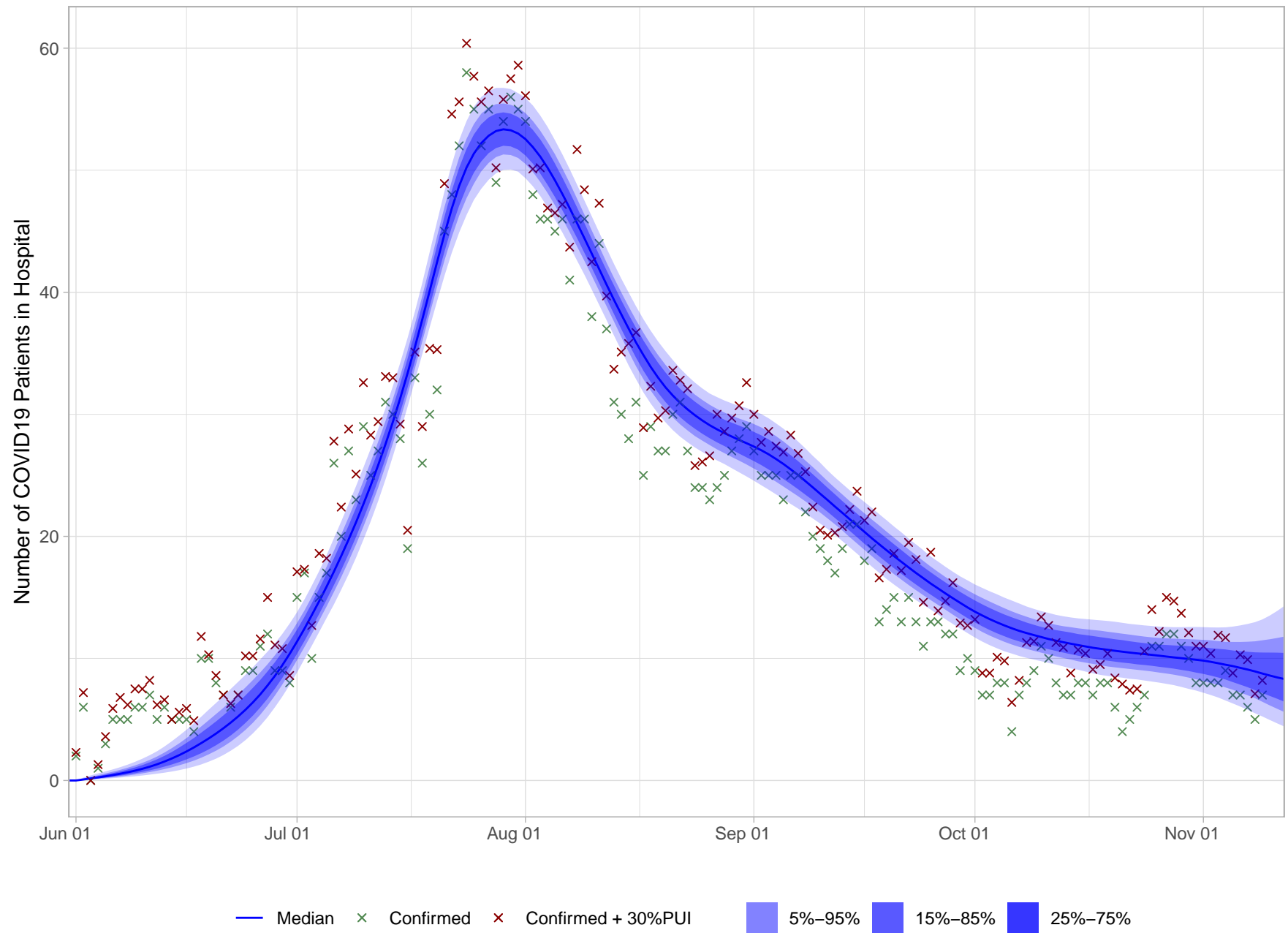
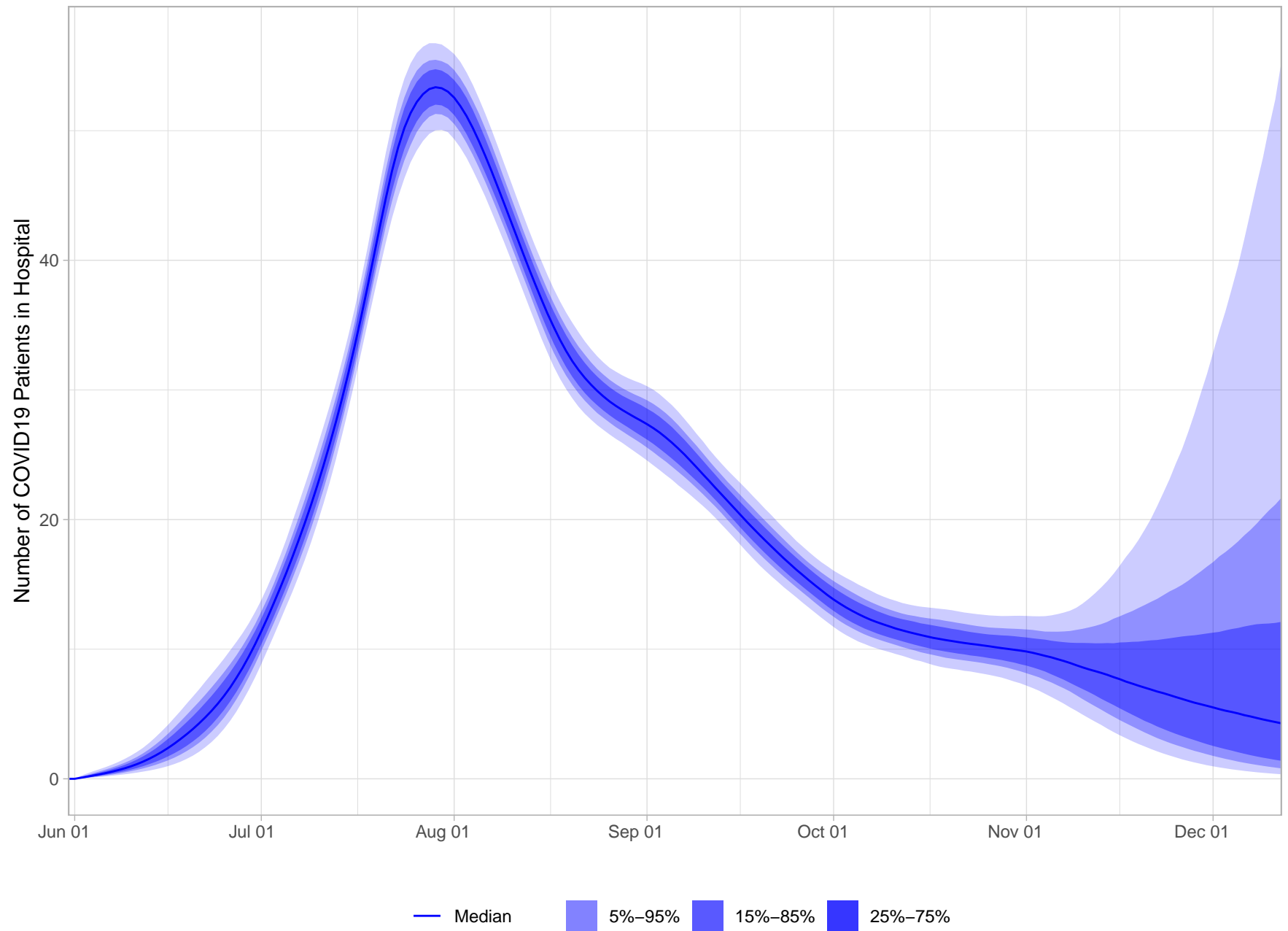


