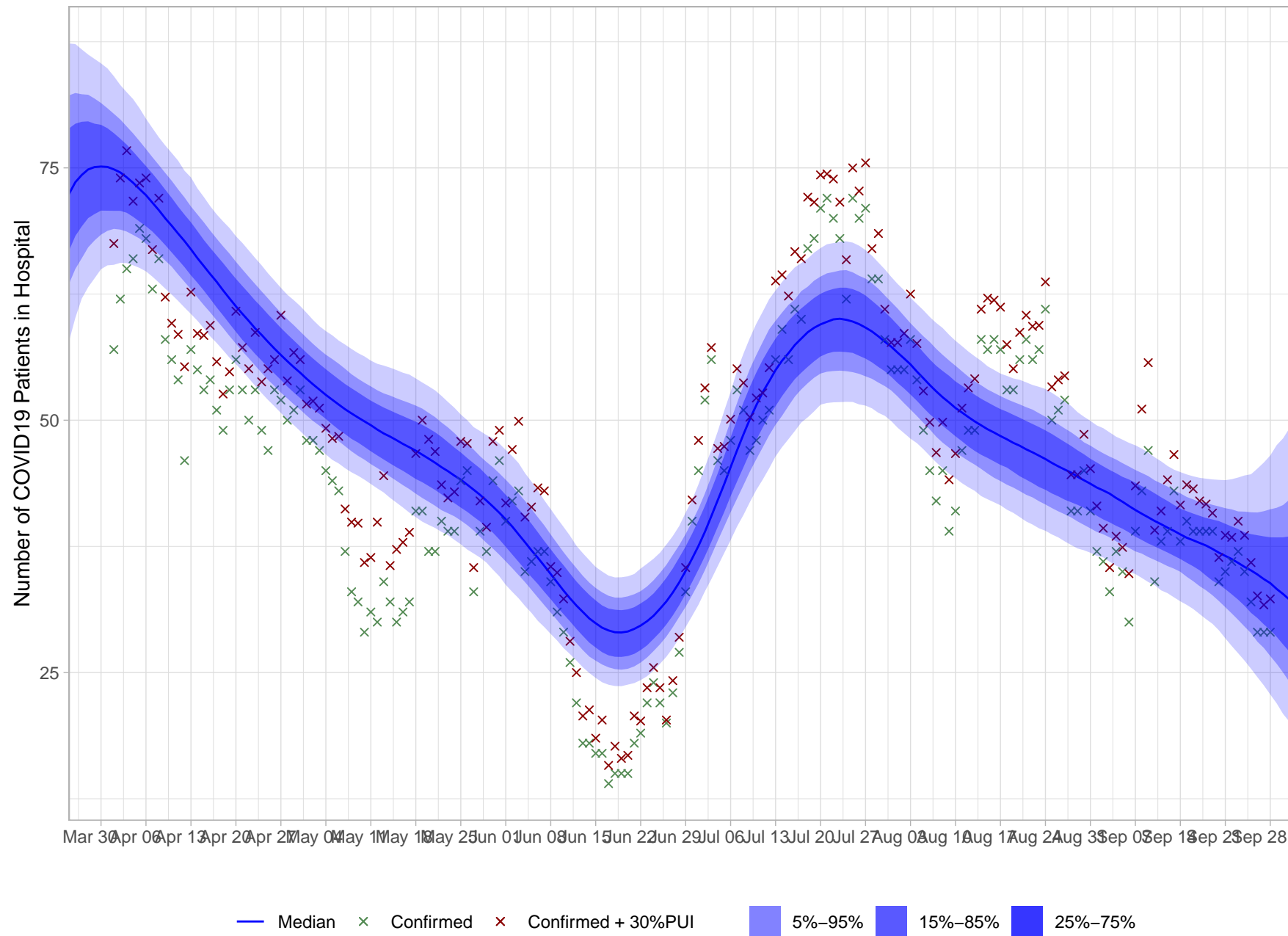
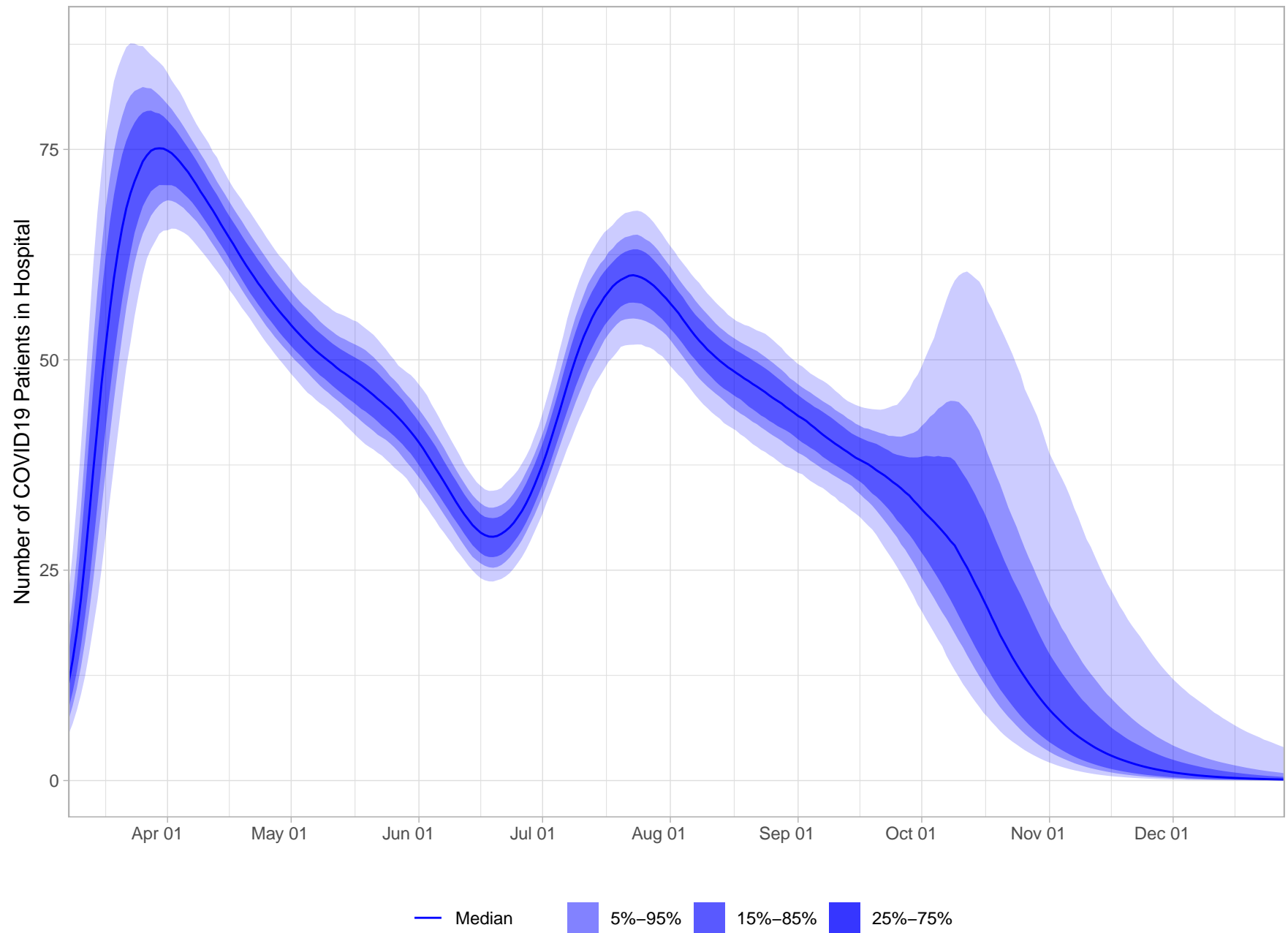


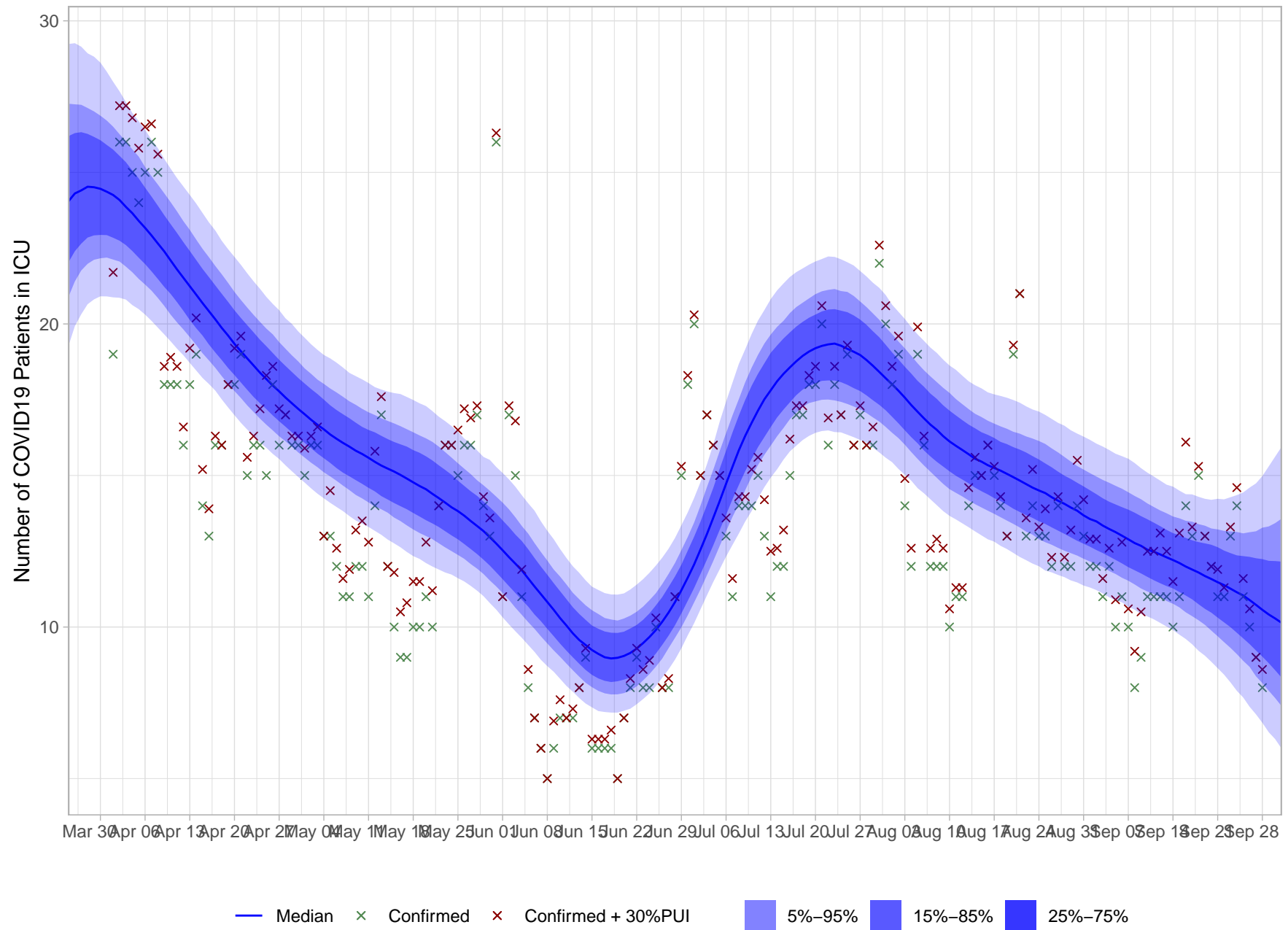
