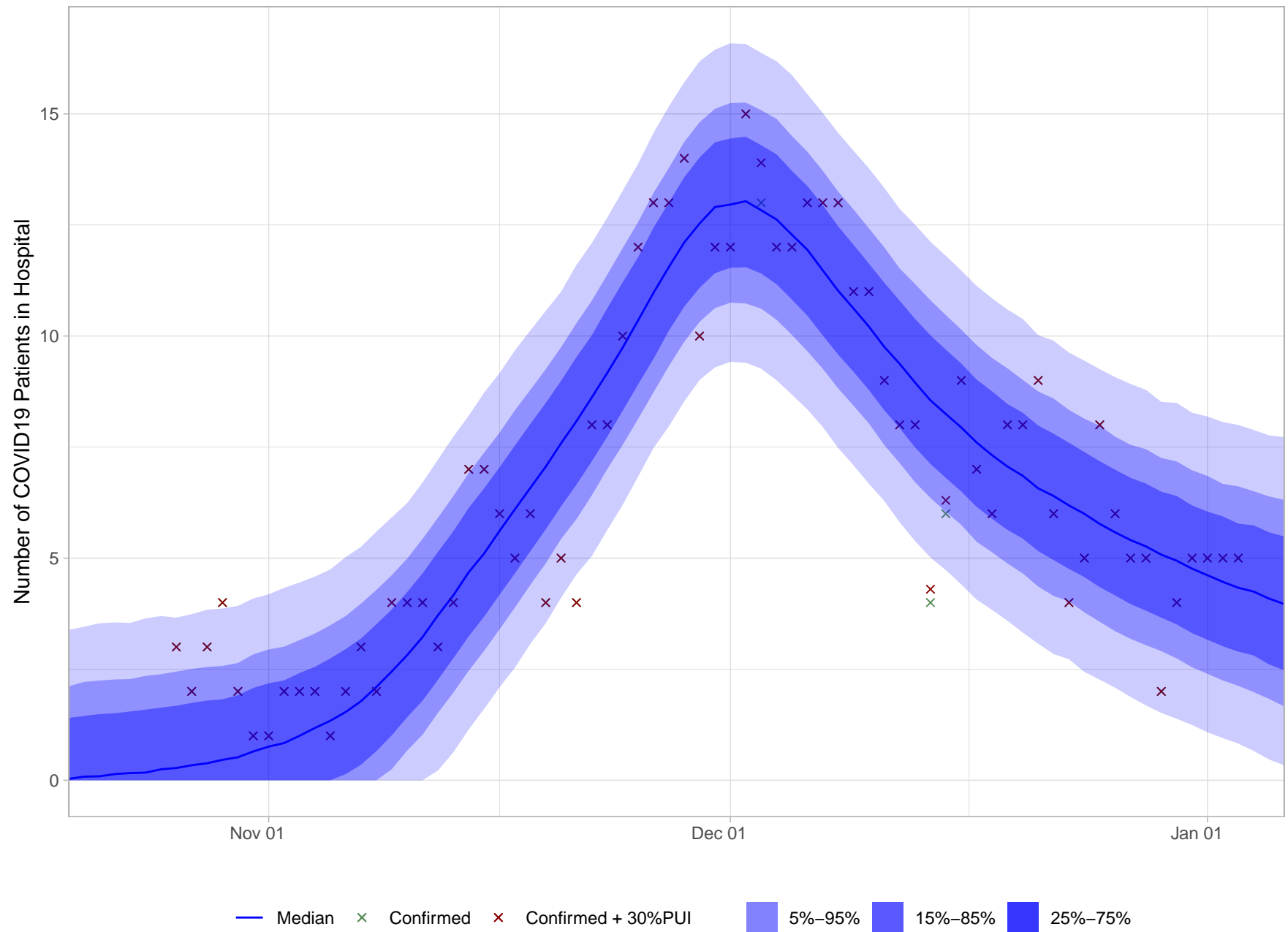
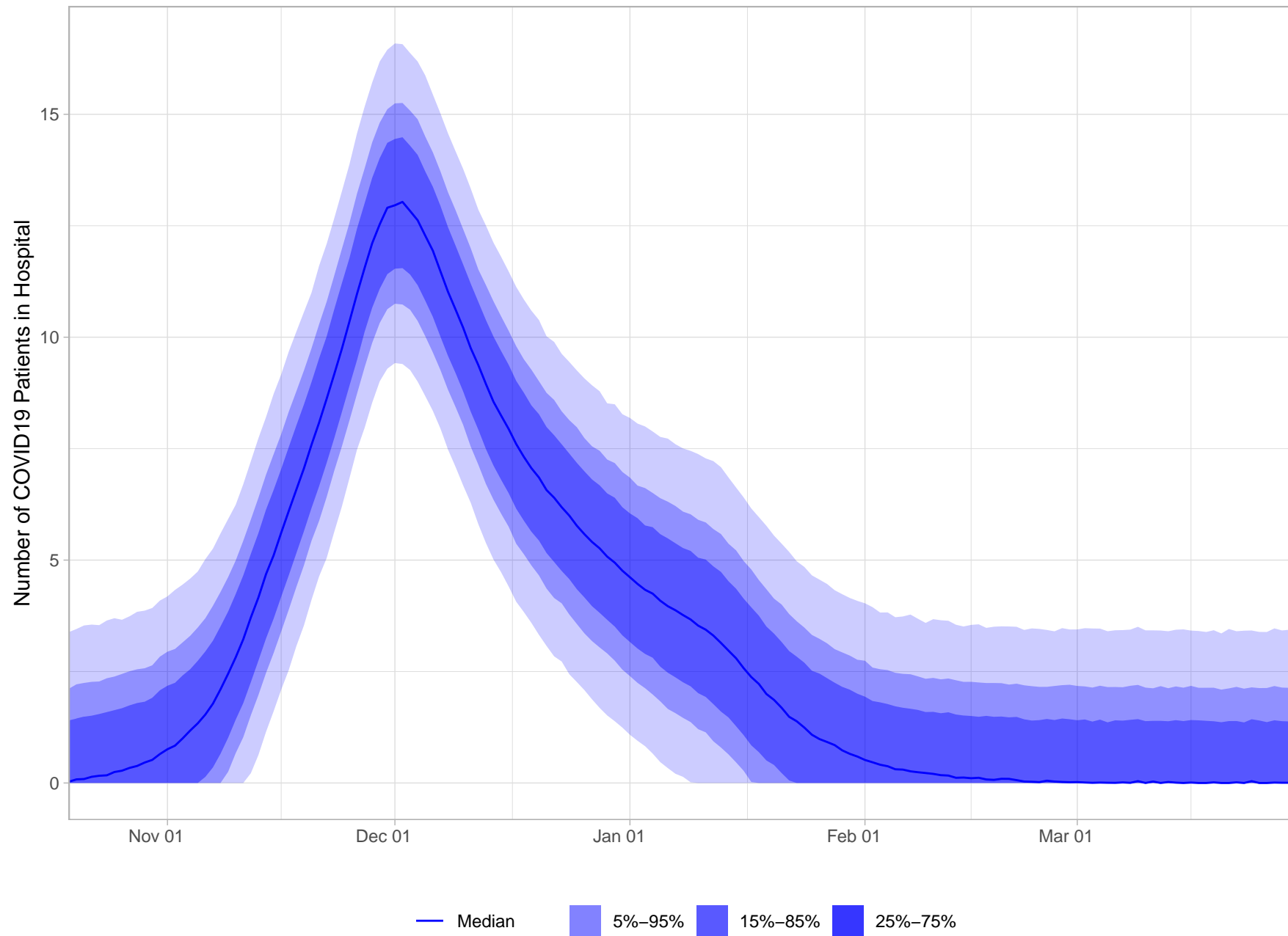