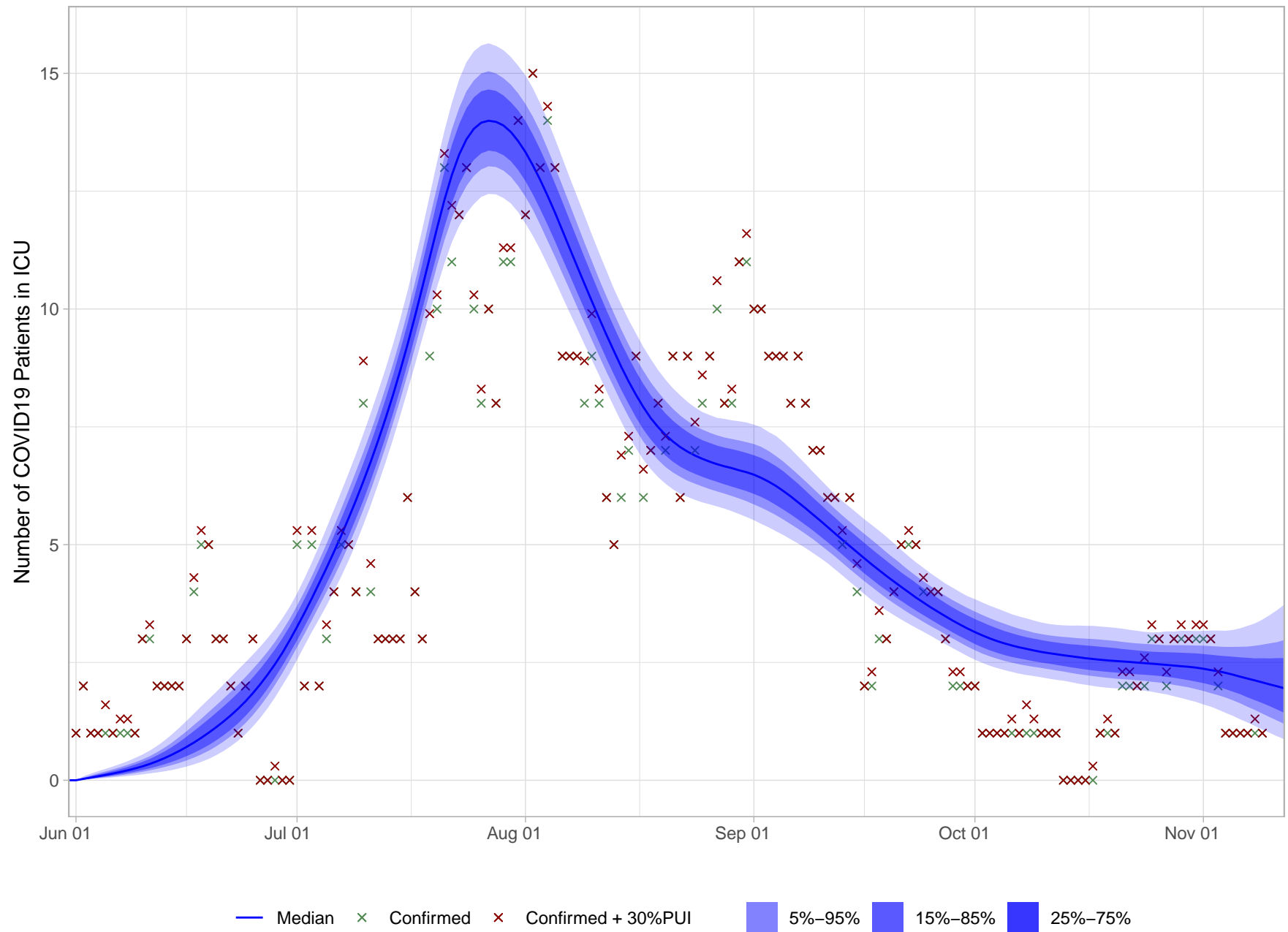
# Short Term Hospitalization Projection



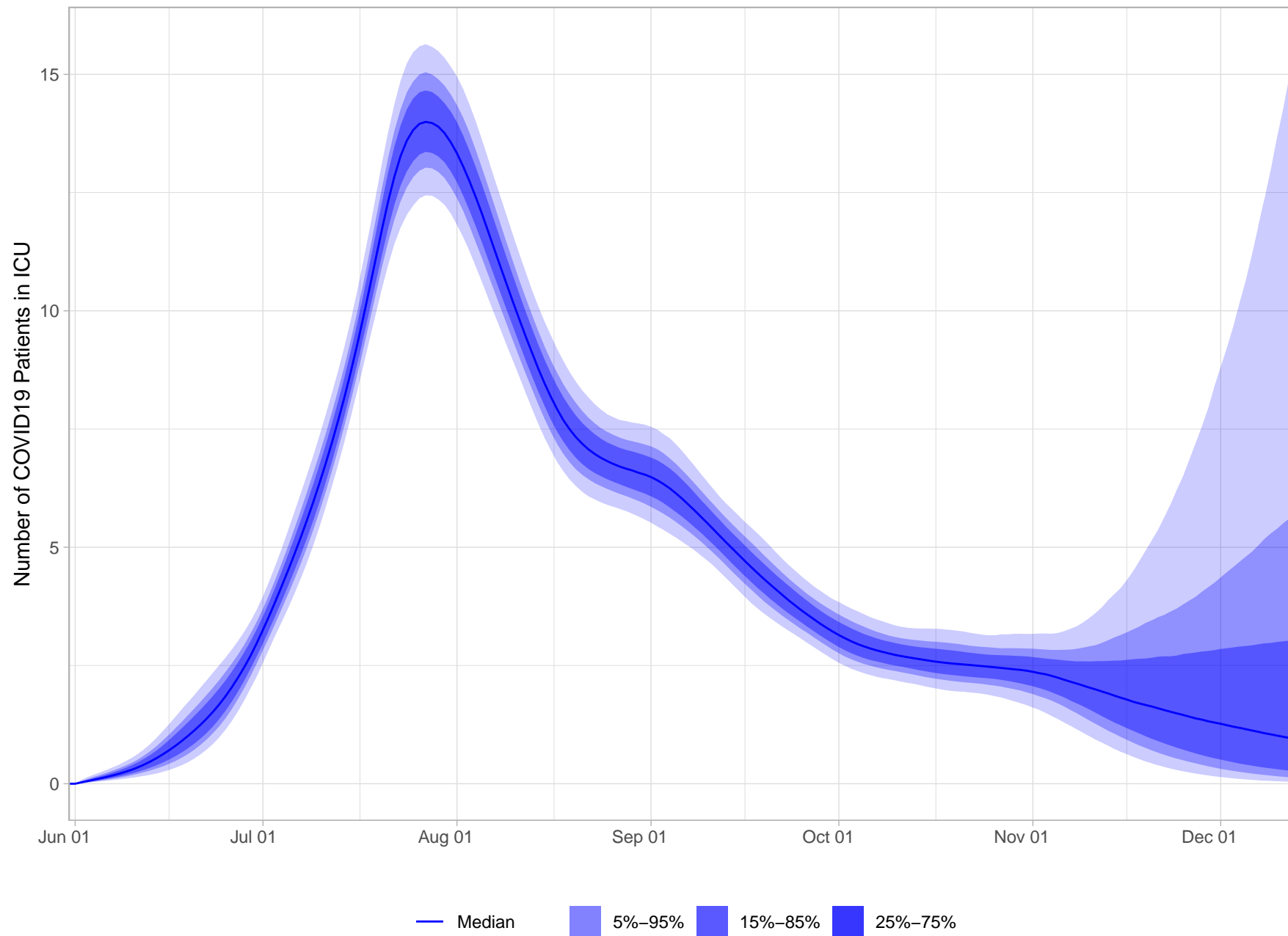
# Long Term Hospitalization Projection



# Short Term ICU Projection

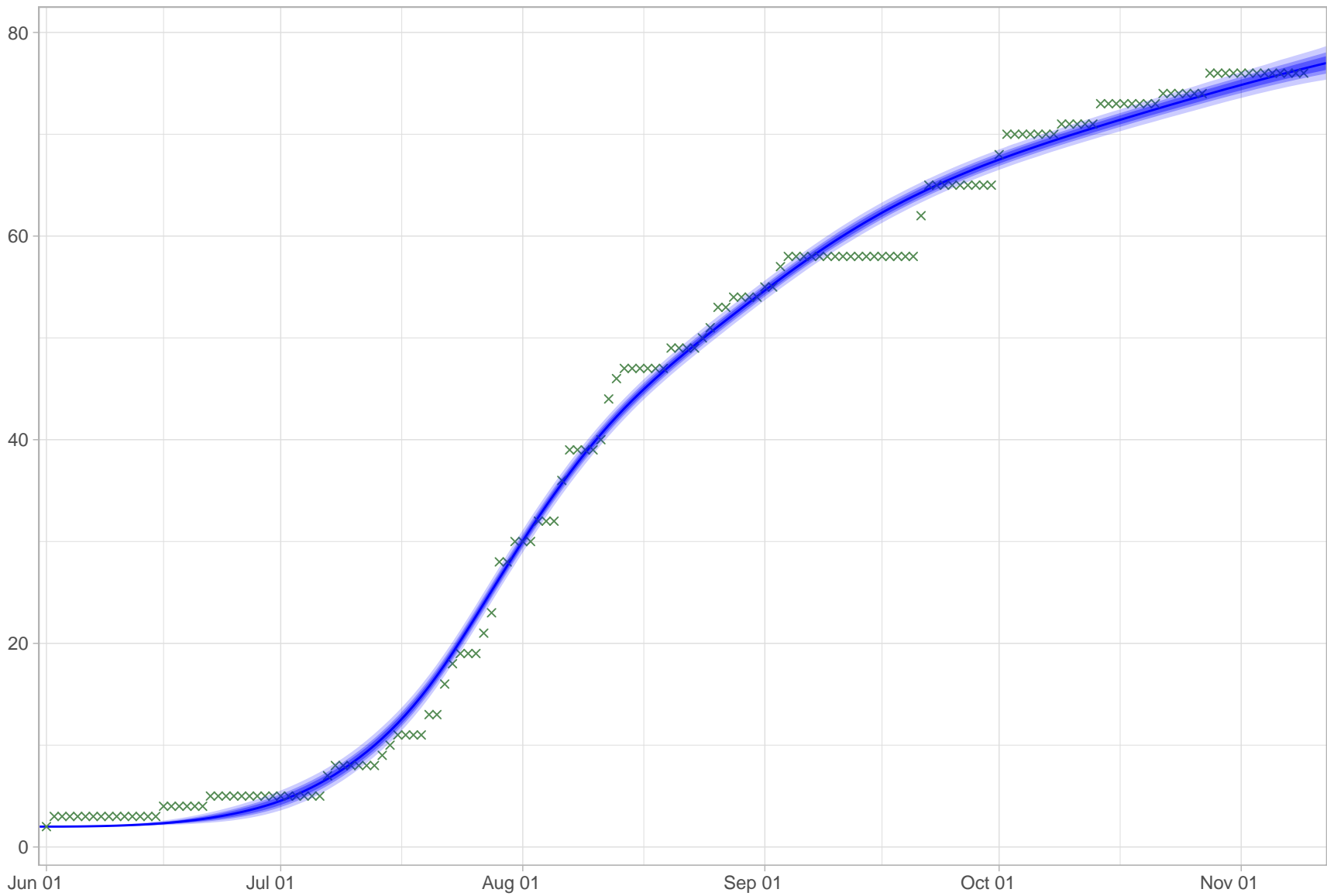


# Long Term ICU Projection



# Short Term Death Projection

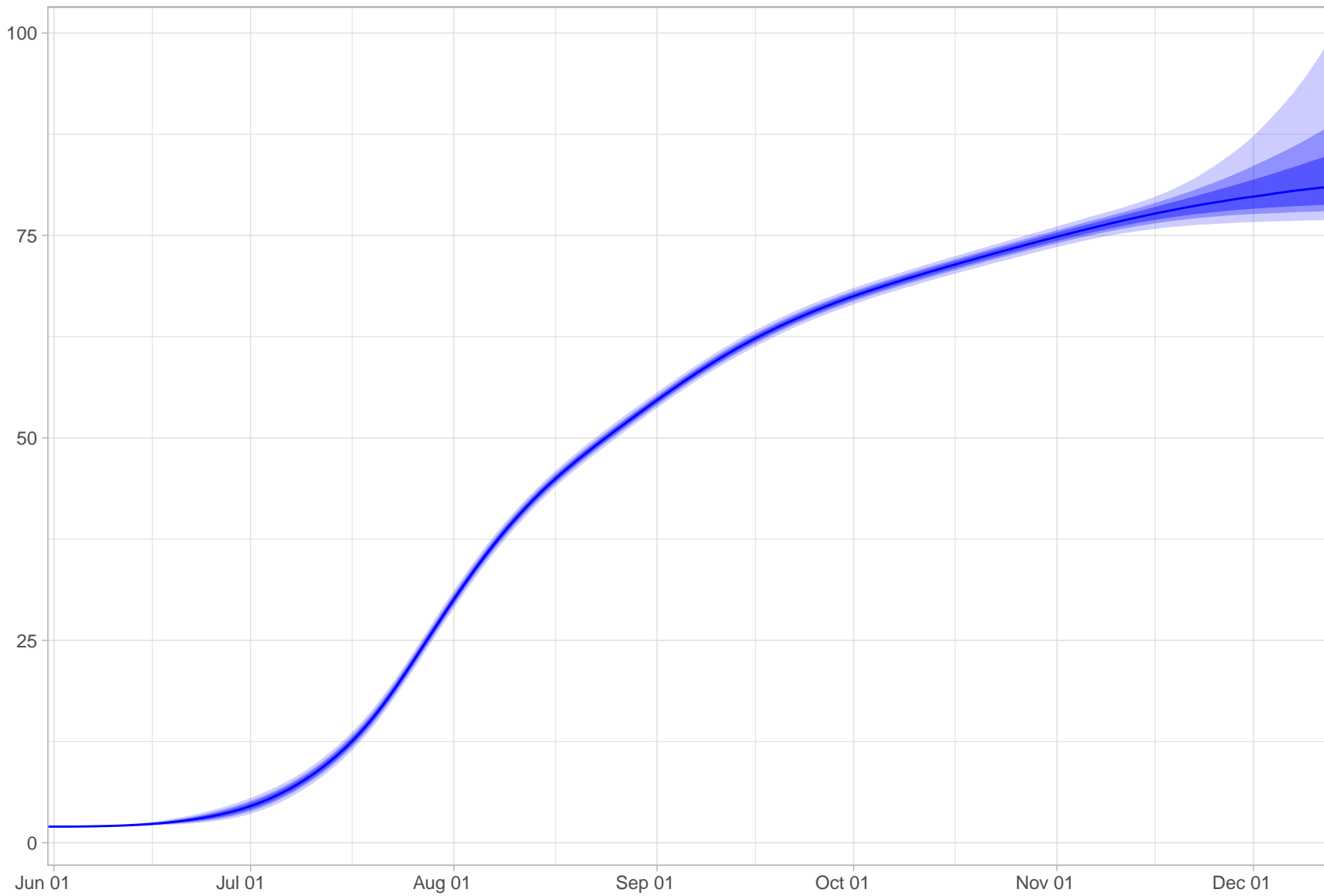