# Short Term Hospitalization Projection



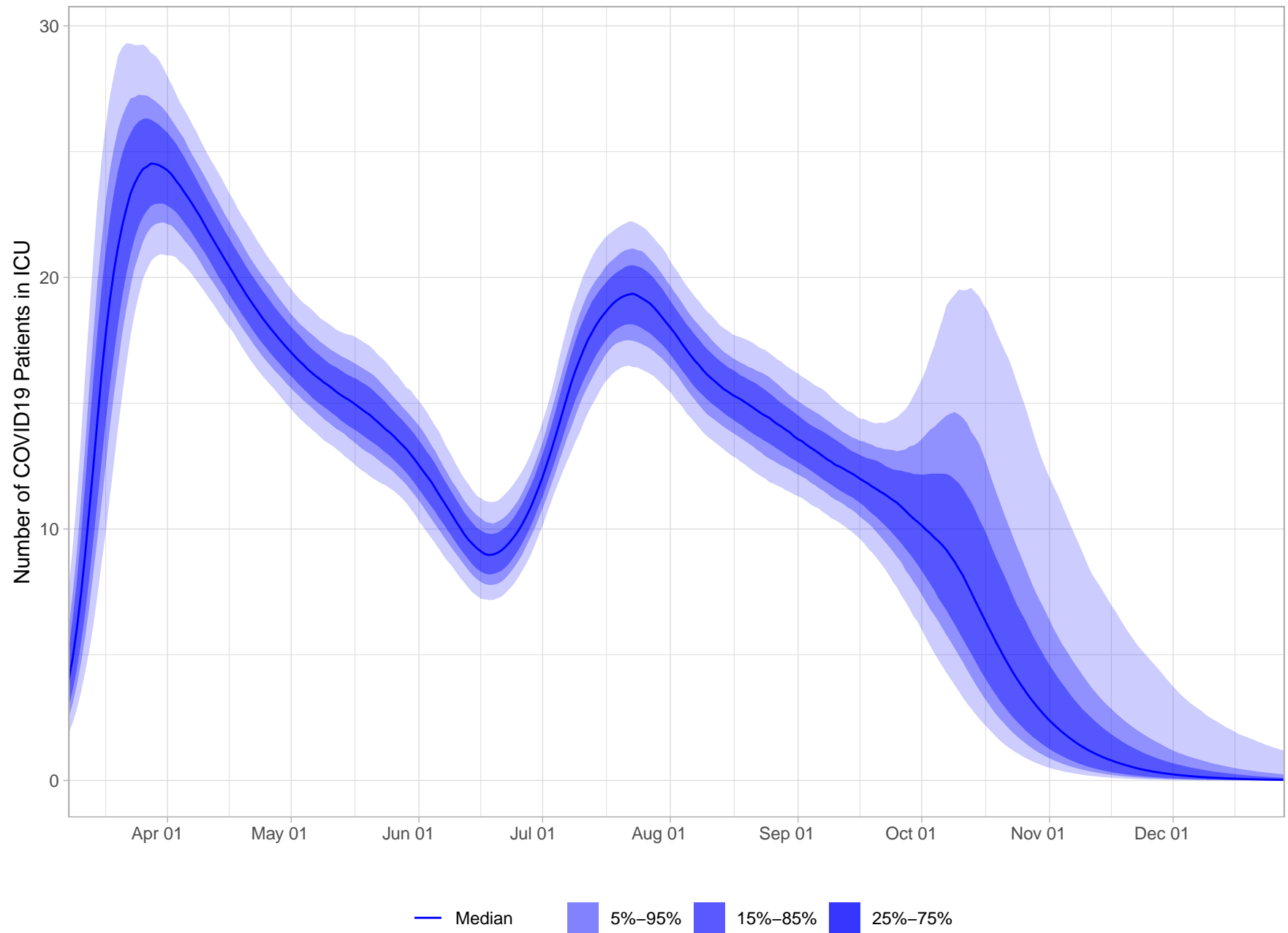