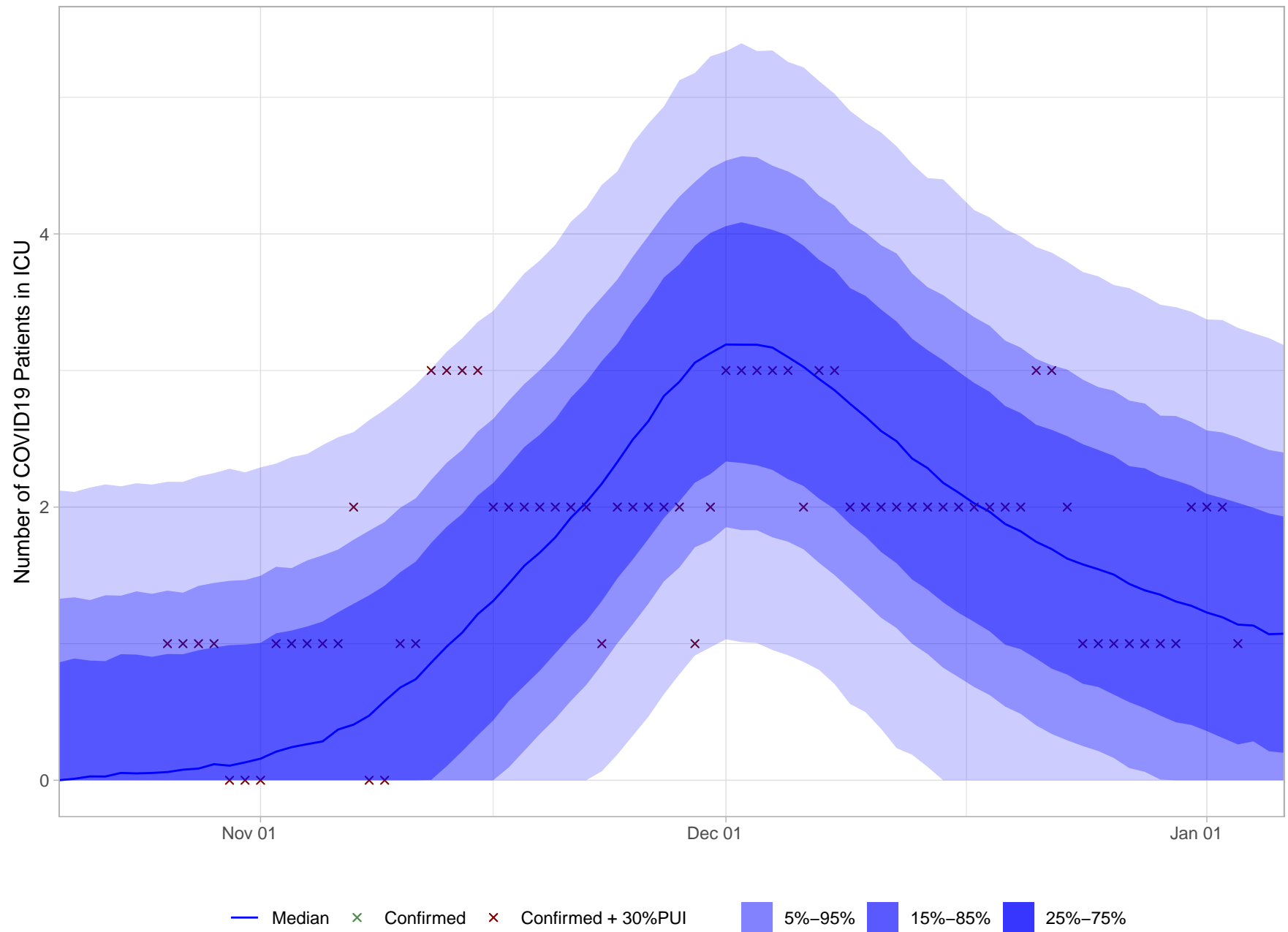
# Short Term Hospitalization Projection



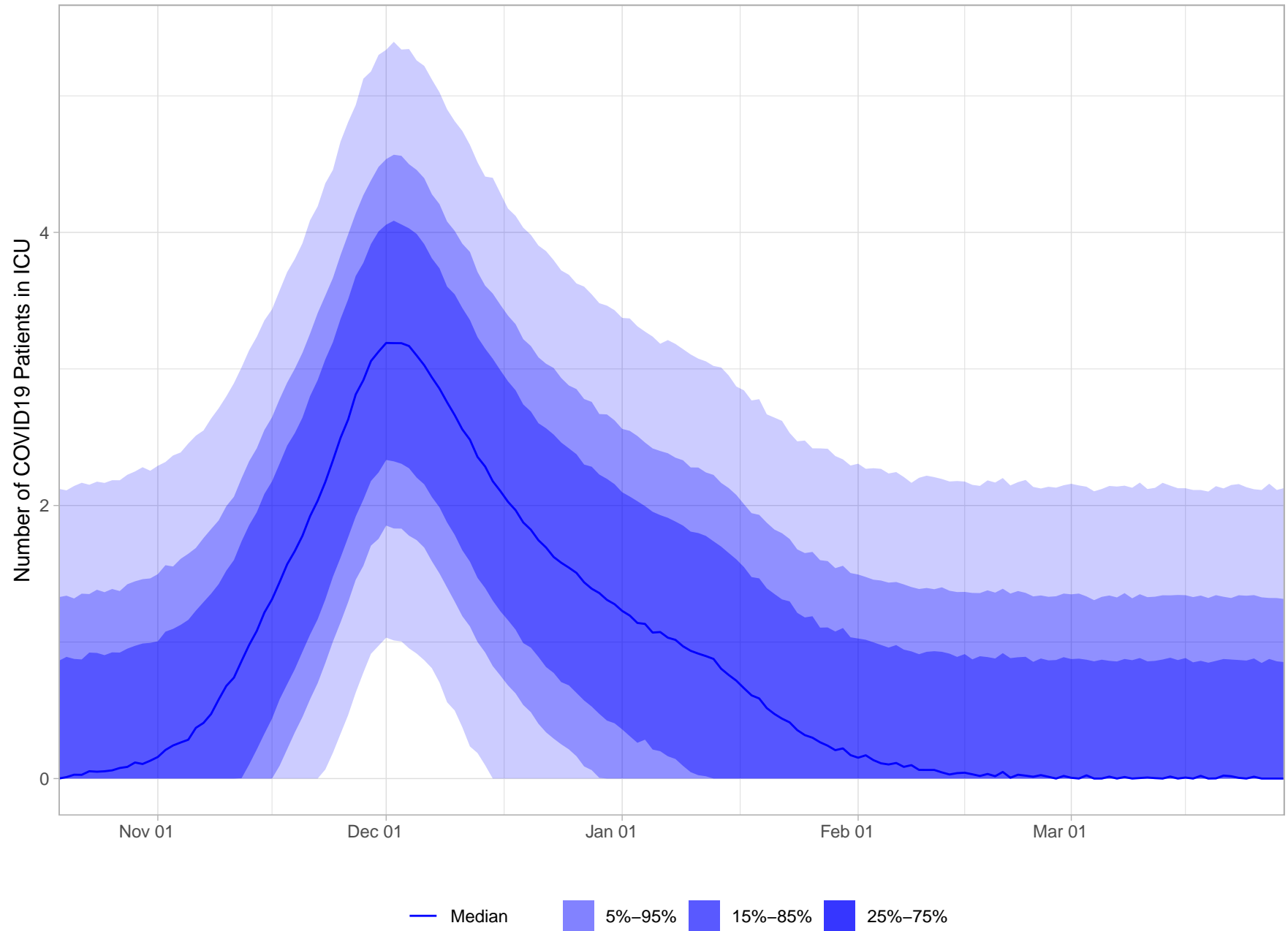
# Long Term Hospitalization Projection



# Short Term ICU Projection

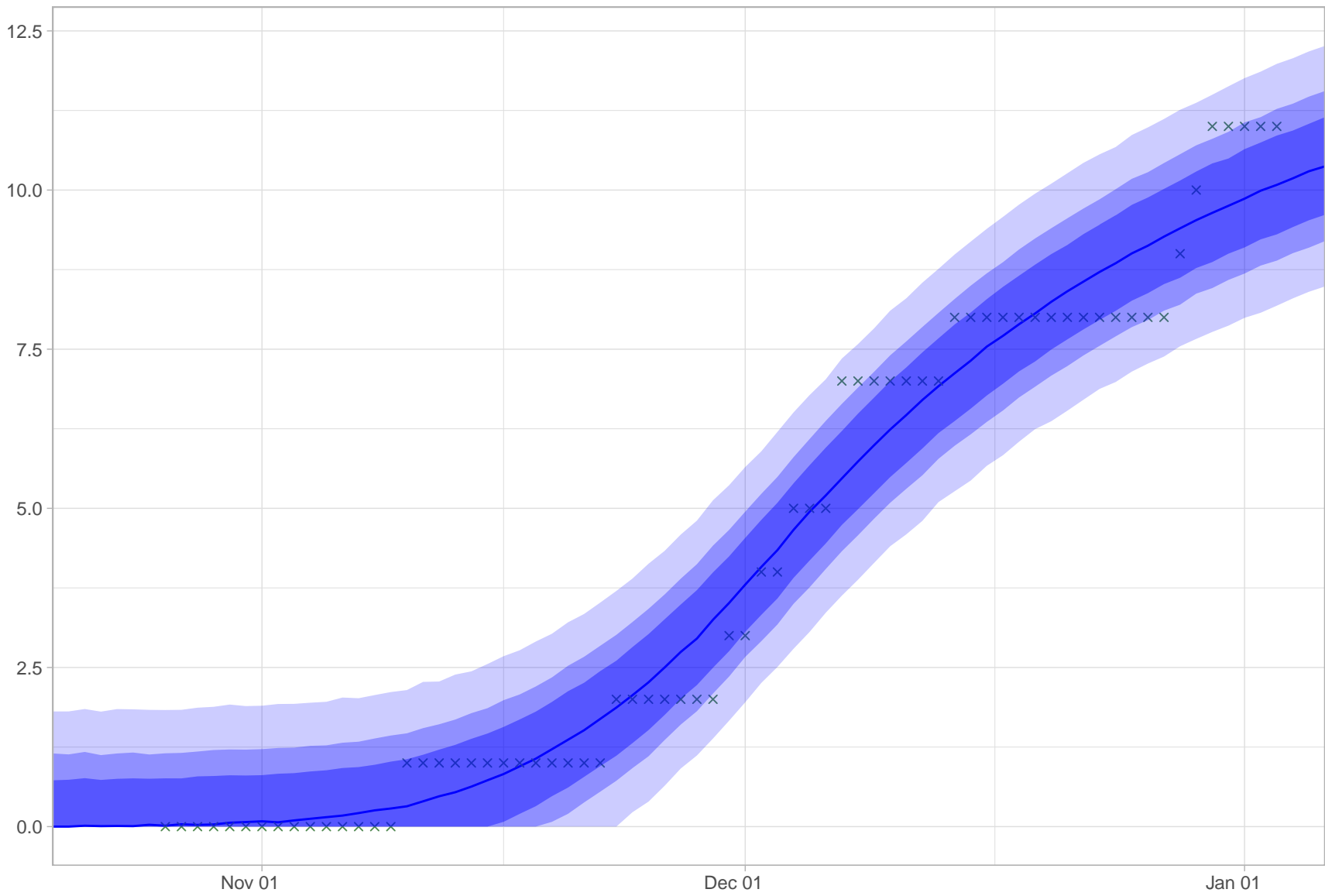