Number of COVID19 Deaths



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

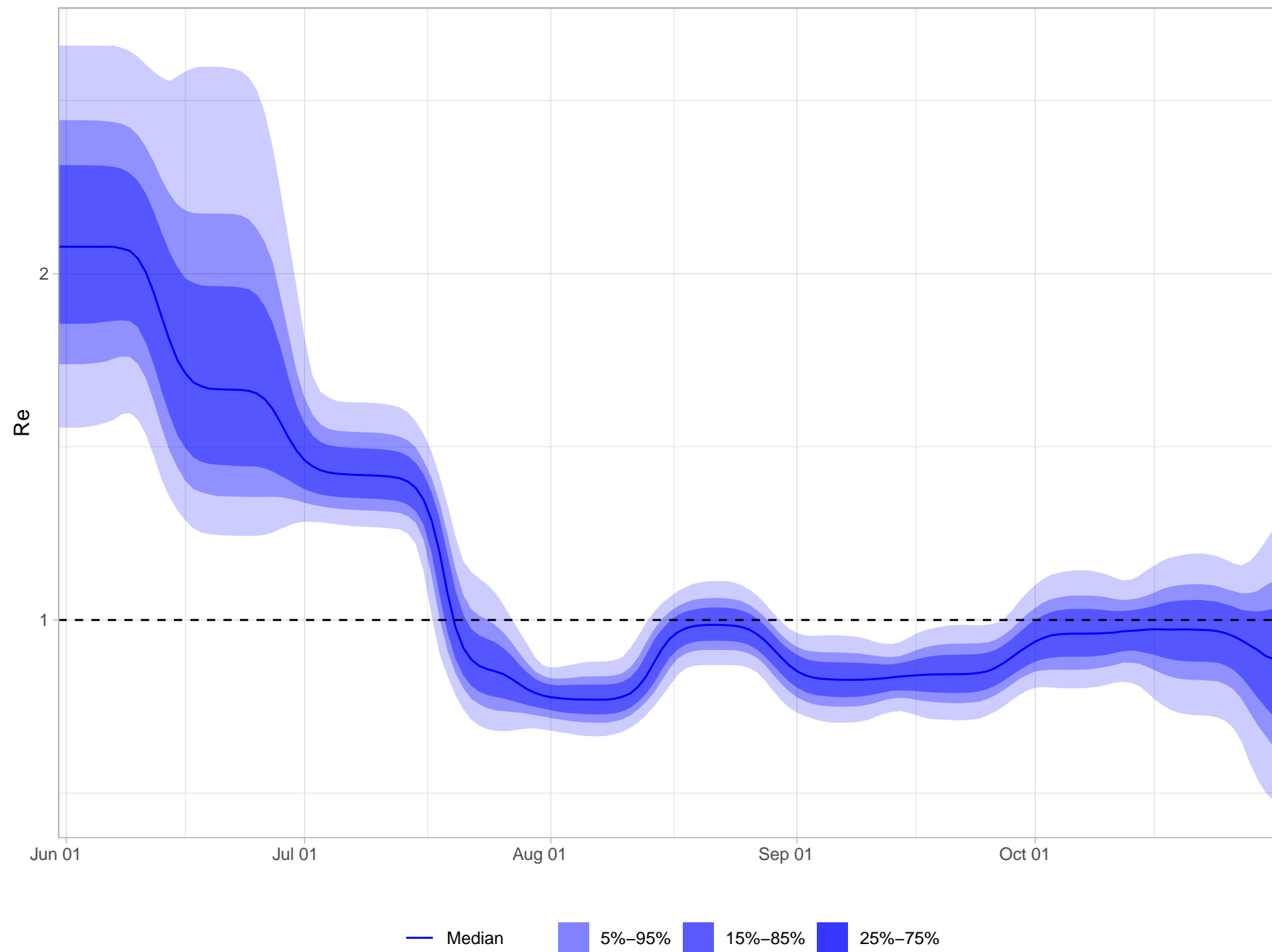
# Long Term Death Projection

Number of COVID19 Deaths



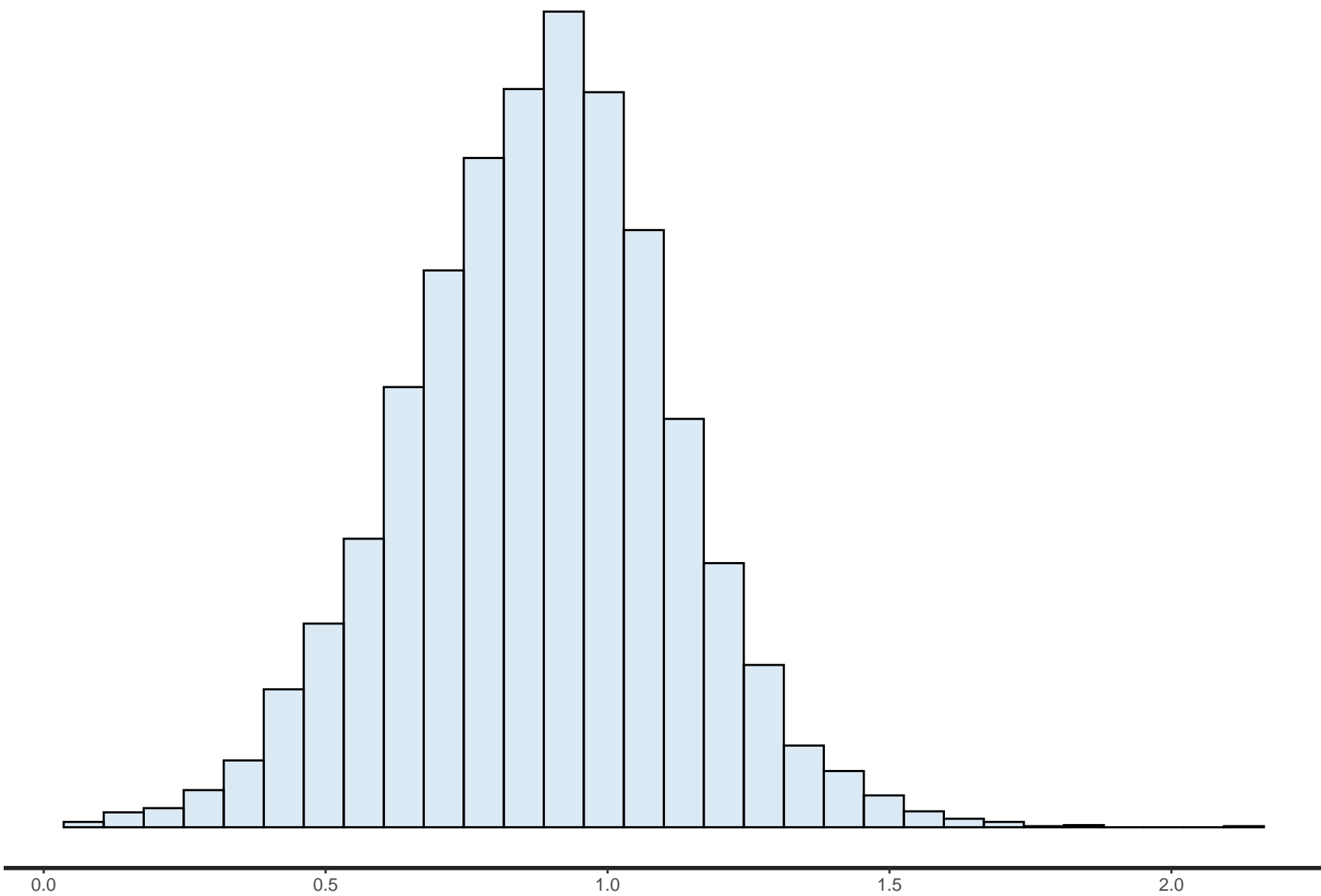
— Median    5%-95%    15%-85%    25%-75%