# Long Term Hospitalization Projection



# Short Term ICU Projection

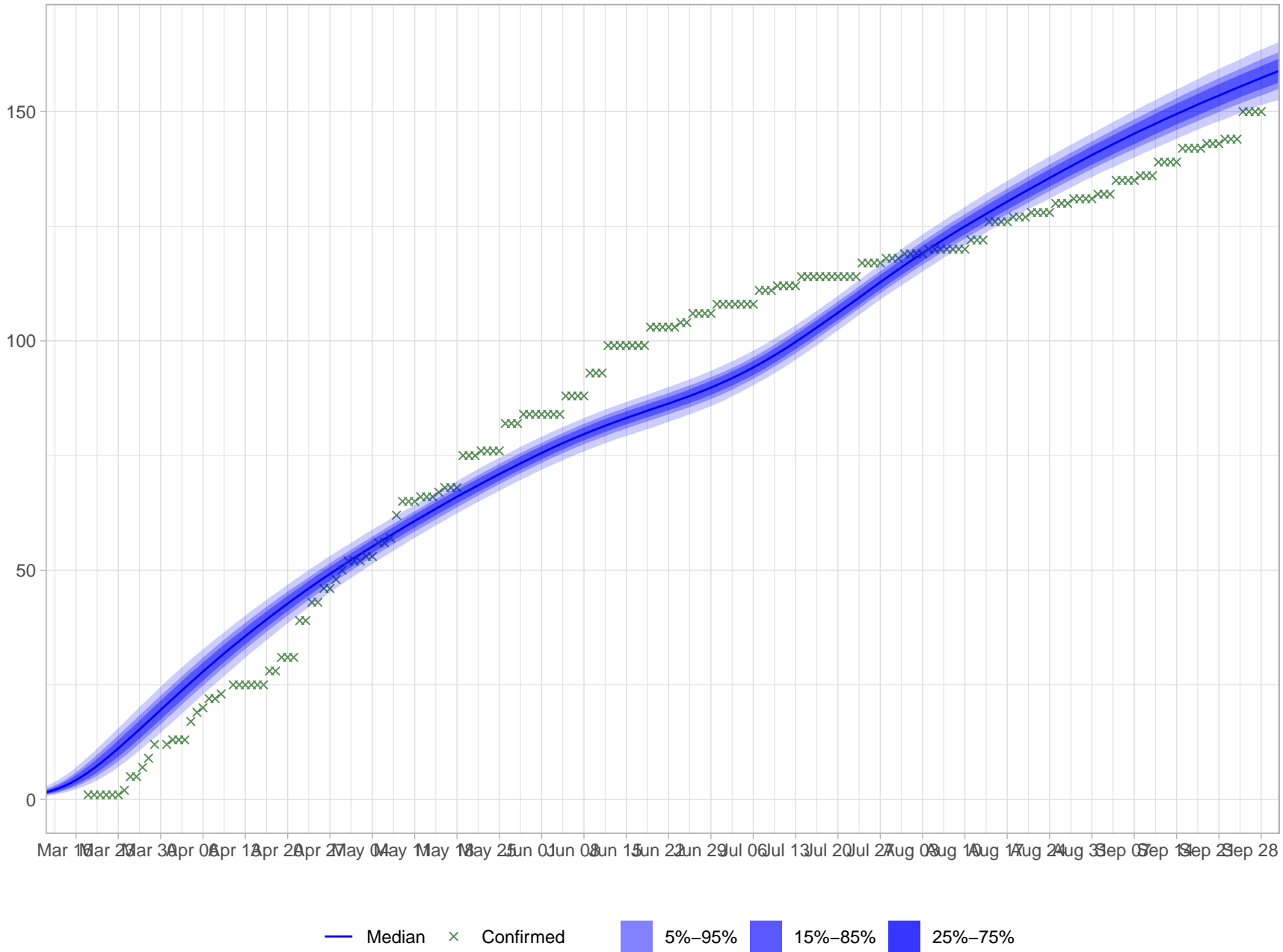