# Long Term ICU Projection



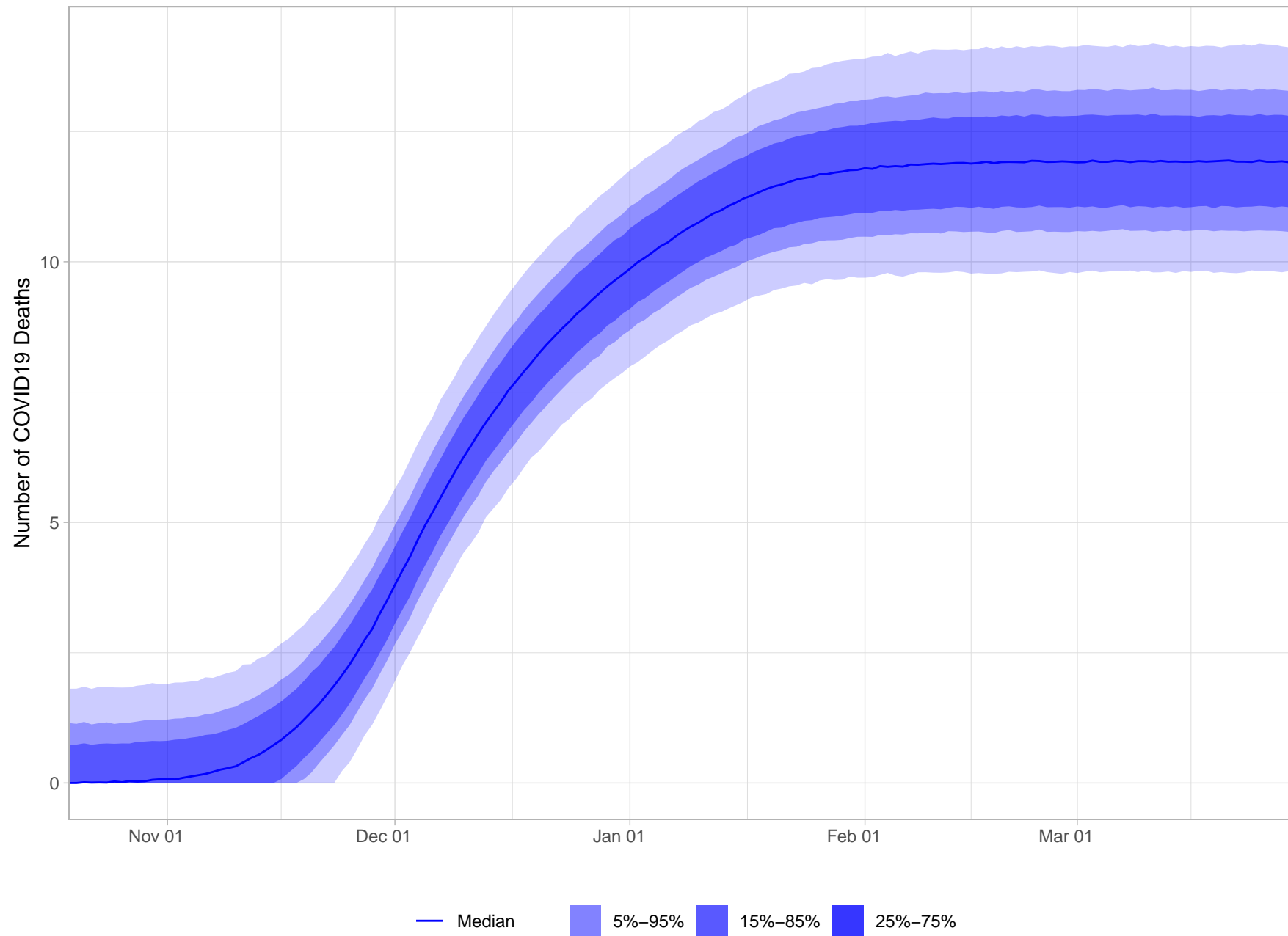
# Short Term Death Projection

Number of COVID19 Deaths

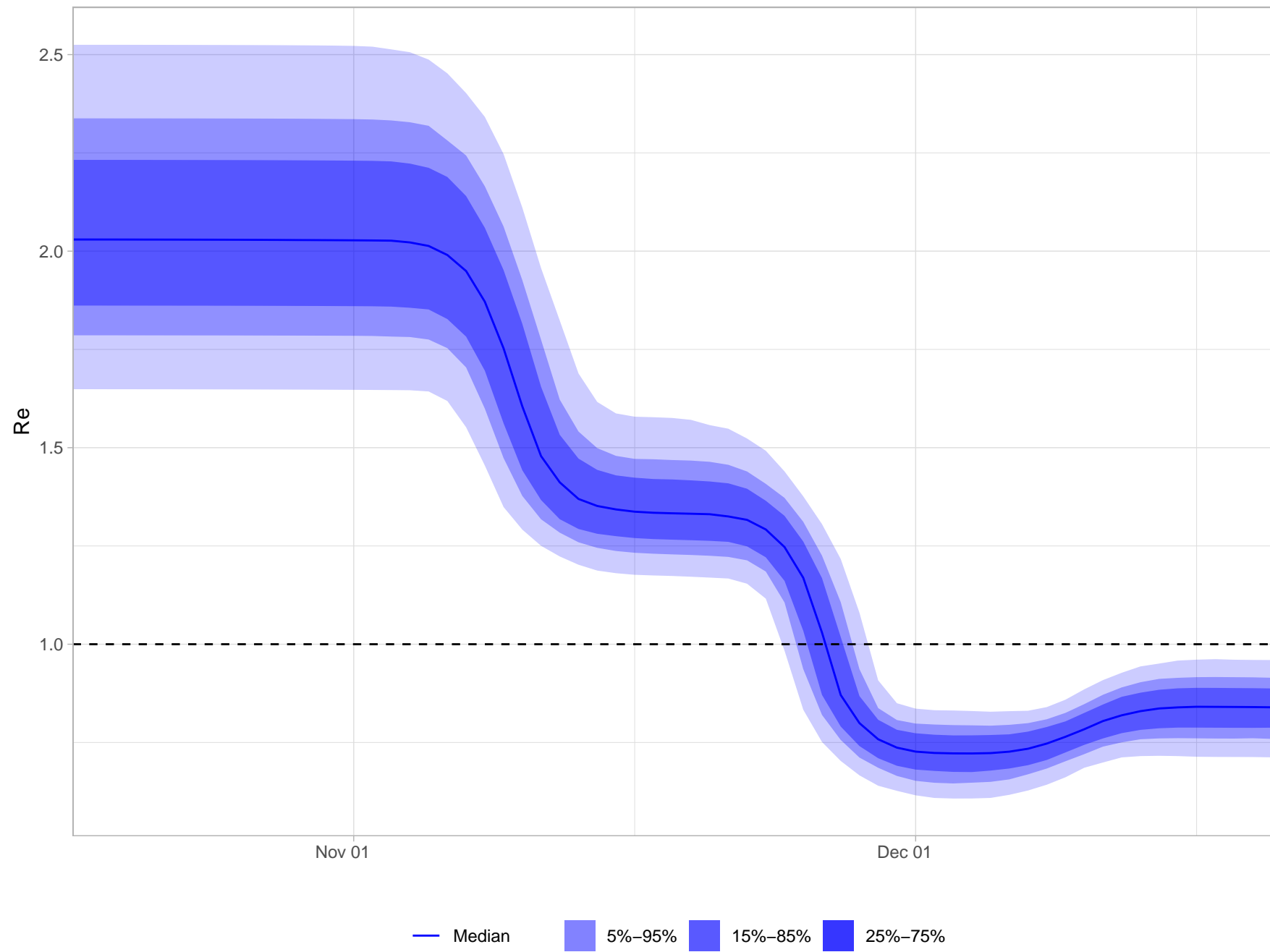


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

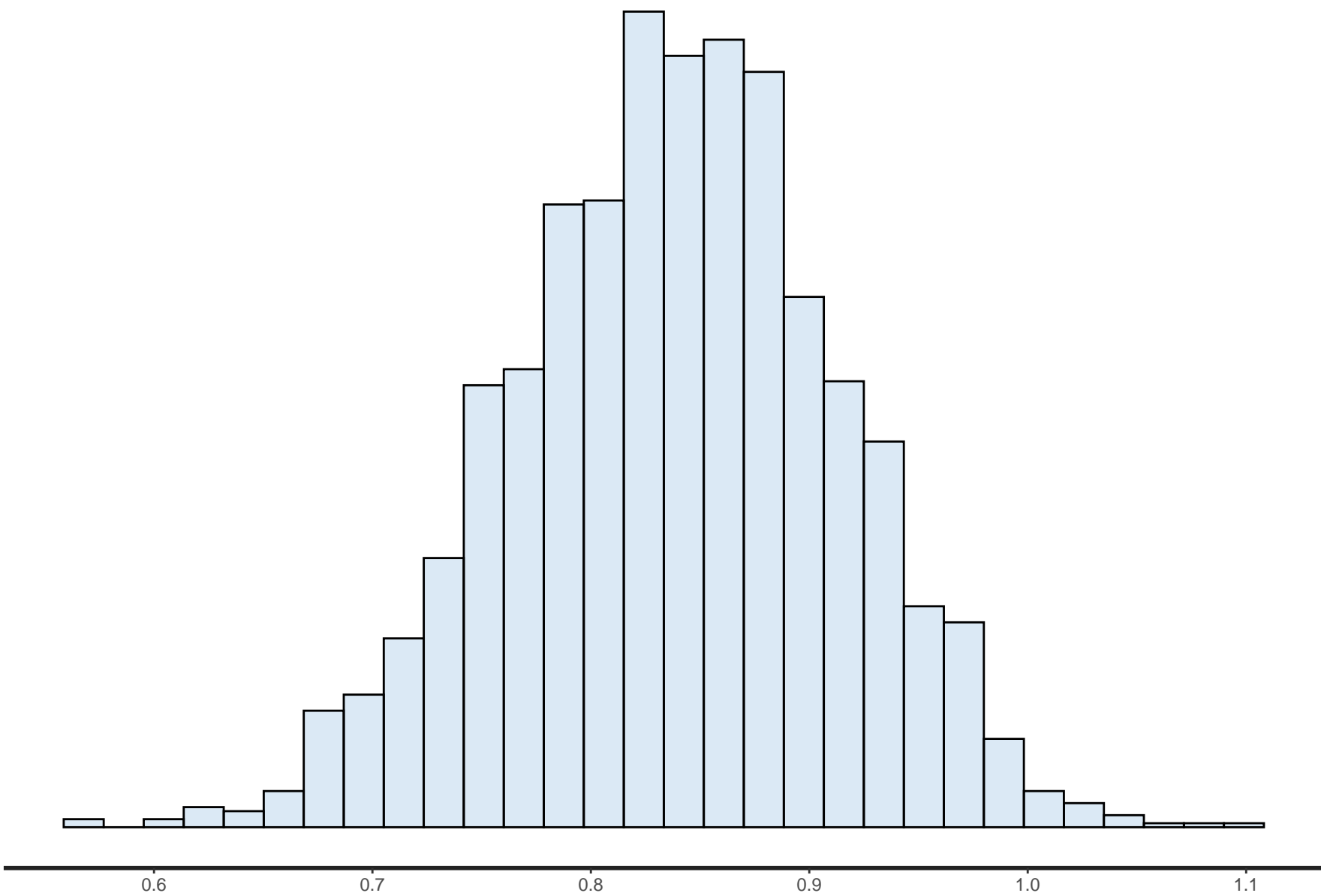