Effective Reproduction Number

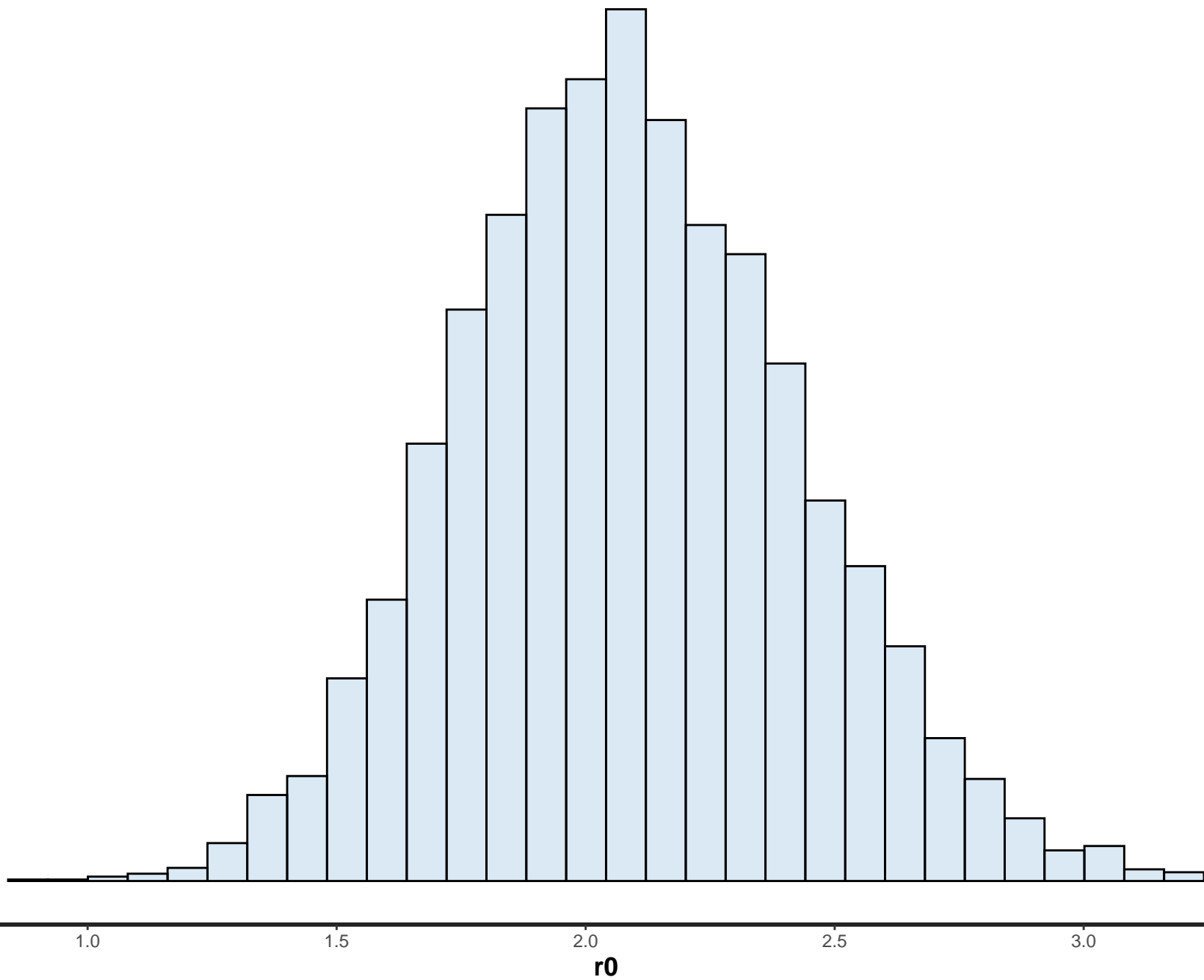


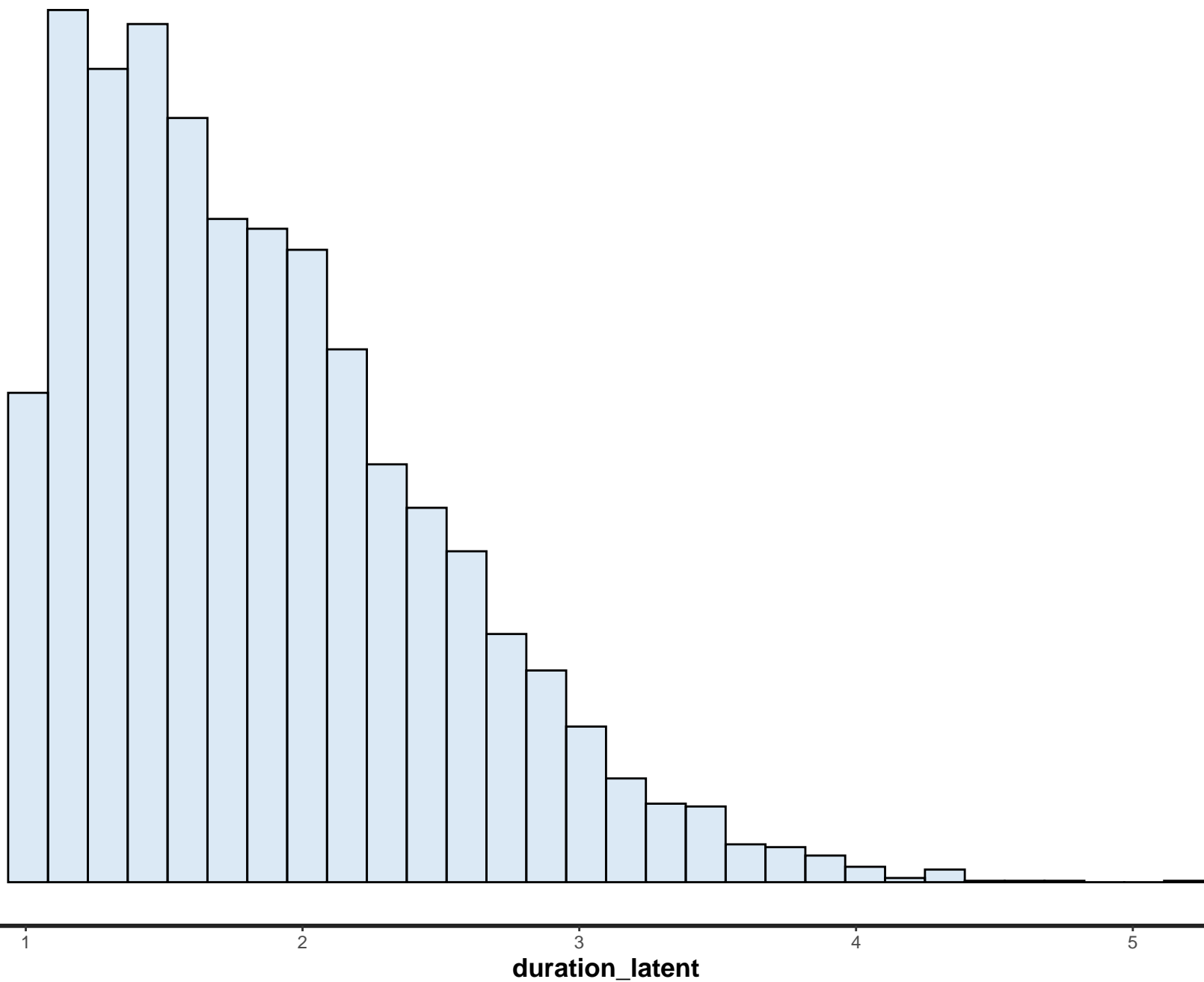
# Rt as of 2020-10-31

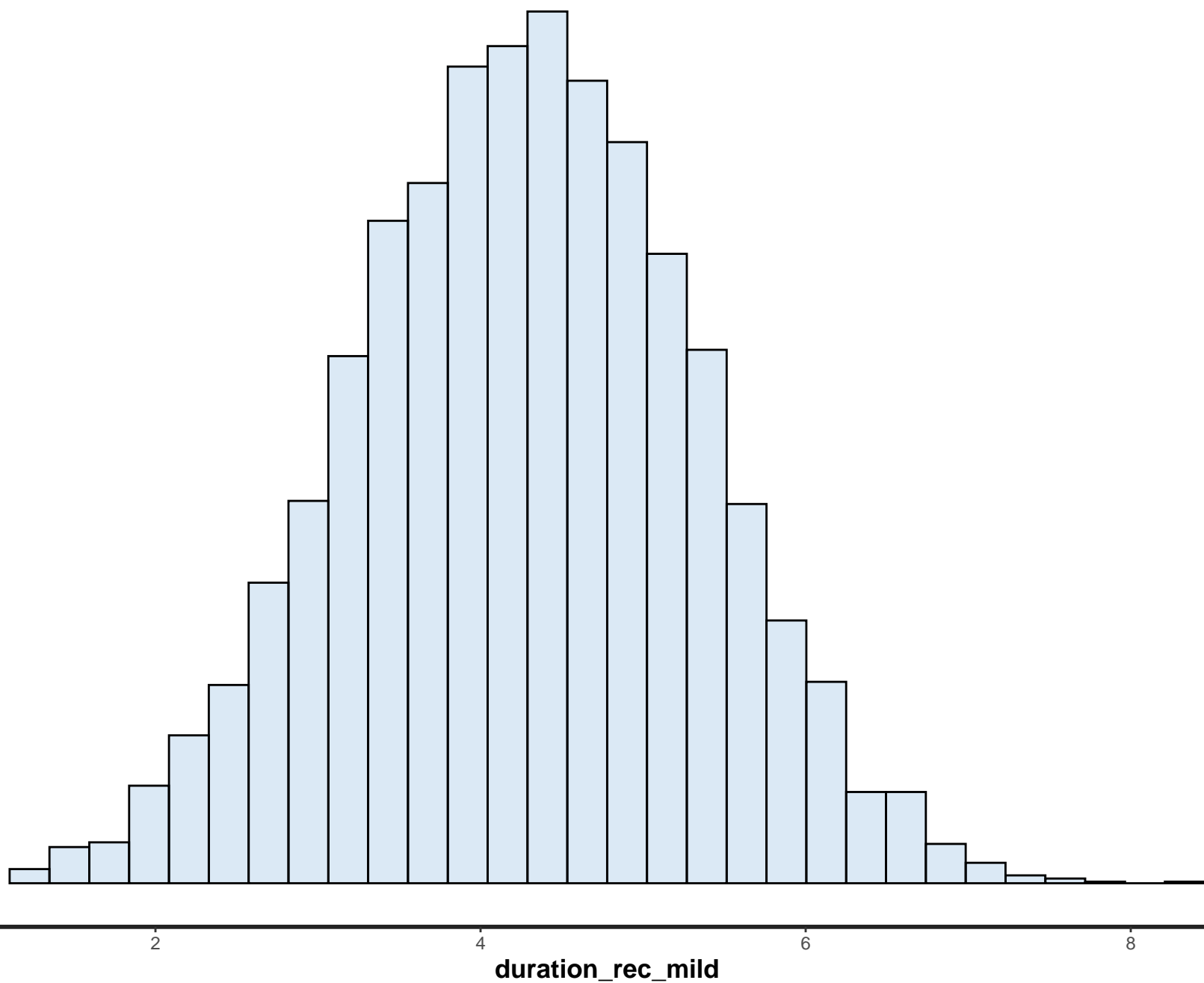
5%	10%	25%	50%	75%	90%	95%
0.48	0.57	0.72	0.89	1.03	1.17	1.26