# Long Term ICU Projection



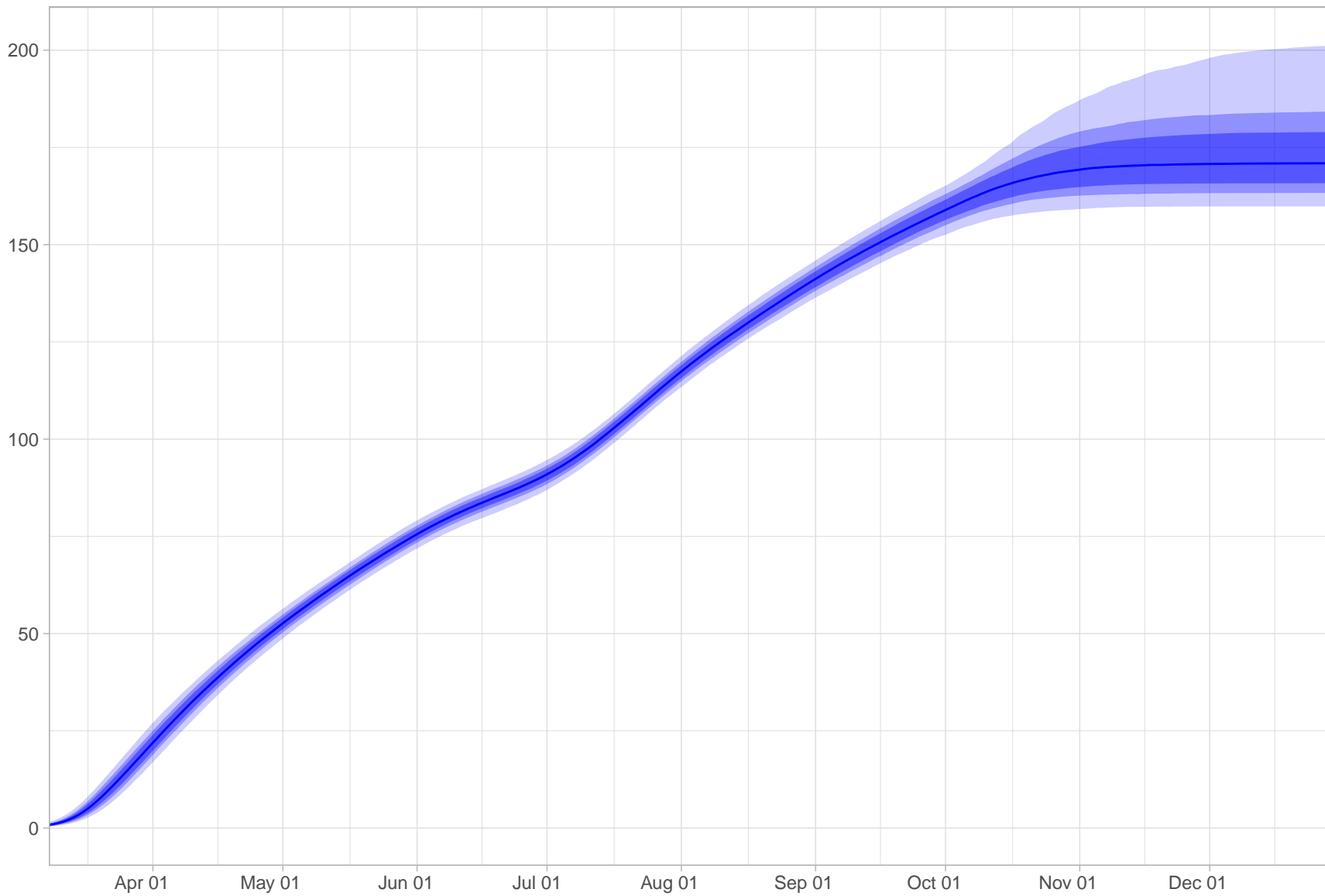
# Short Term Death Projection

Number of COVID19 Deaths