Effective Reproduction Number

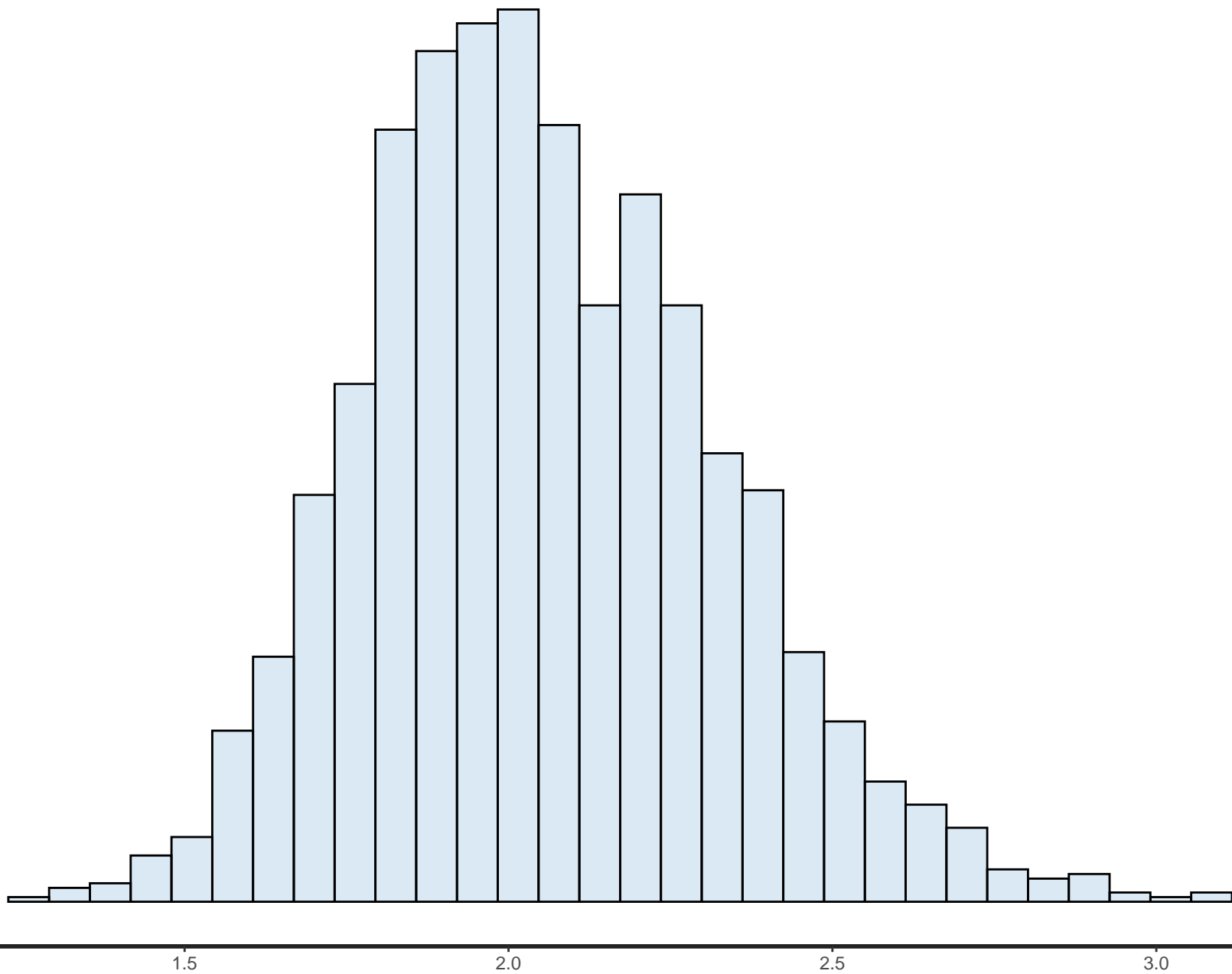


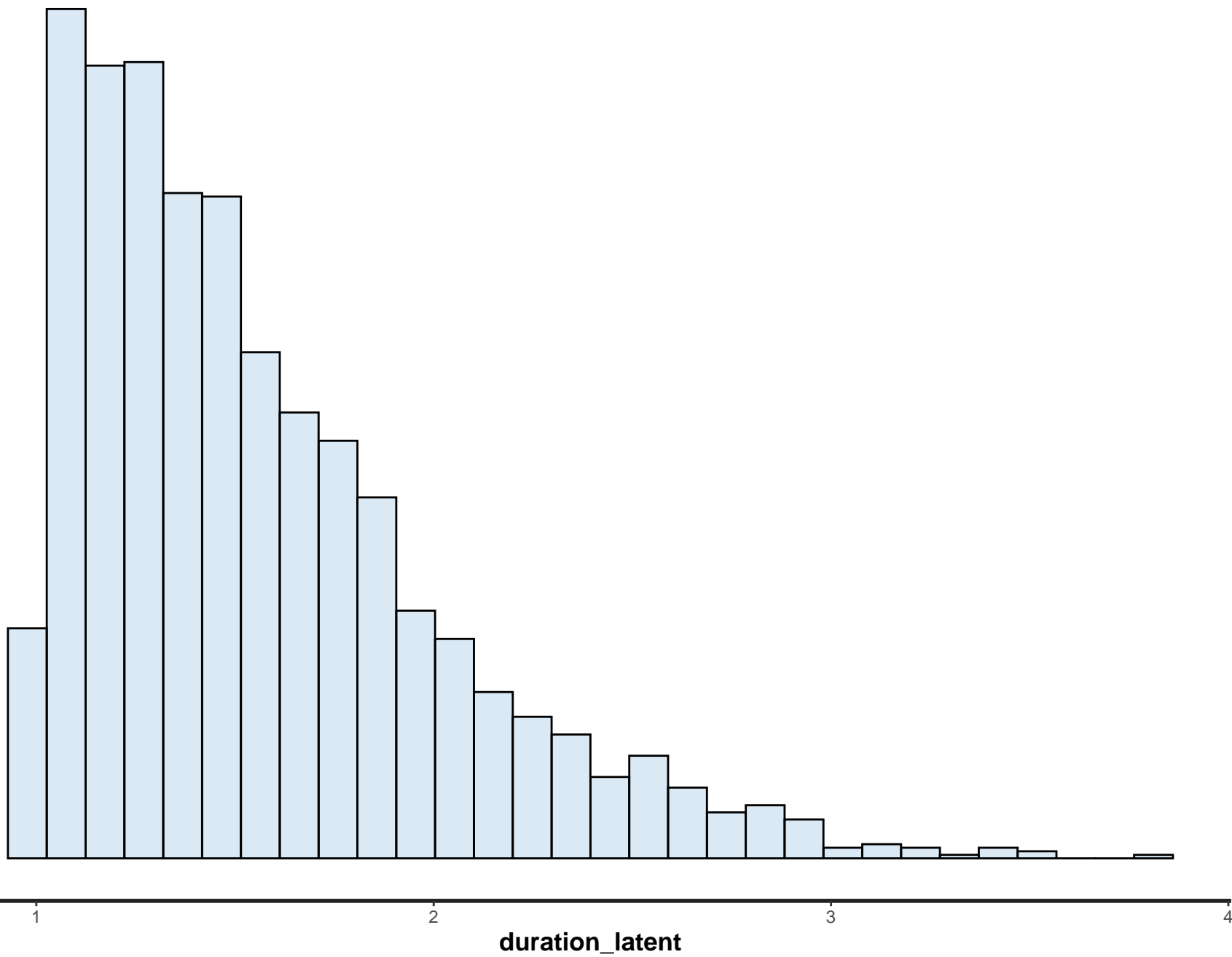
# Rt as of 2020-12-20

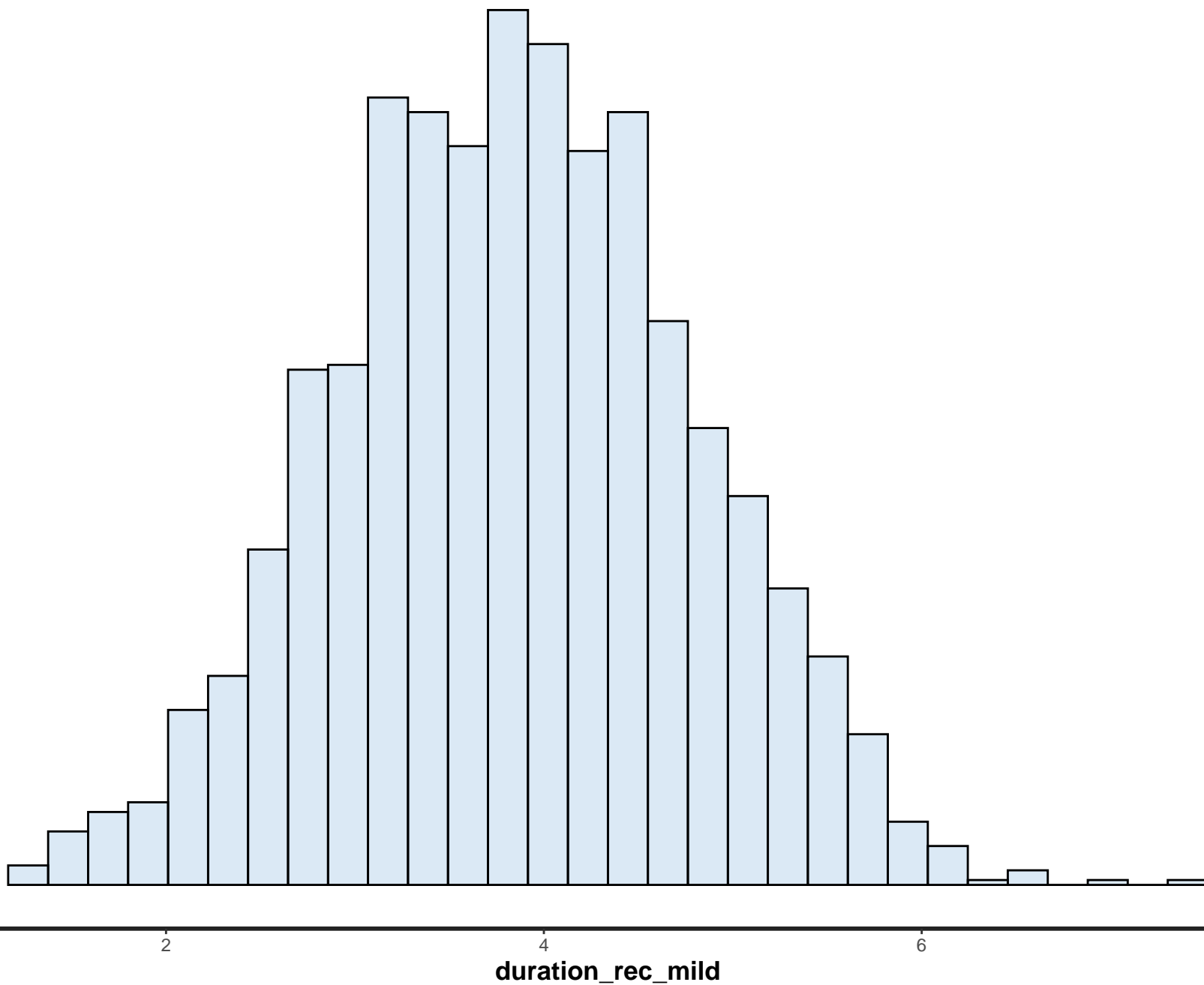
5%	10%	25%	50%	75%	90%	95%
0.71	0.74	0.79	0.84	0.89	0.93	0.96