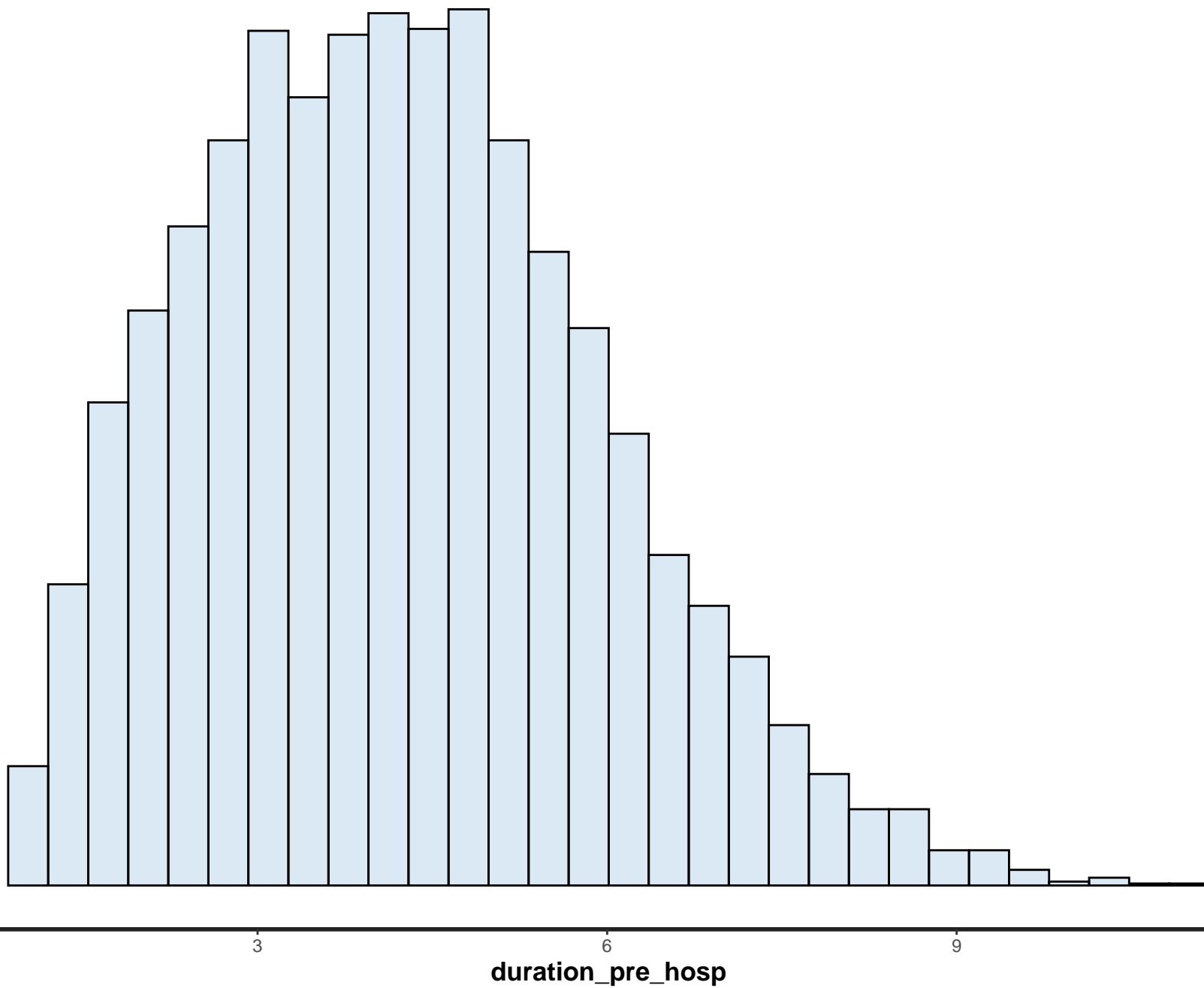


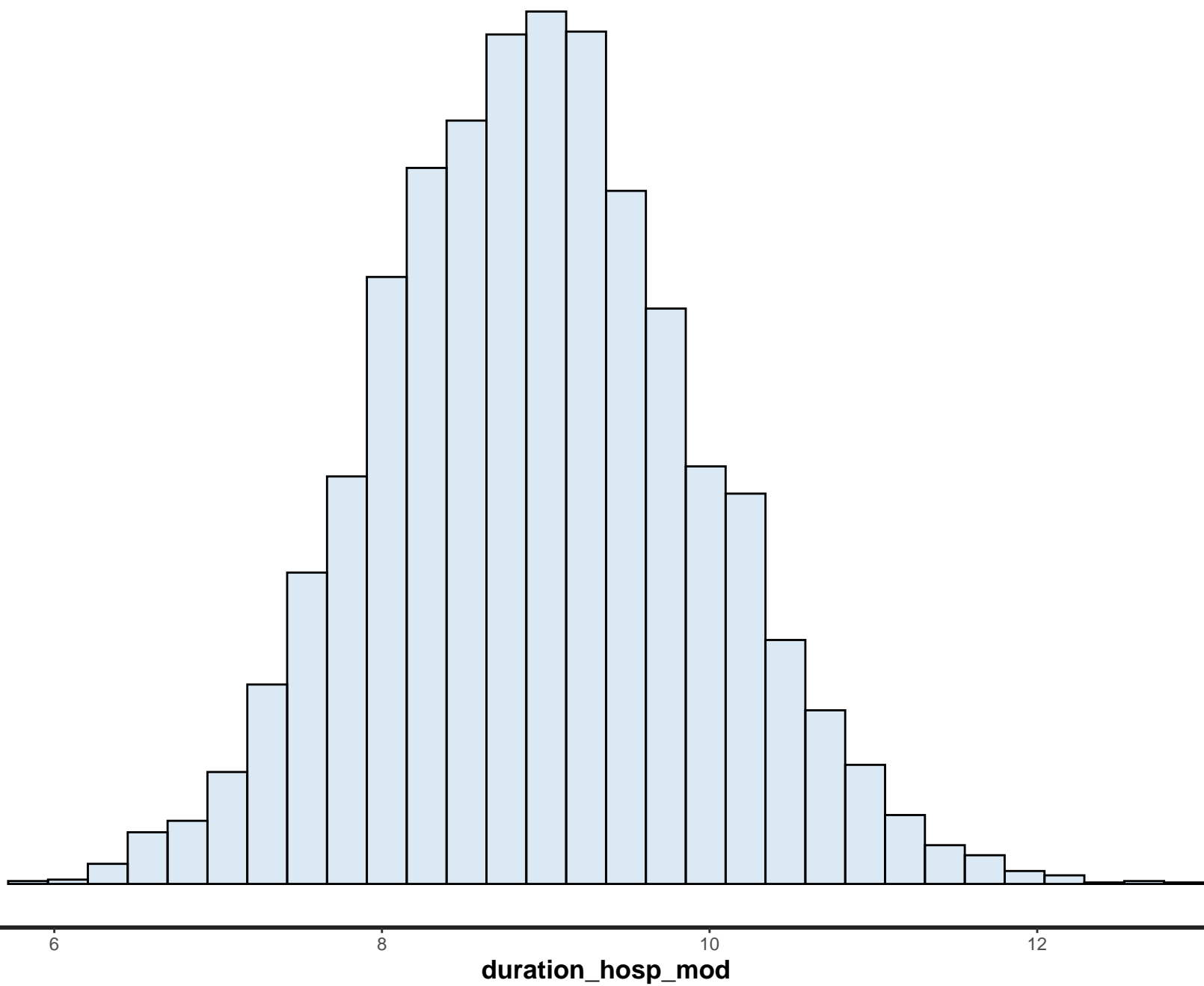


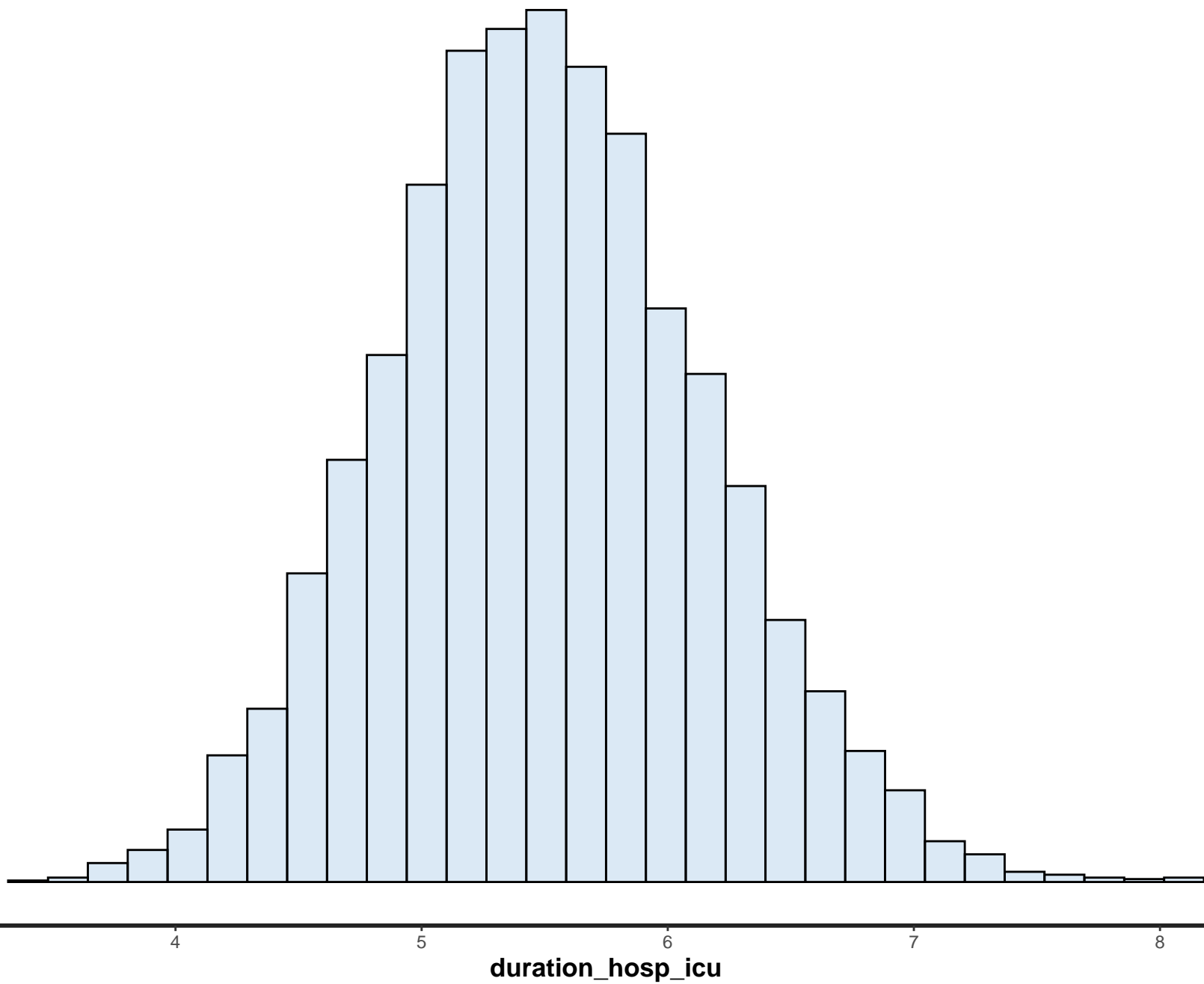


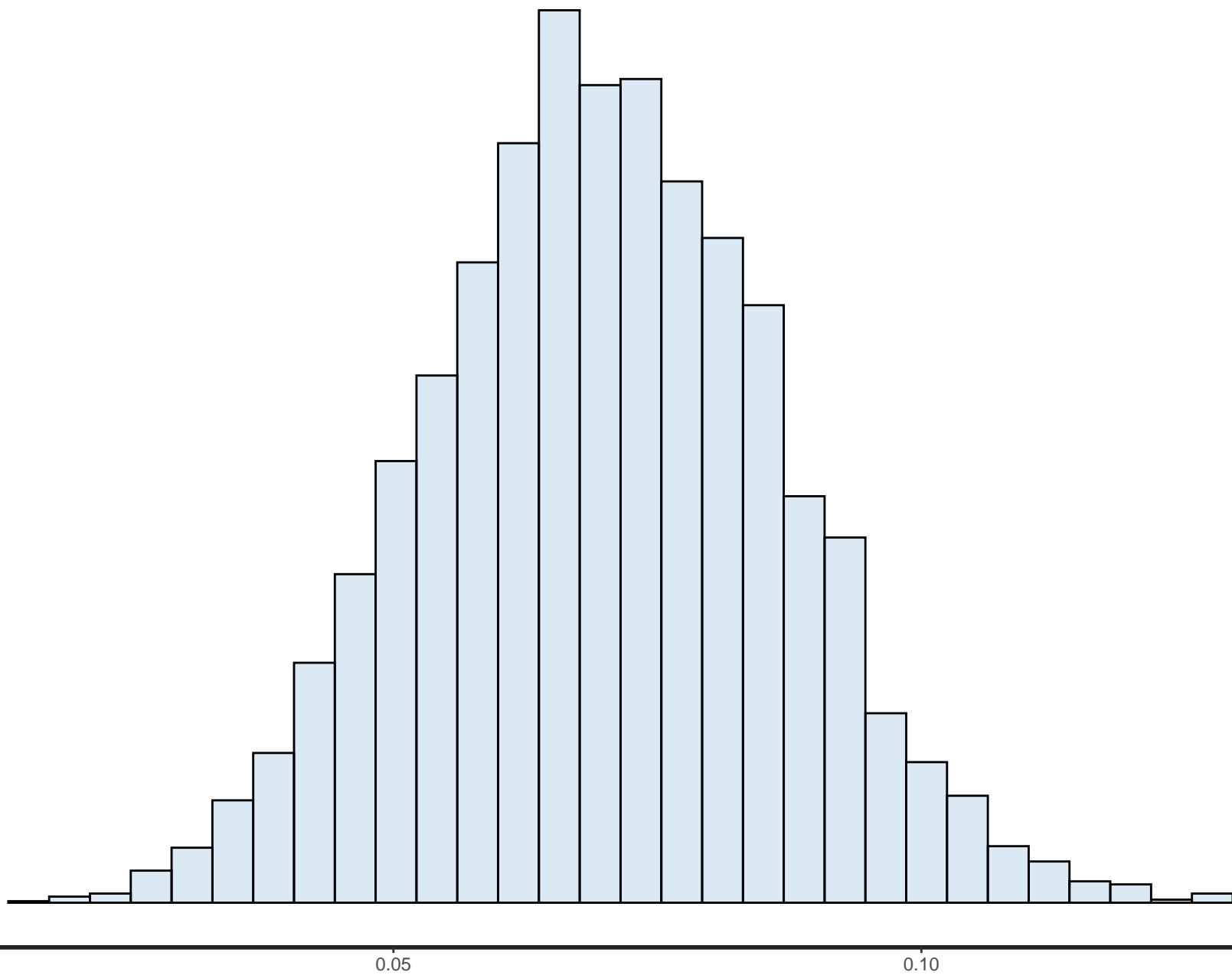


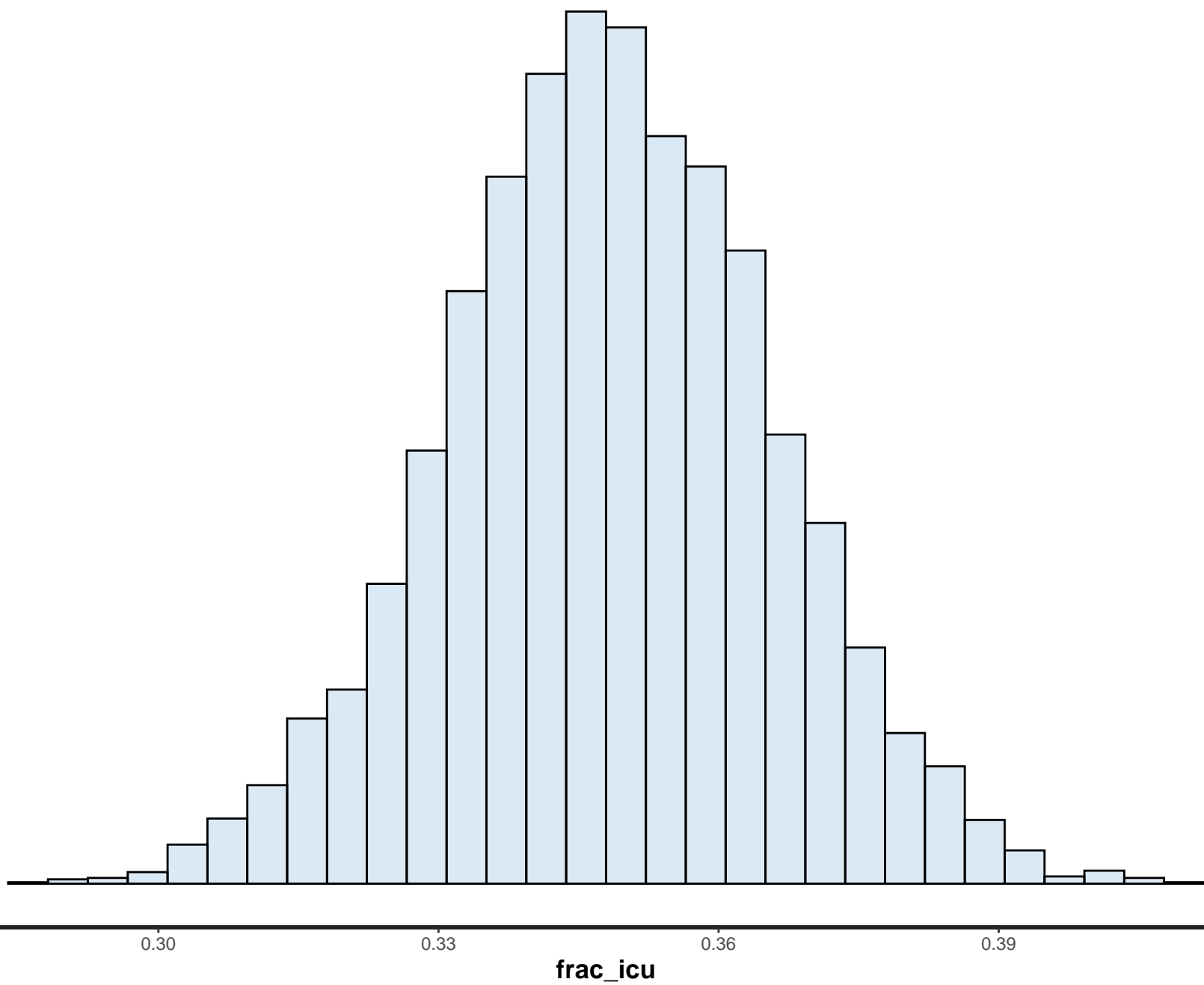




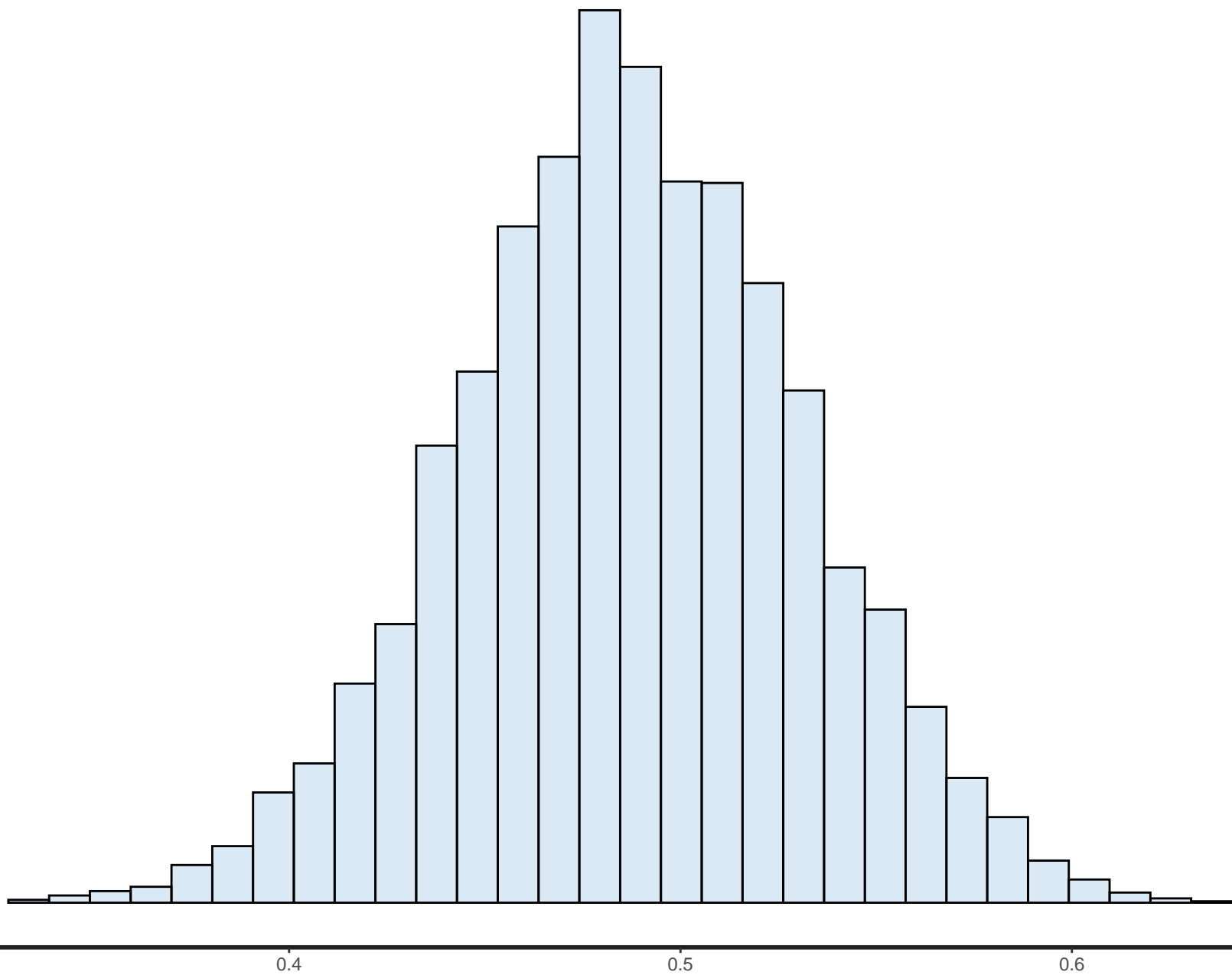




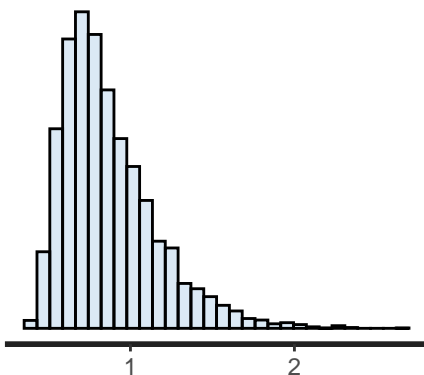




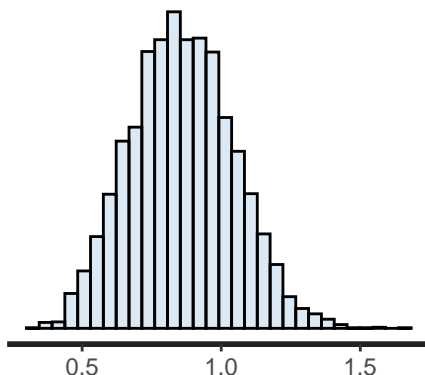




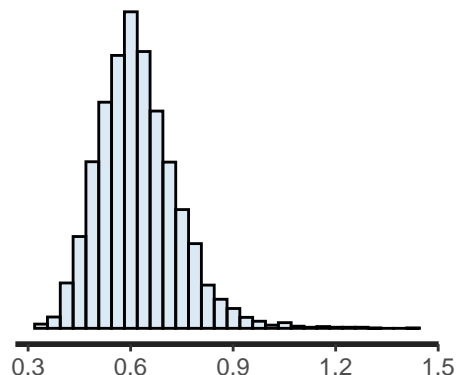
**beta\_multiplier[1]**



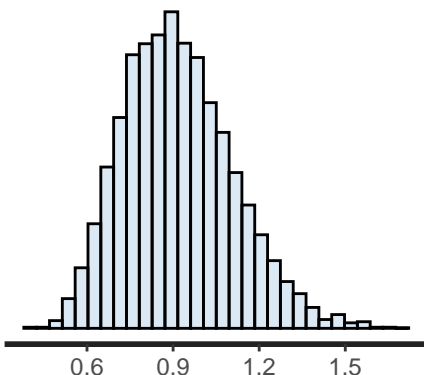
**beta\_multiplier[2]**



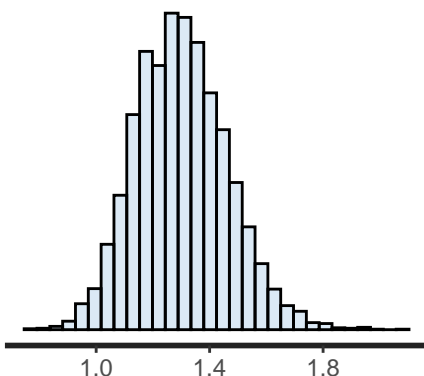
**beta\_multiplier[3]**



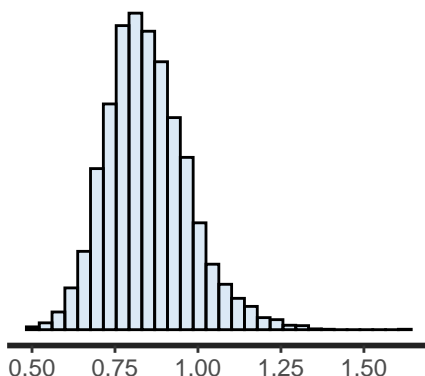
**beta\_multiplier[4]**



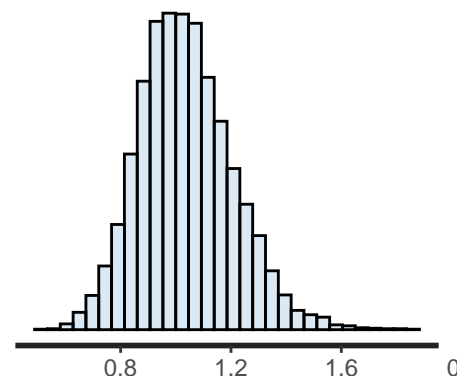
**beta\_multiplier[5]**



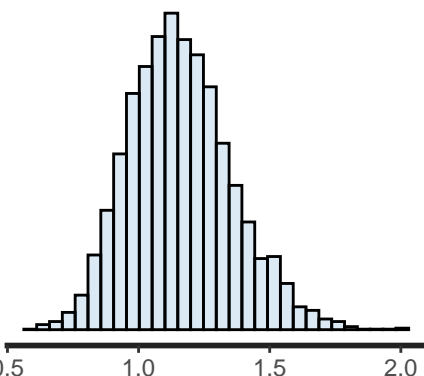