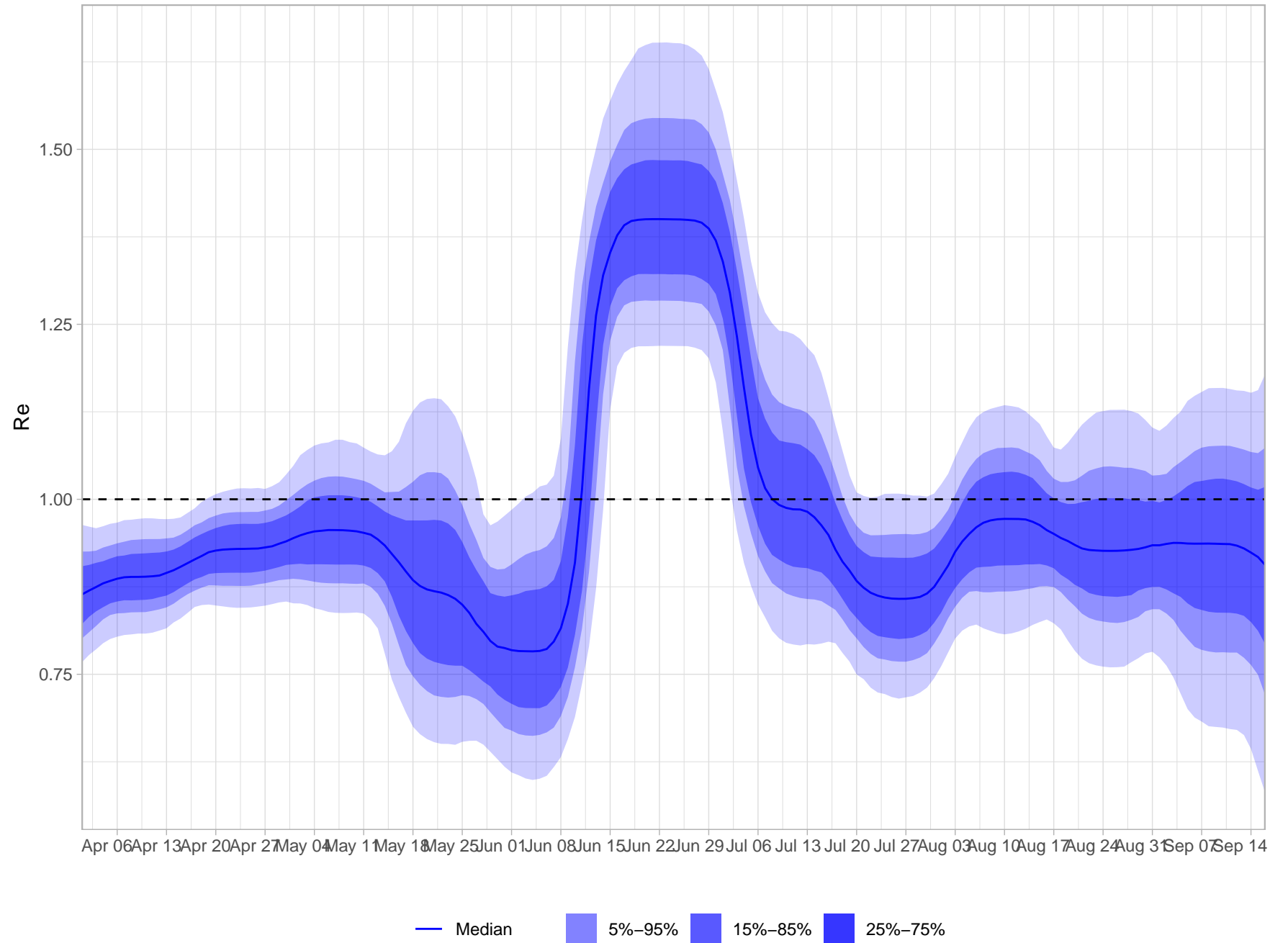
# Long Term Death Projection

Number of COVID19 Deaths