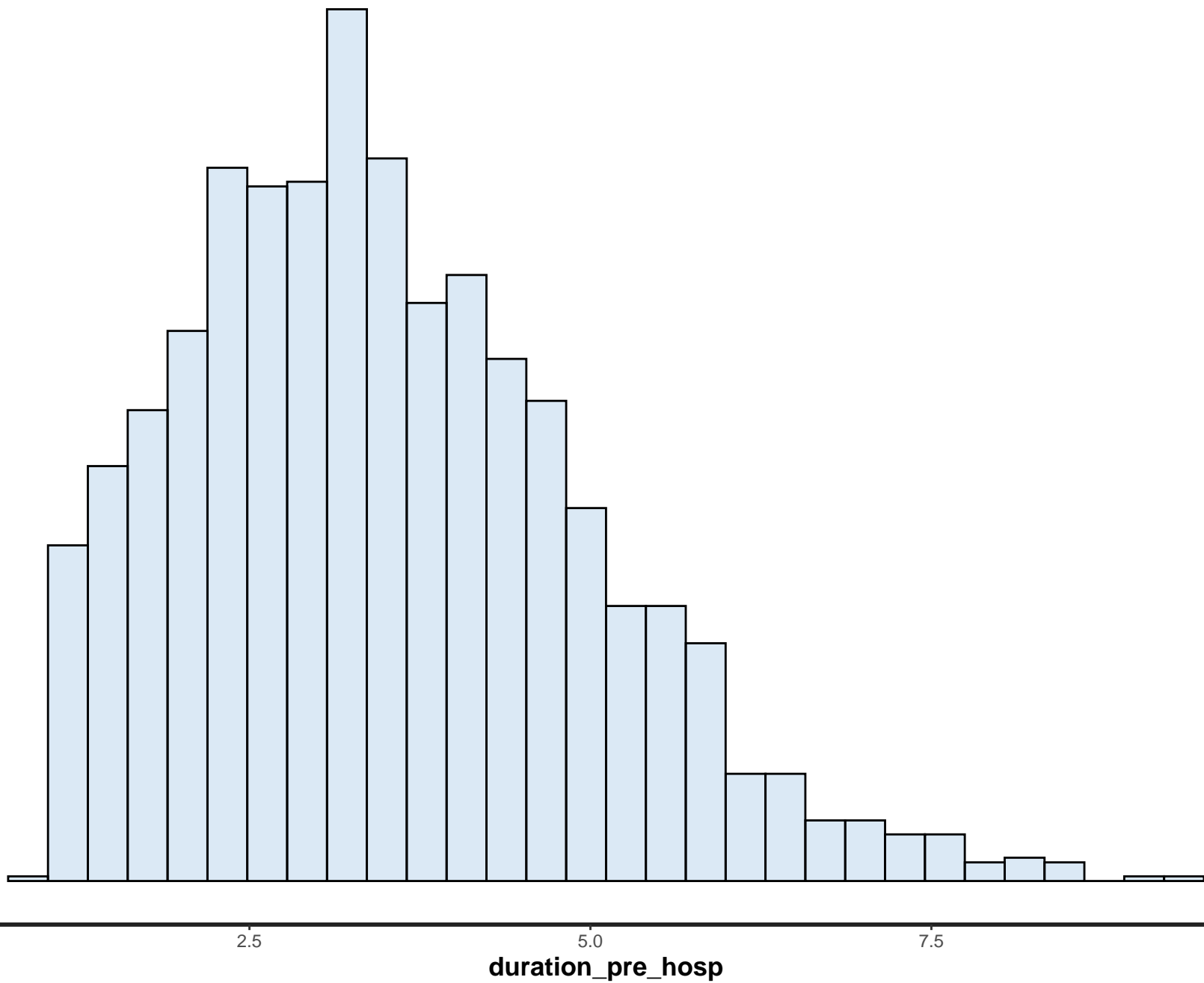


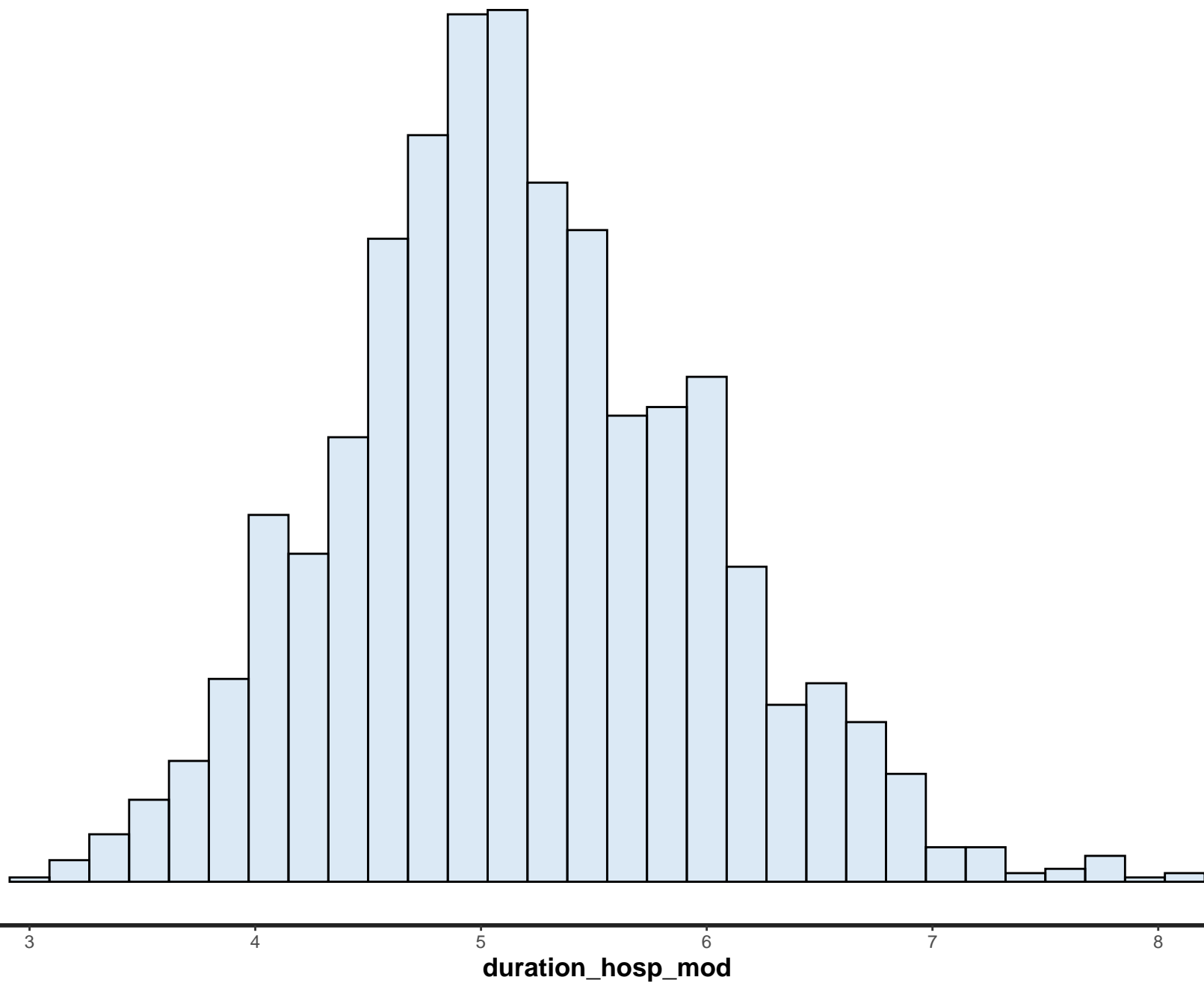


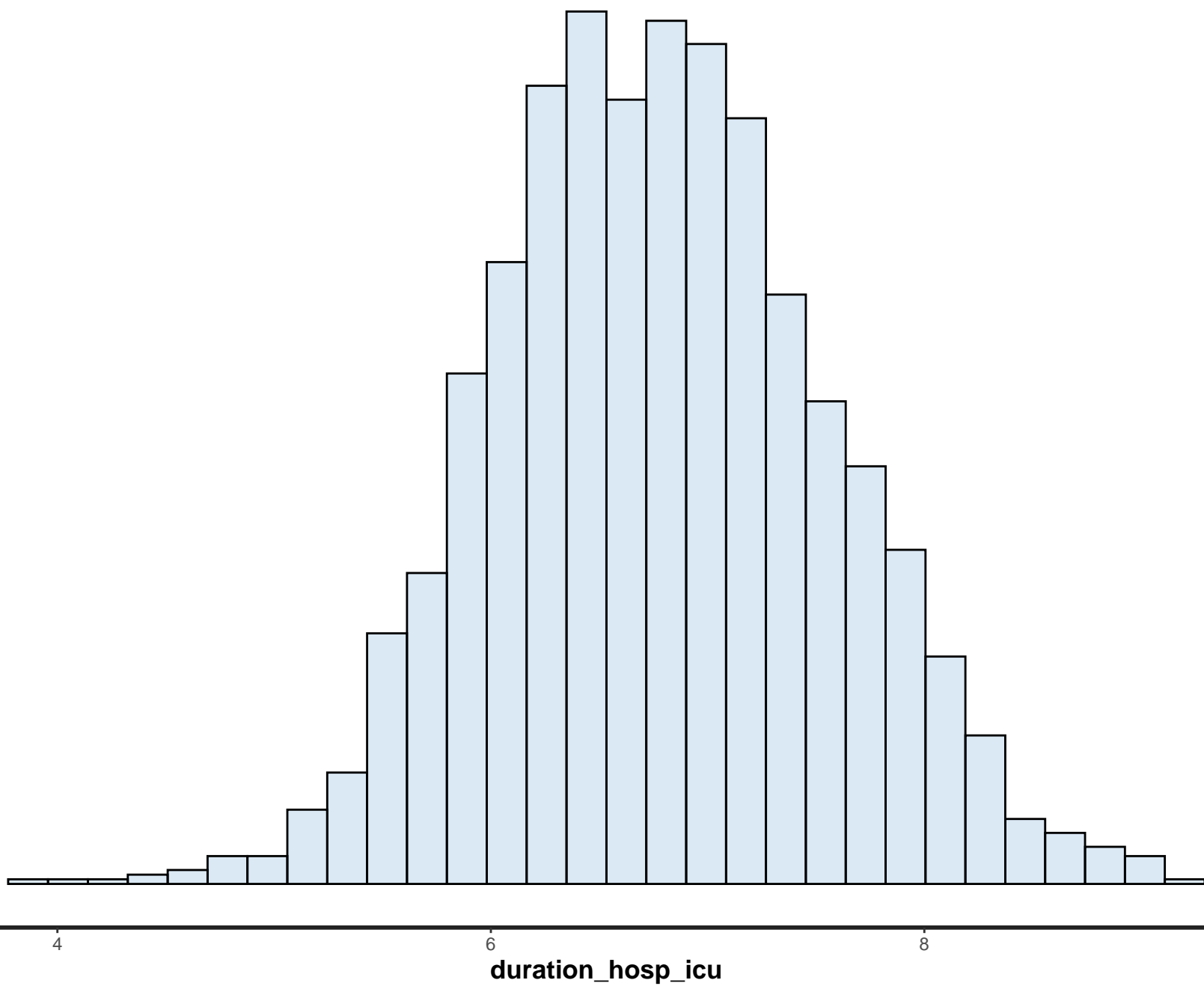


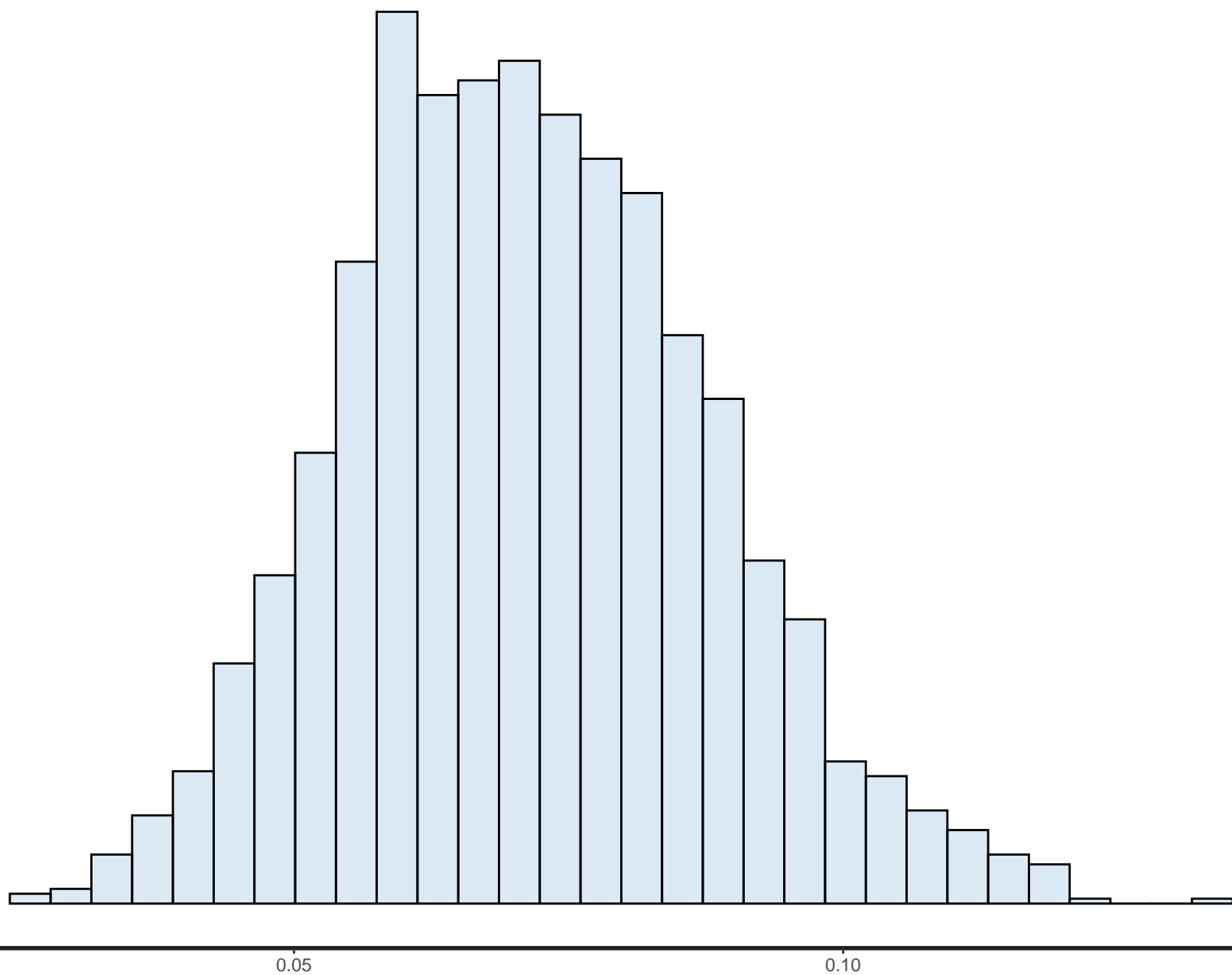


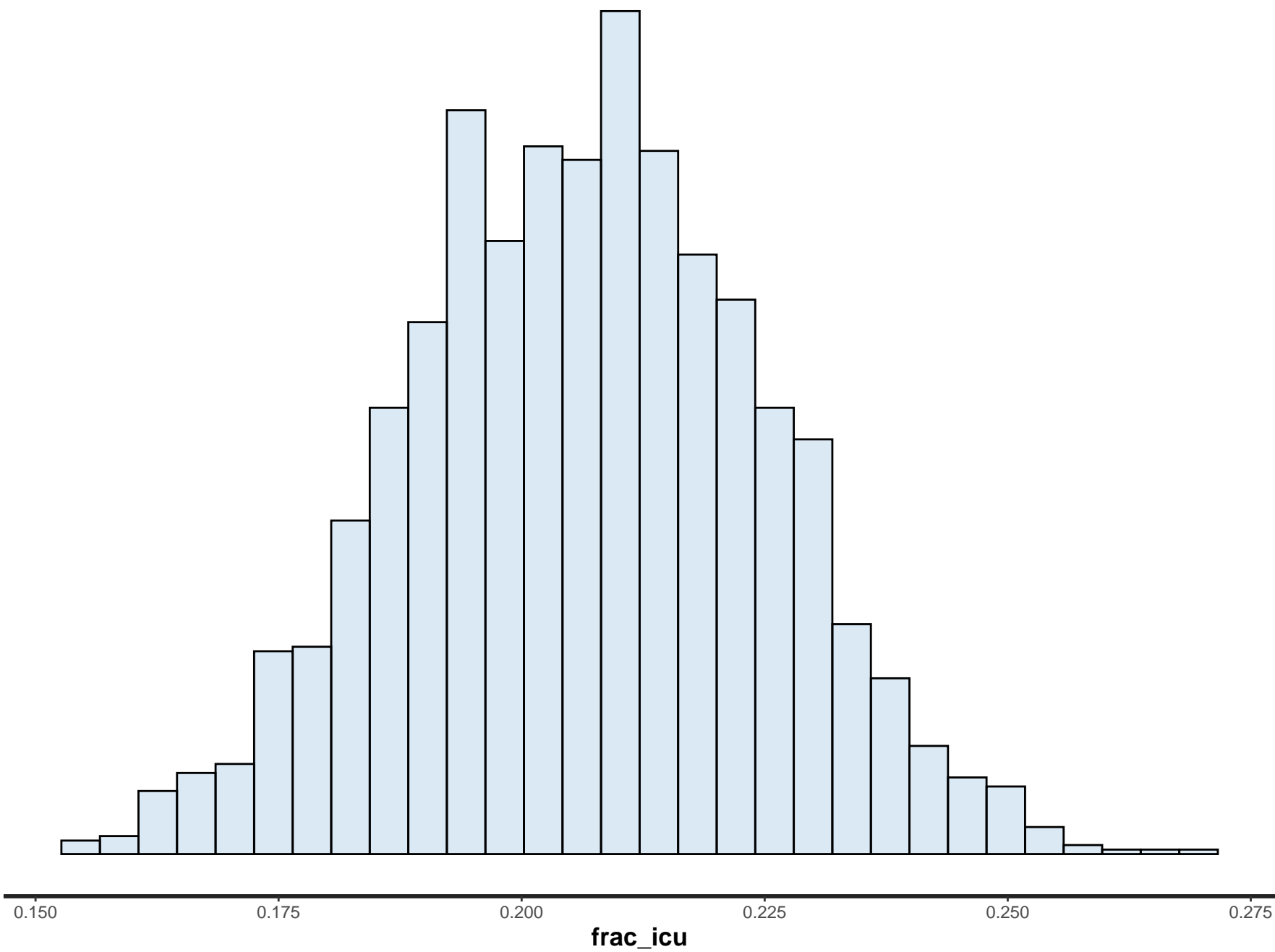




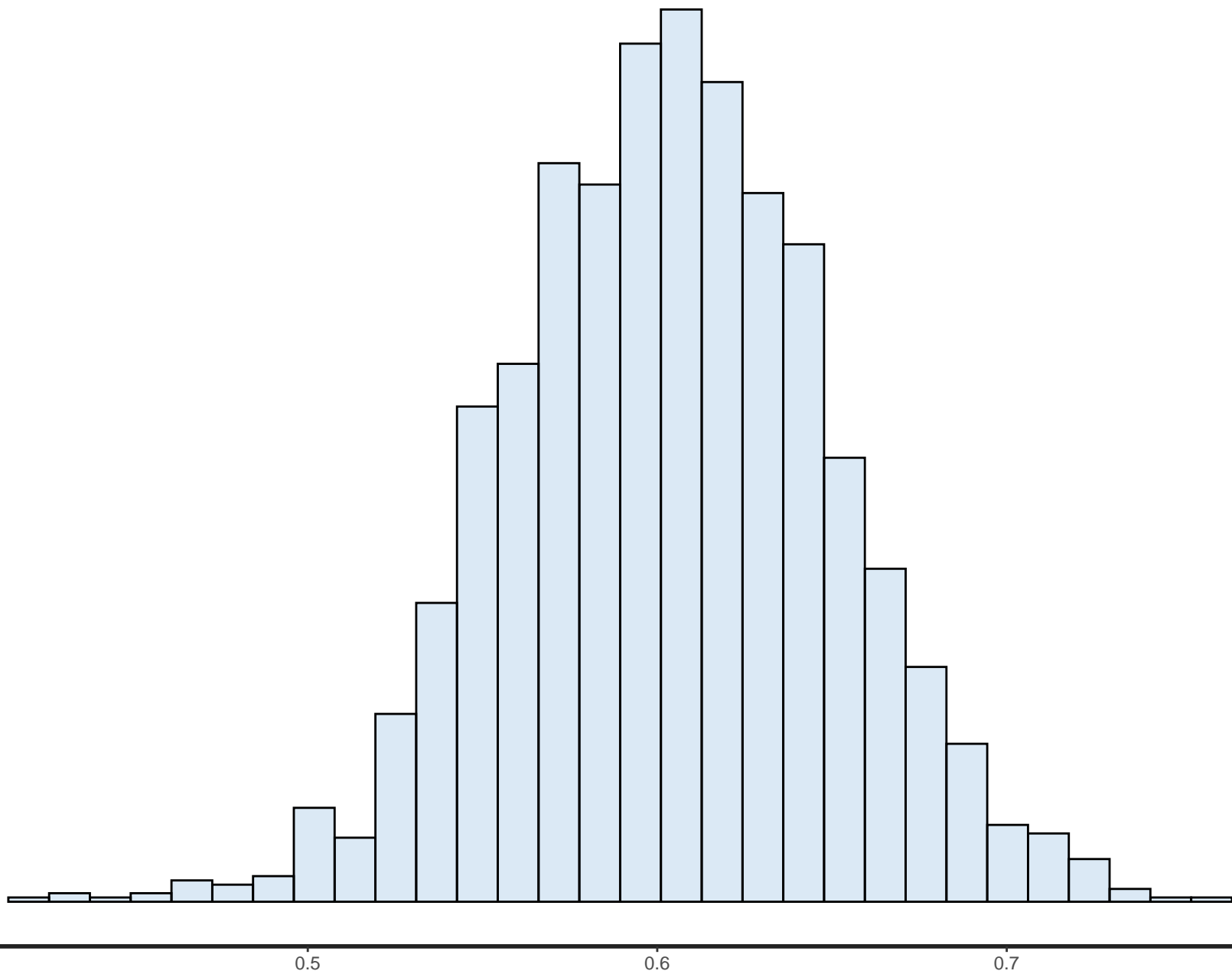




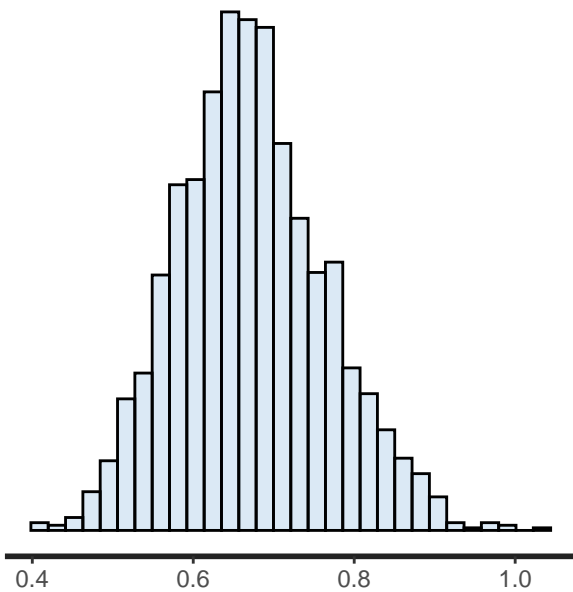