**beta\_multiplier[6]**



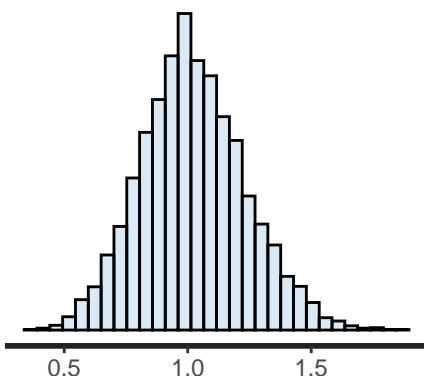
**beta\_multiplier[7]**



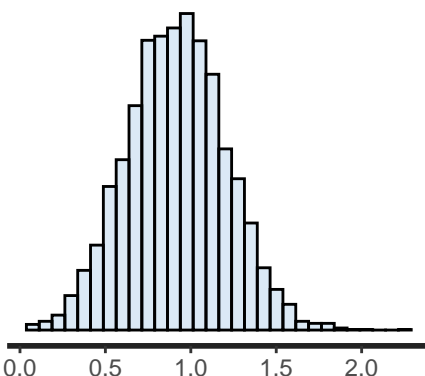
**beta\_multiplier[8]**



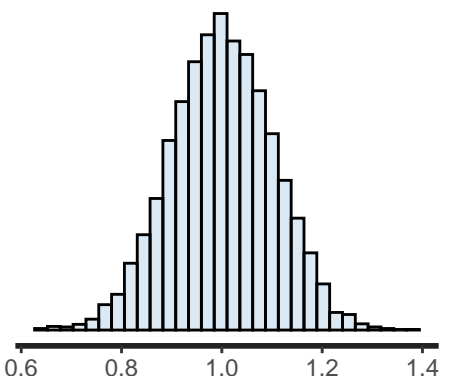
**beta\_multiplier[9]**



**beta\_multiplier[10]**



**beta\_multiplier[11]**



**t\_inter[1]**

Jun 01 Jun 08 Jun 15

**t\_inter[2]**

Jun 22 Jun 29 Jul 06

**t\_inter[3]**

Jul 13 Jul 20 Jul 27

**t\_inter[4]**

Aug 03 Aug 10 Aug 17

**t\_inter[5]**

Aug 24 Aug 31 Sep 07

**t\_inter[6]**

Sep 14 Sep 21 Sep 28

**t\_inter[7]**

Oct 05 Oct 12 Oct 19

**t\_inter[8]**

Oct 26 Nov 02 Nov 09

**t\_inter[9]**

Nov 16 Nov 23 Nov 30

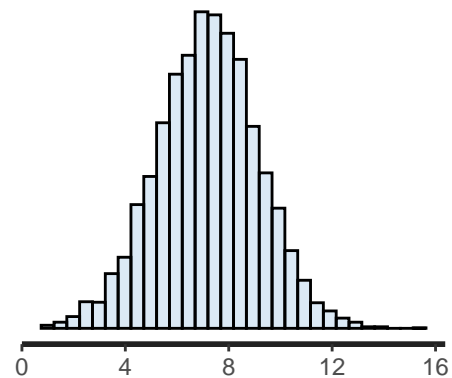
**t\_inter[10]**

Dec 07 Dec 14 Dec 21

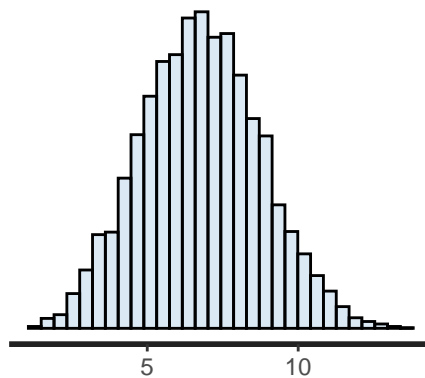
**t\_inter[11]**

Dec 28 Jan 04 Jan 11