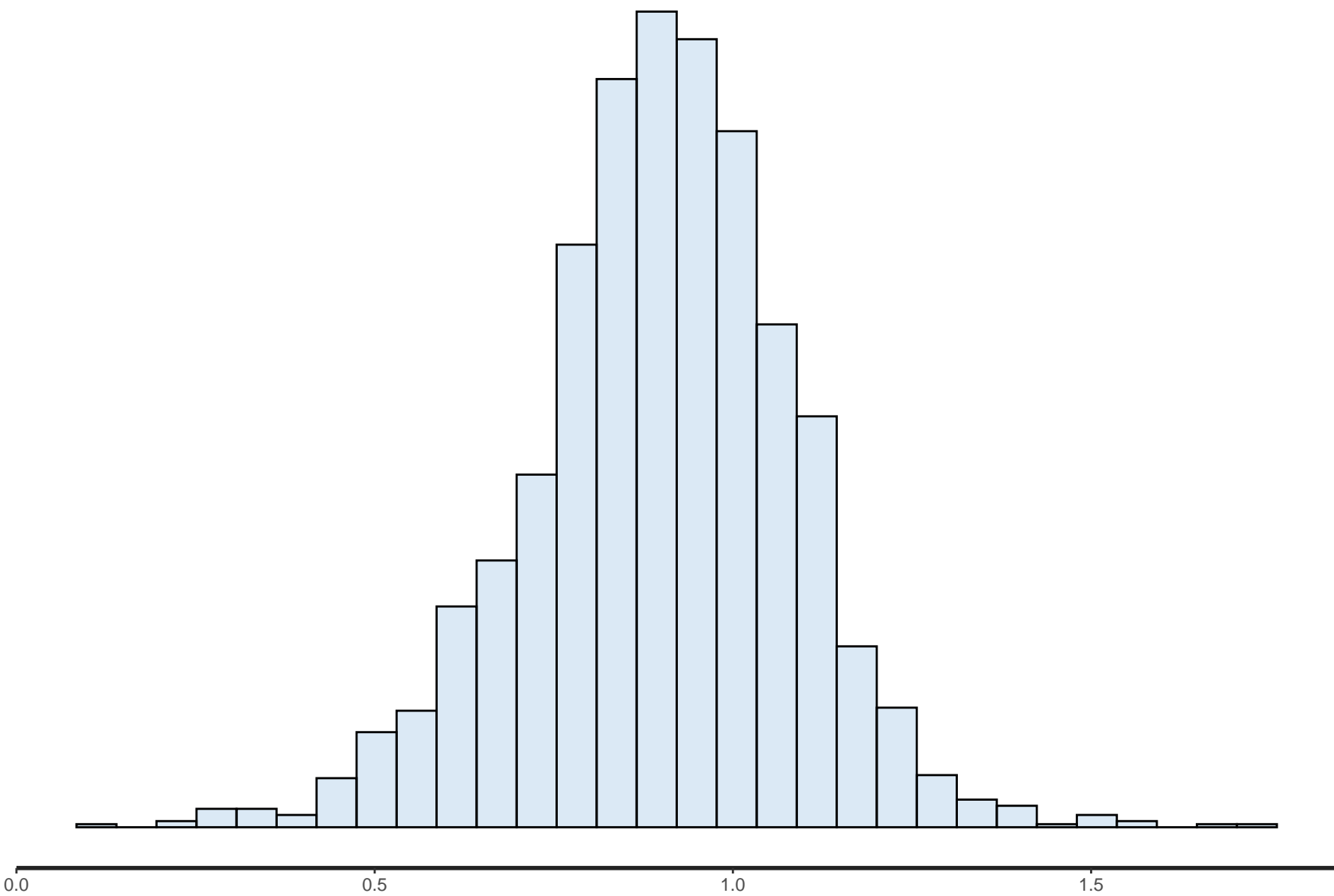
— Median    5%-95%    15%-85%    25%-75%

# Effective Reproduction