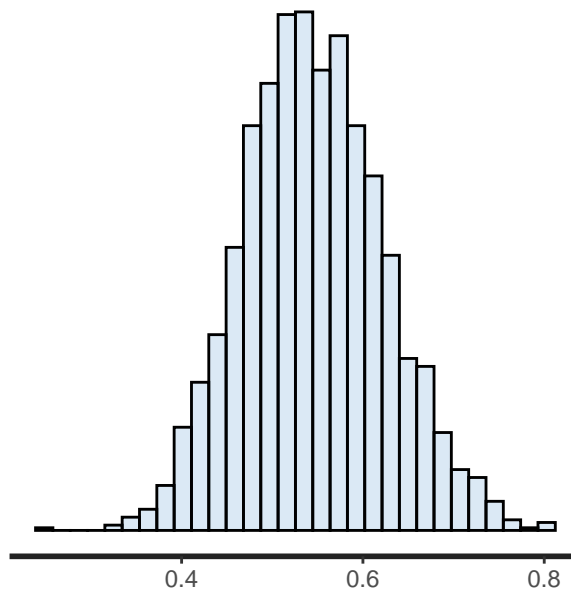




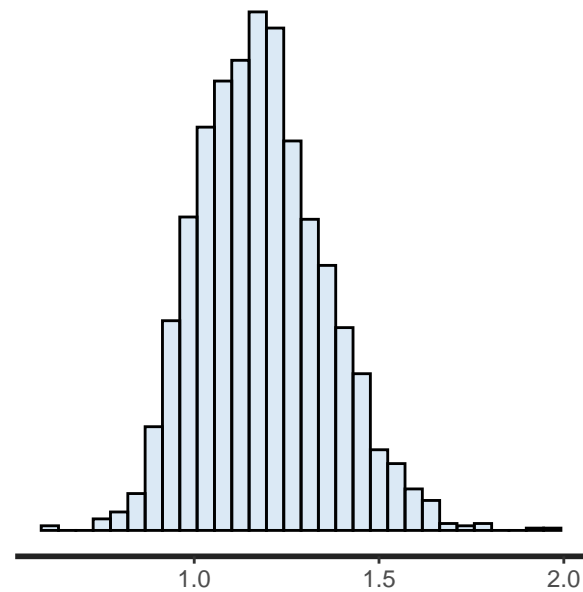
**beta\_multiplier[1]**



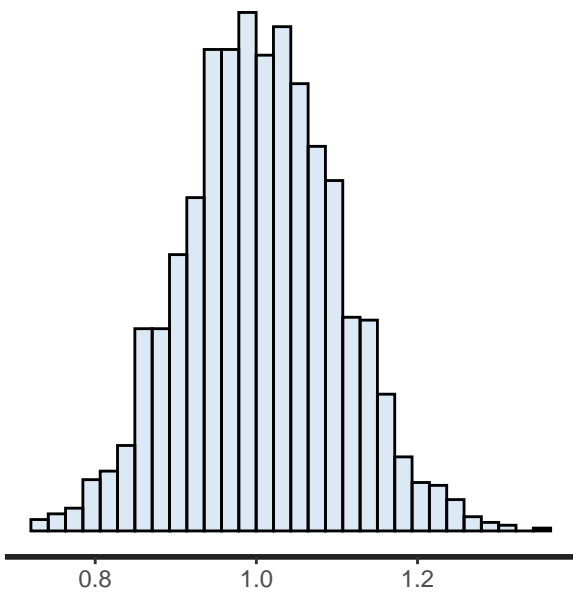
**beta\_multiplier[2]**



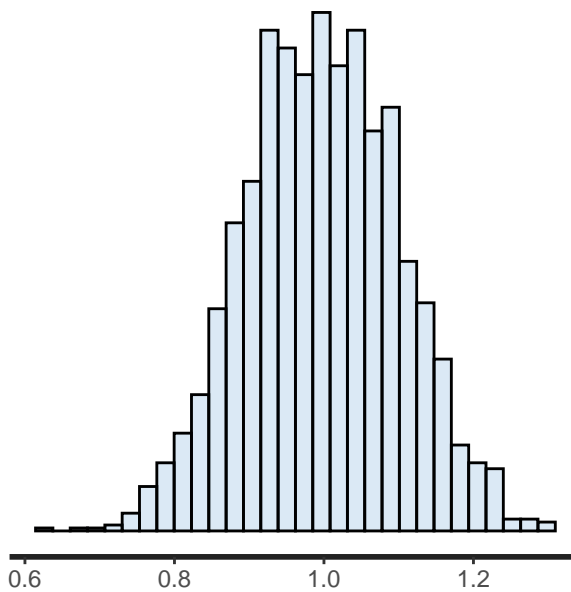
**beta\_multiplier[3]**



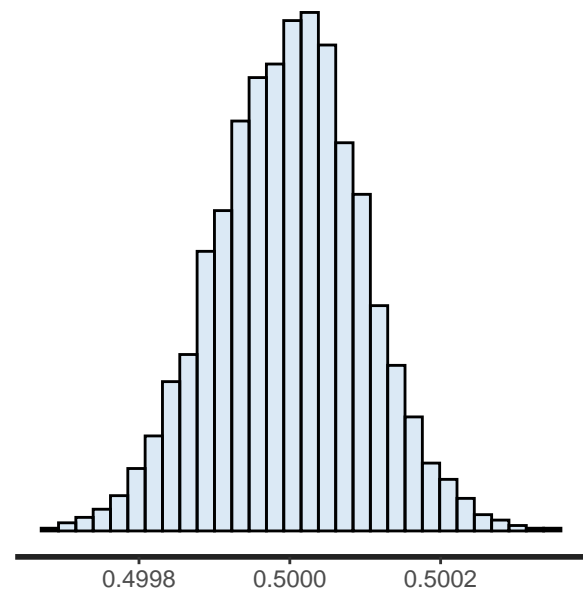