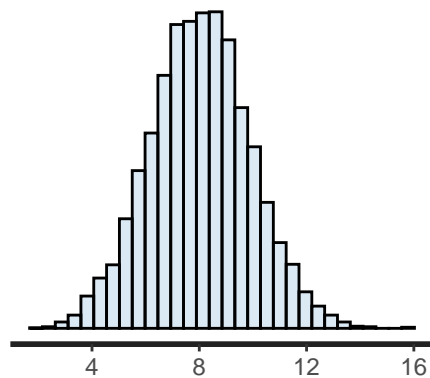
**len\_inter[1]**



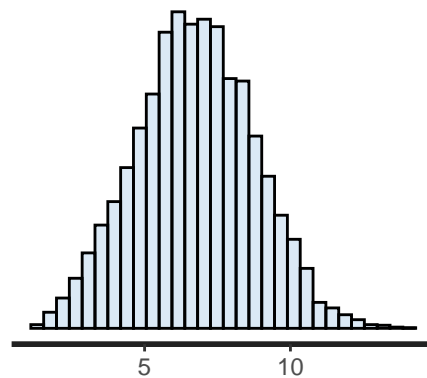
**len\_inter[2]**



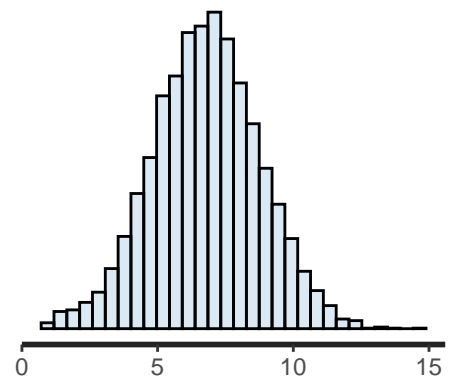
**len\_inter[3]**



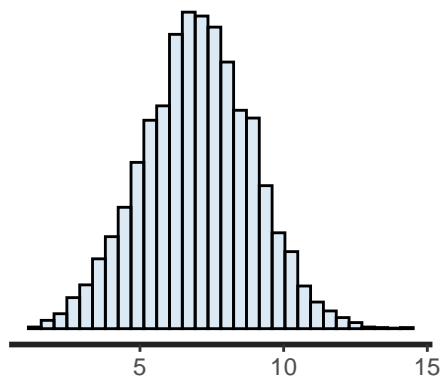
**len\_inter[4]**



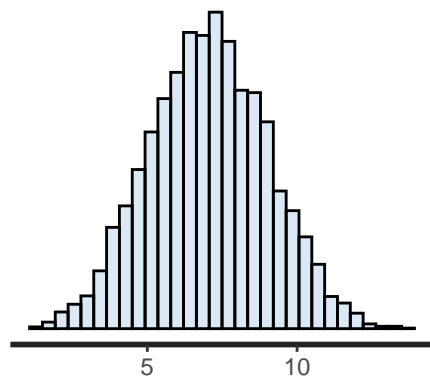
**len\_inter[5]**



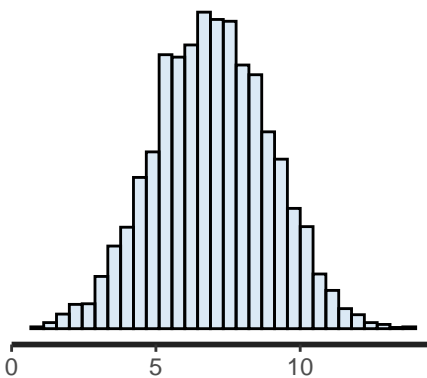
**len\_inter[6]**



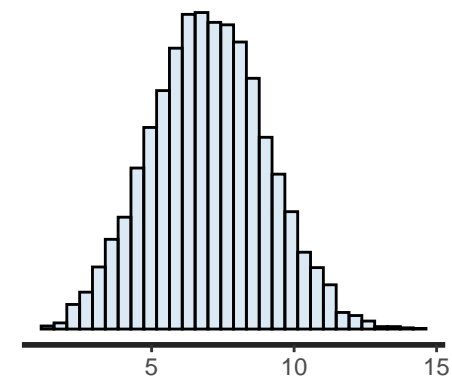
**len\_inter[7]**



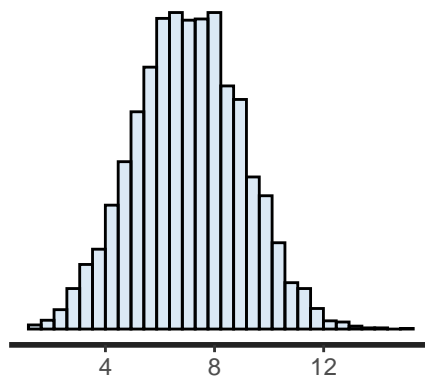
**len\_inter[8]**



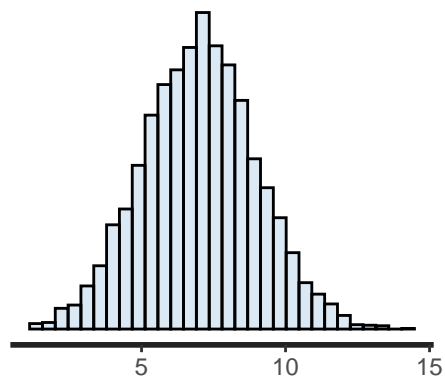
**len\_inter[9]**



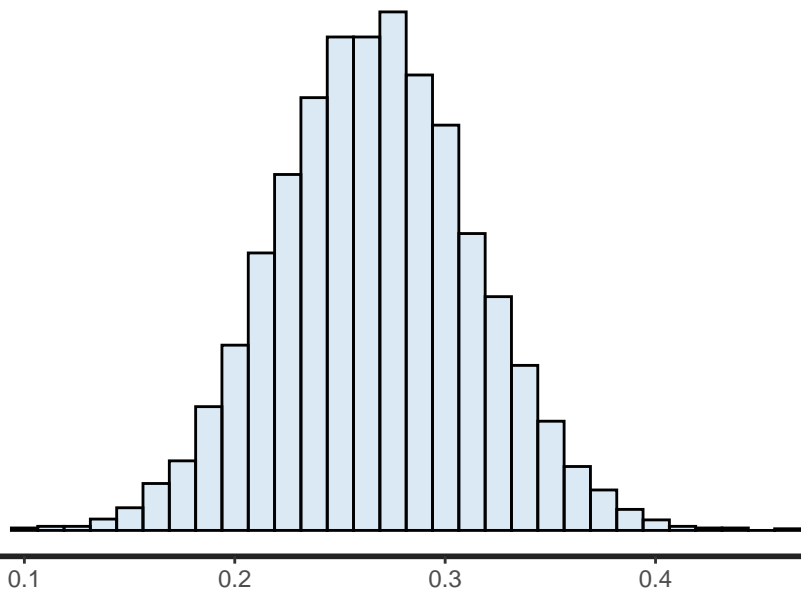
**len\_inter[10]**



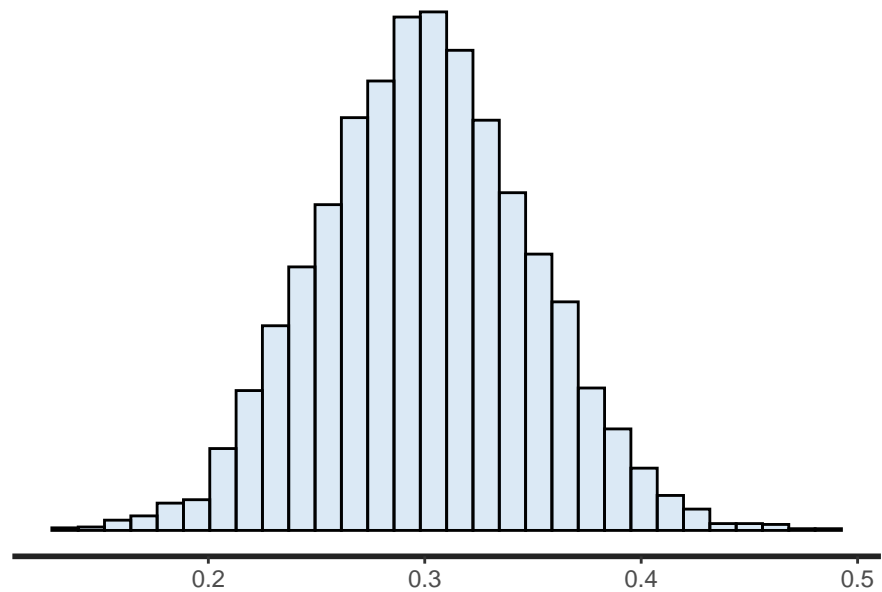
**len\_inter[11]**



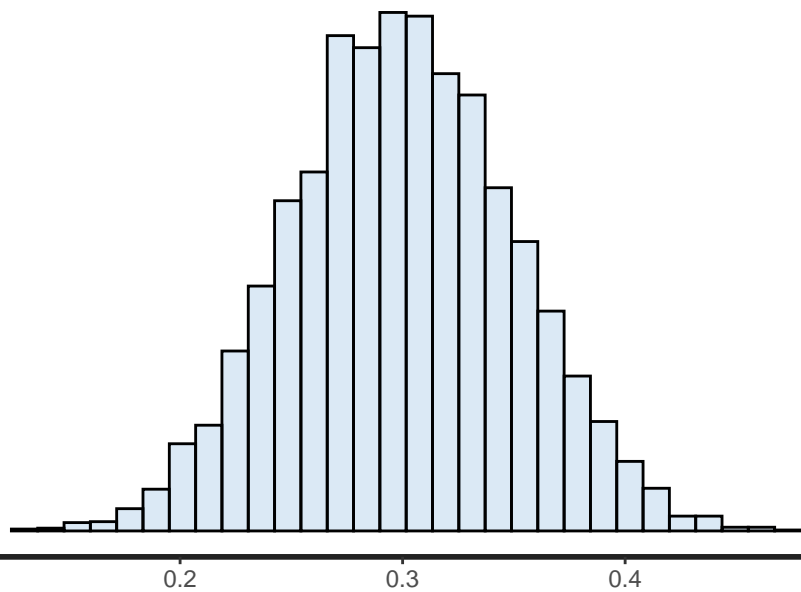
frac\_PUI[1]