Number

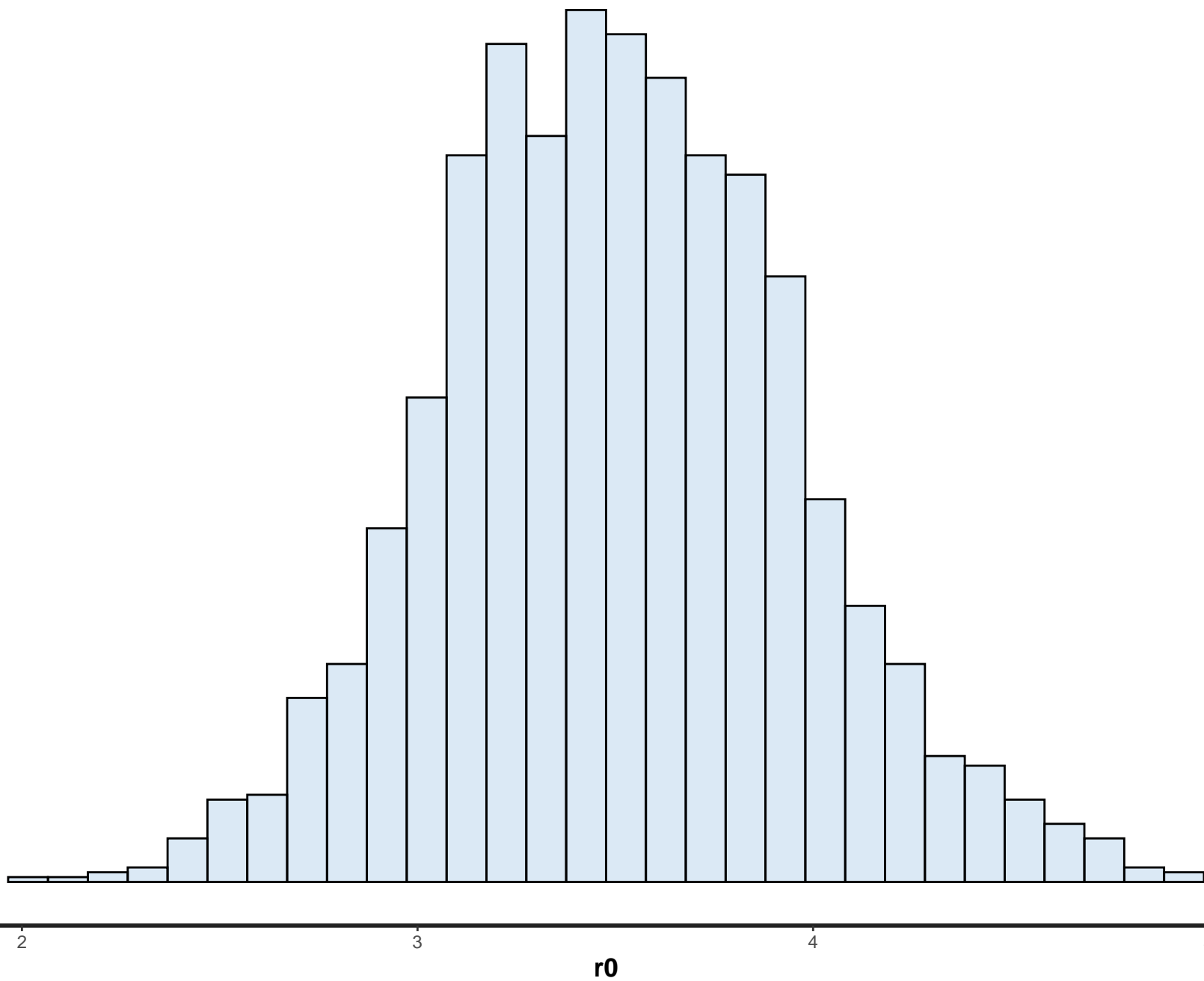


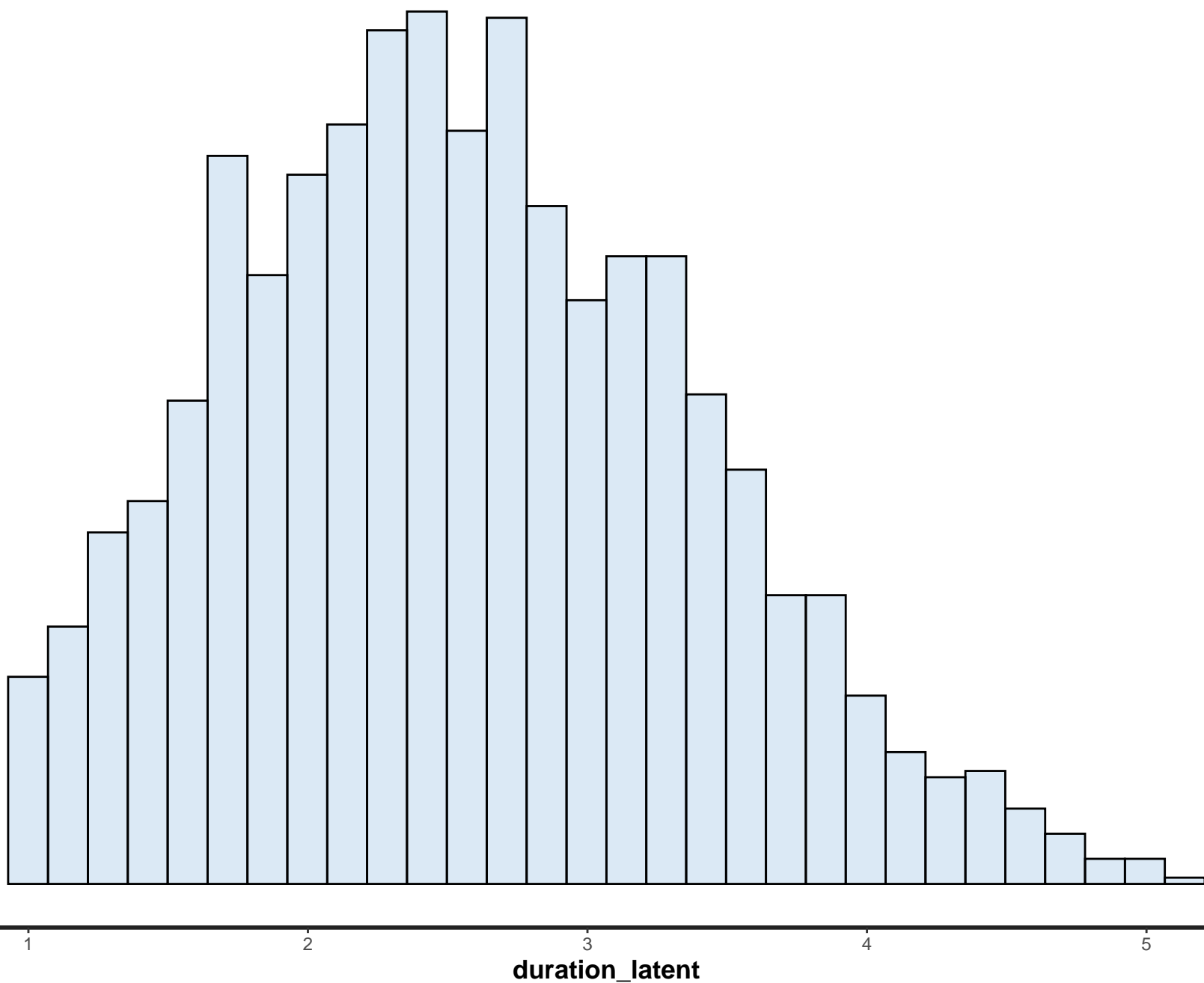
# Rt as of 2020-09-16