**beta\_multiplier[4]**



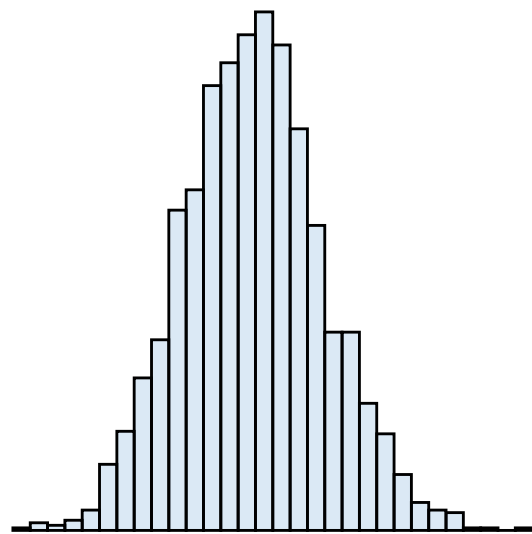
**beta\_multiplier[5]**



**beta\_multiplier[6]**

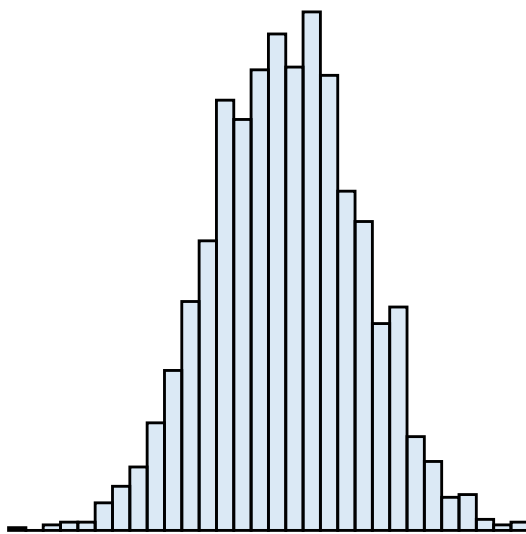


**t\_inter[1]**



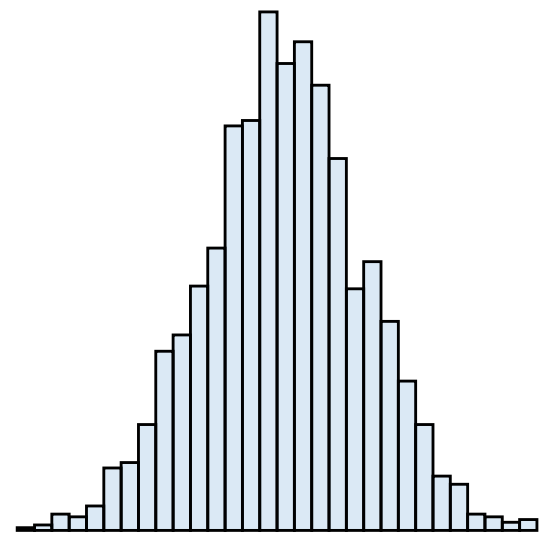
Nov 02 Nov 09

**t\_inter[2]**



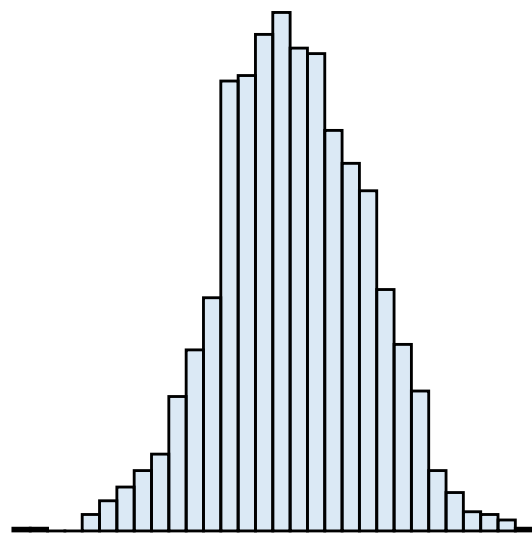
Nov 18 Nov 20 Nov 22 Nov 24 Nov 26 Nov 28