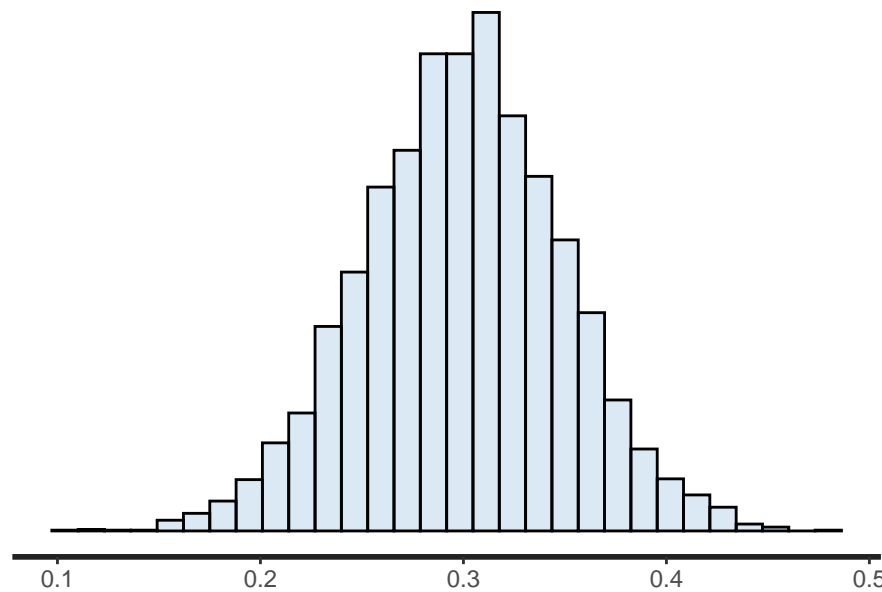
frac\_PUI[2]

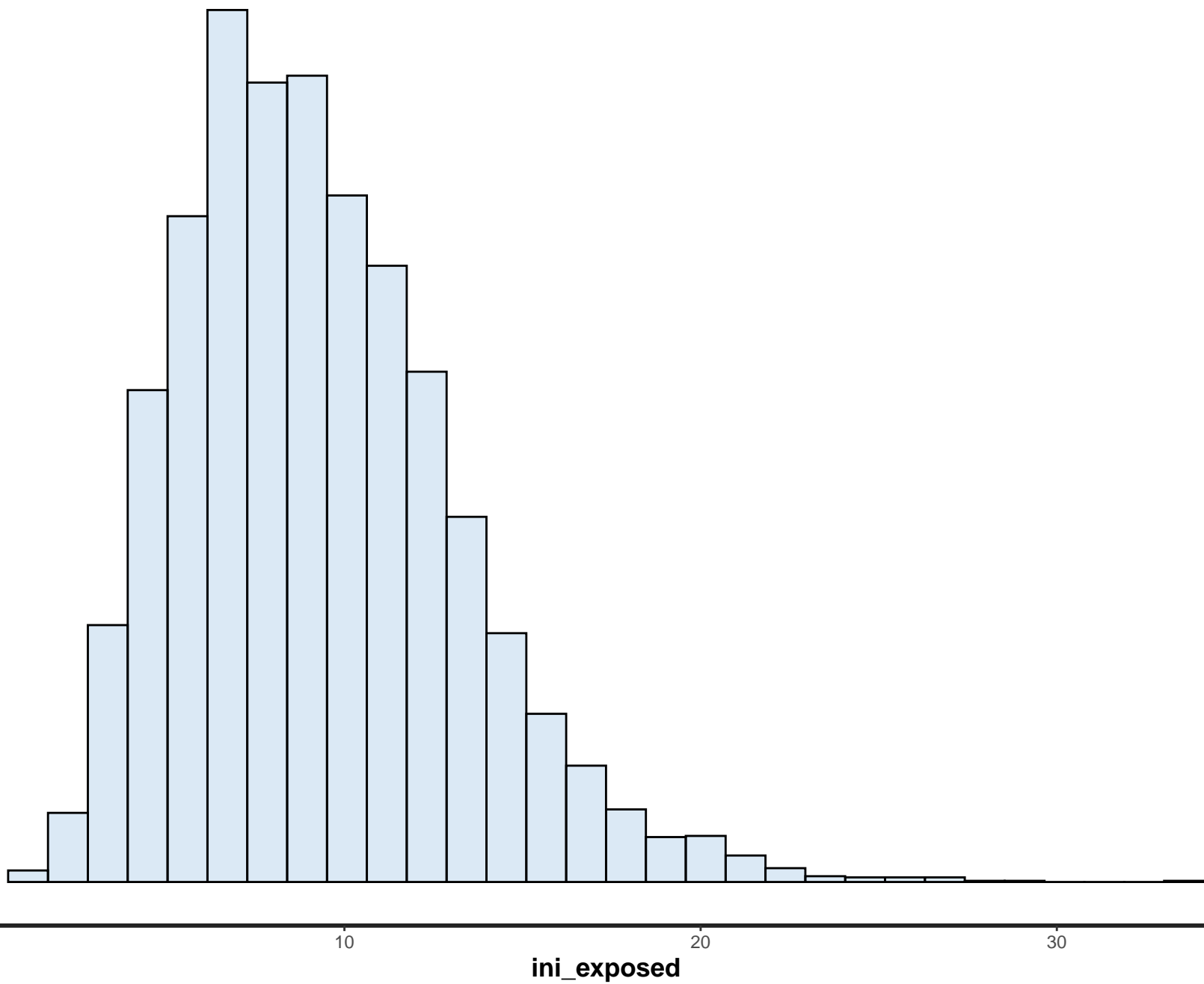


frac\_PUI[3]

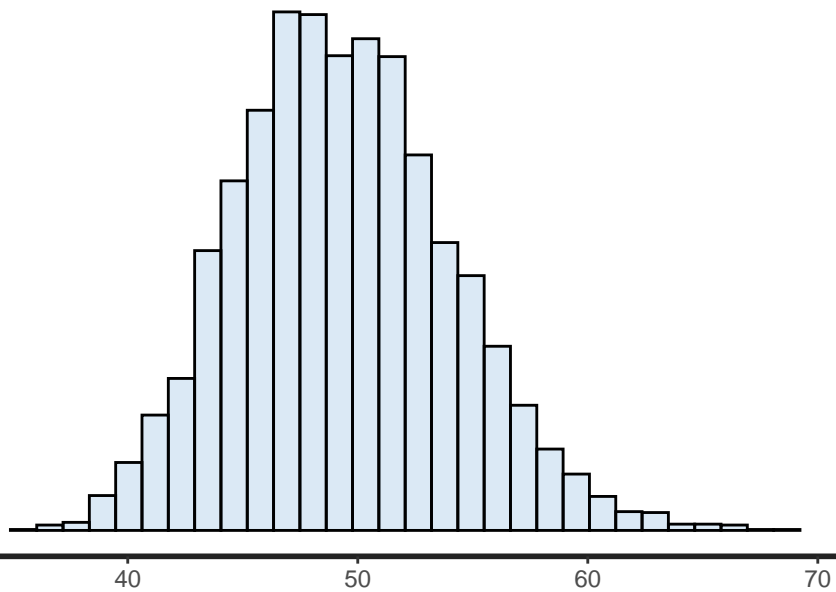


frac\_PUI[4]

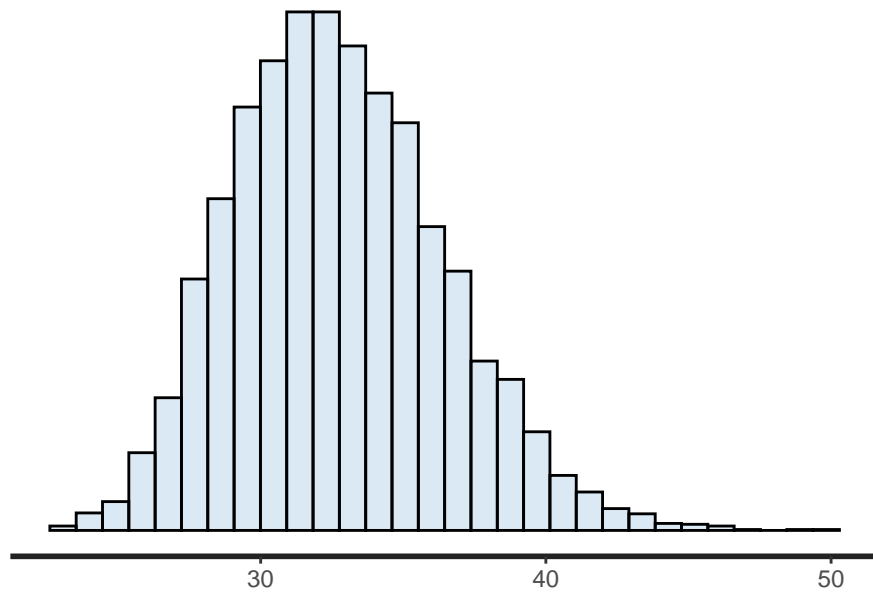




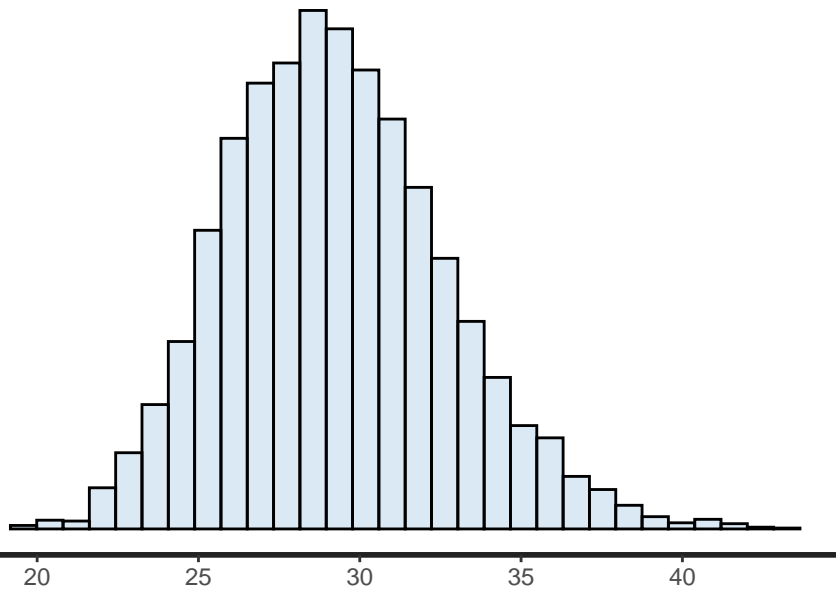
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