**t\_inter[3]**



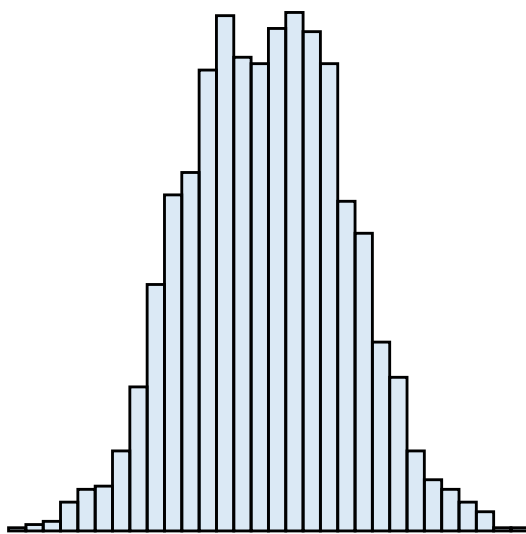
Nov 30 Dec 07

**t\_inter[4]**



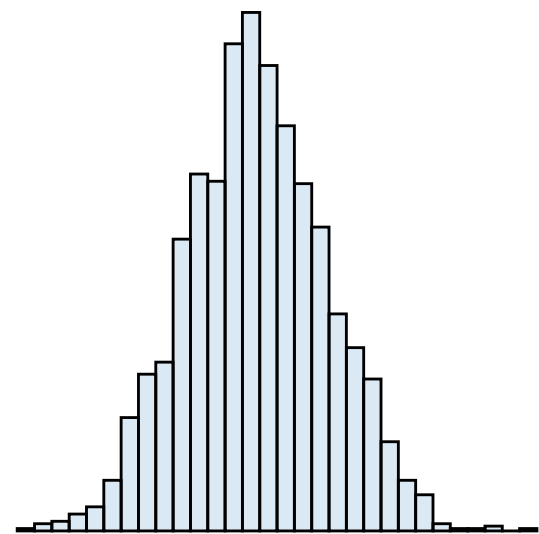
Dec 14 Dec 21

**t\_inter[5]**

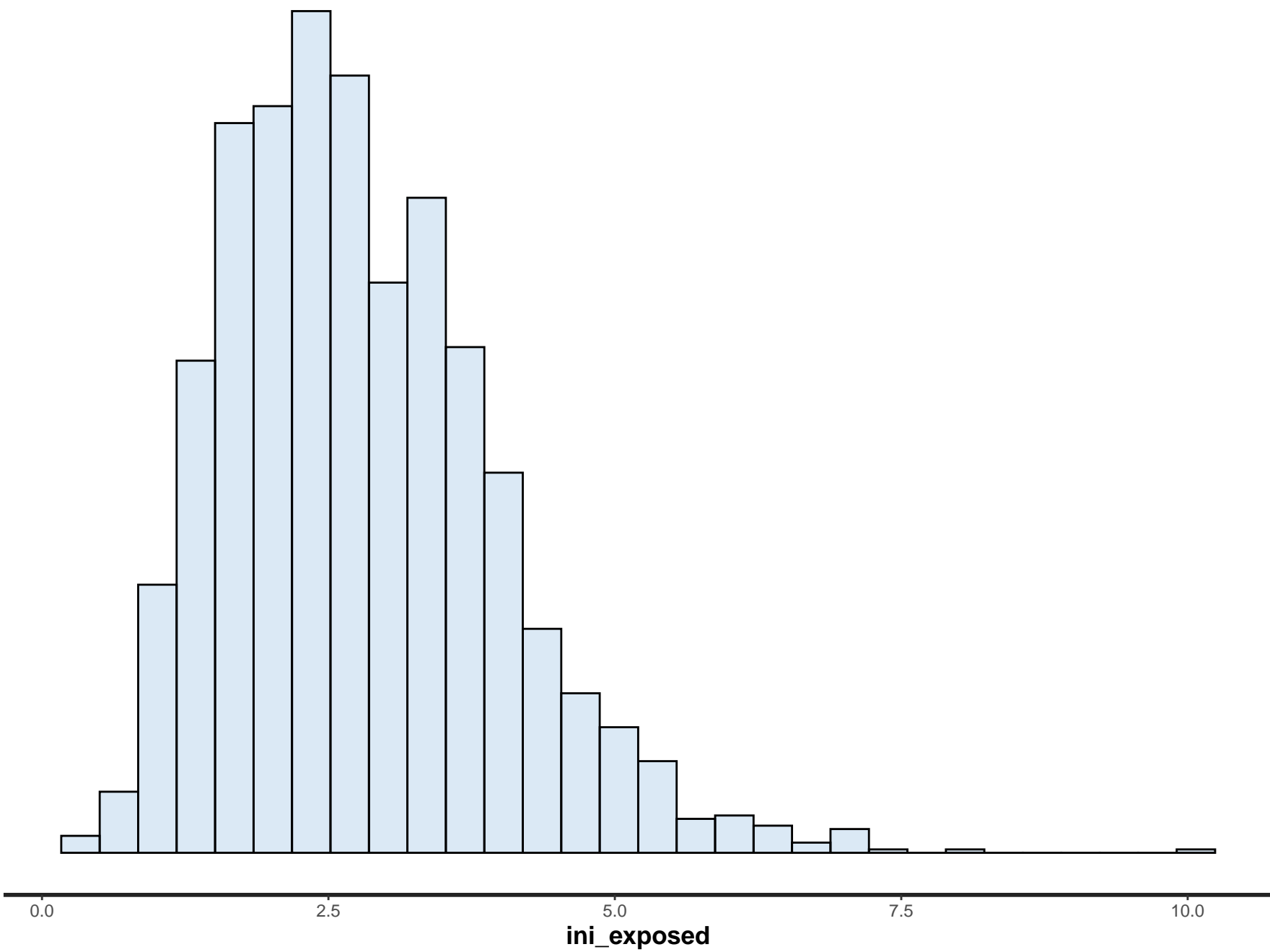


Dec 28 Jan 04

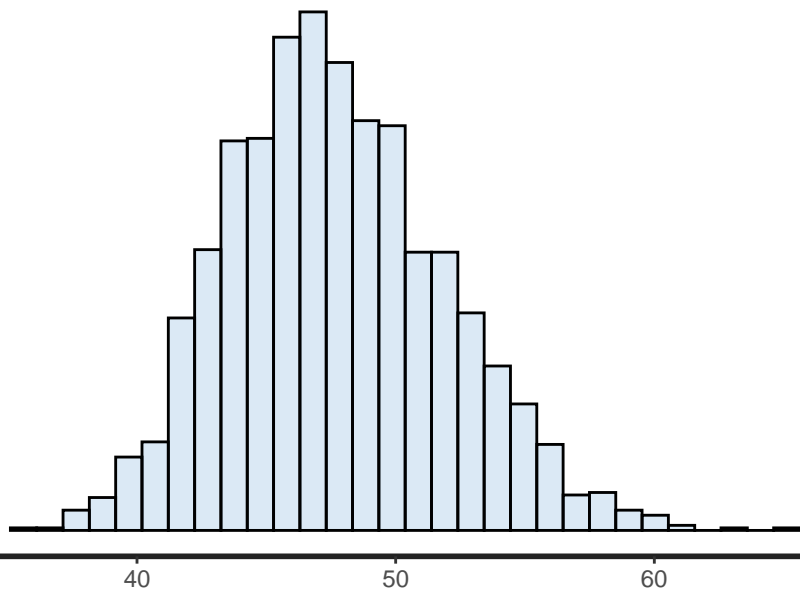
**t\_inter[6]**



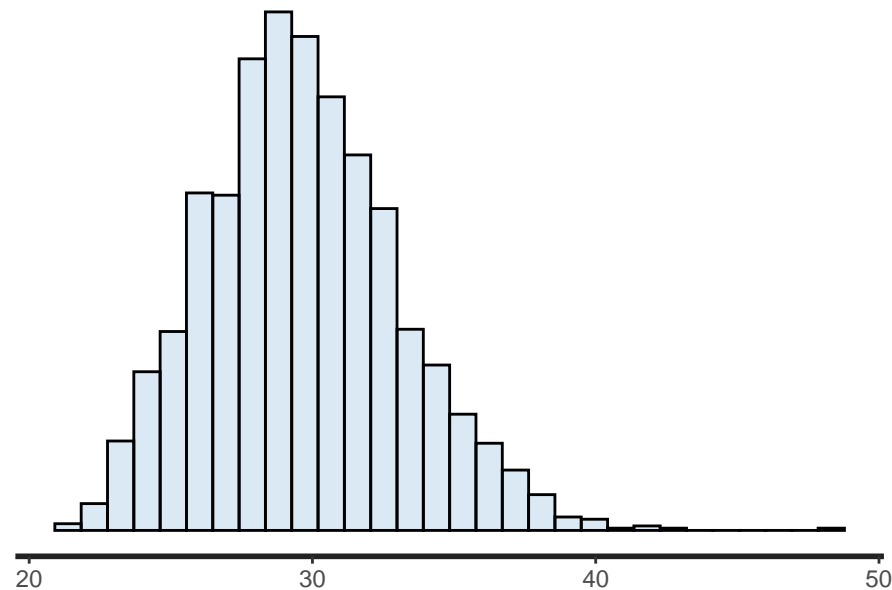
Jan 06



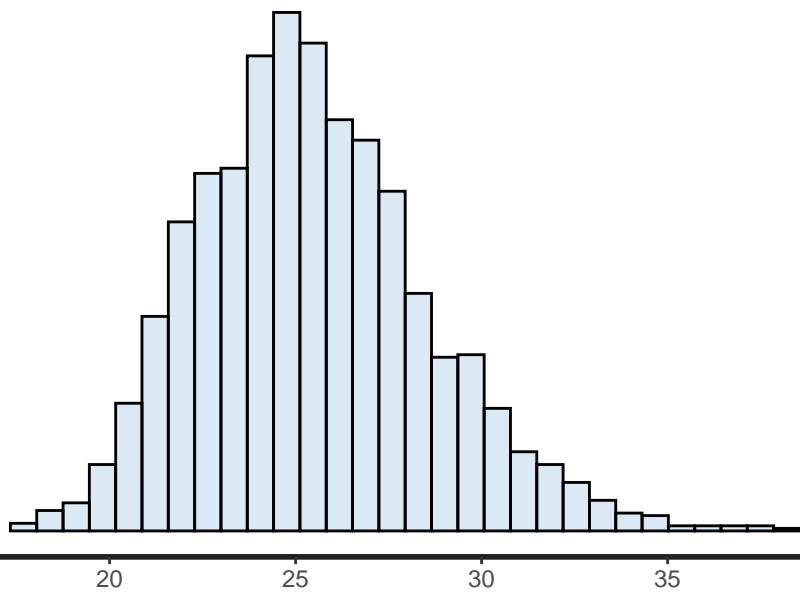
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