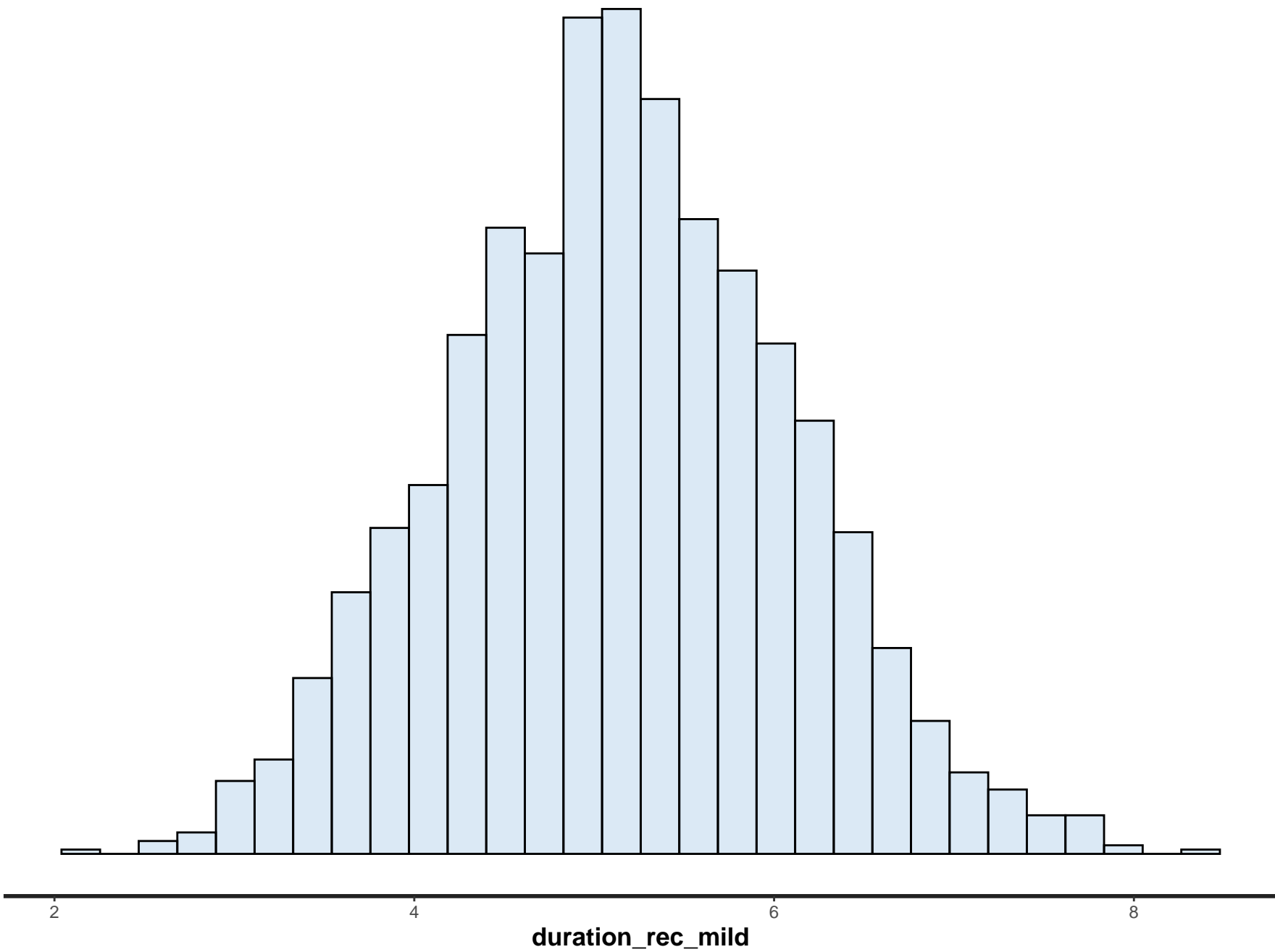
5%	10%	25%	50%	75%	90%	95%
0.58	0.66	0.79	0.91	1.02	1.11	1.18

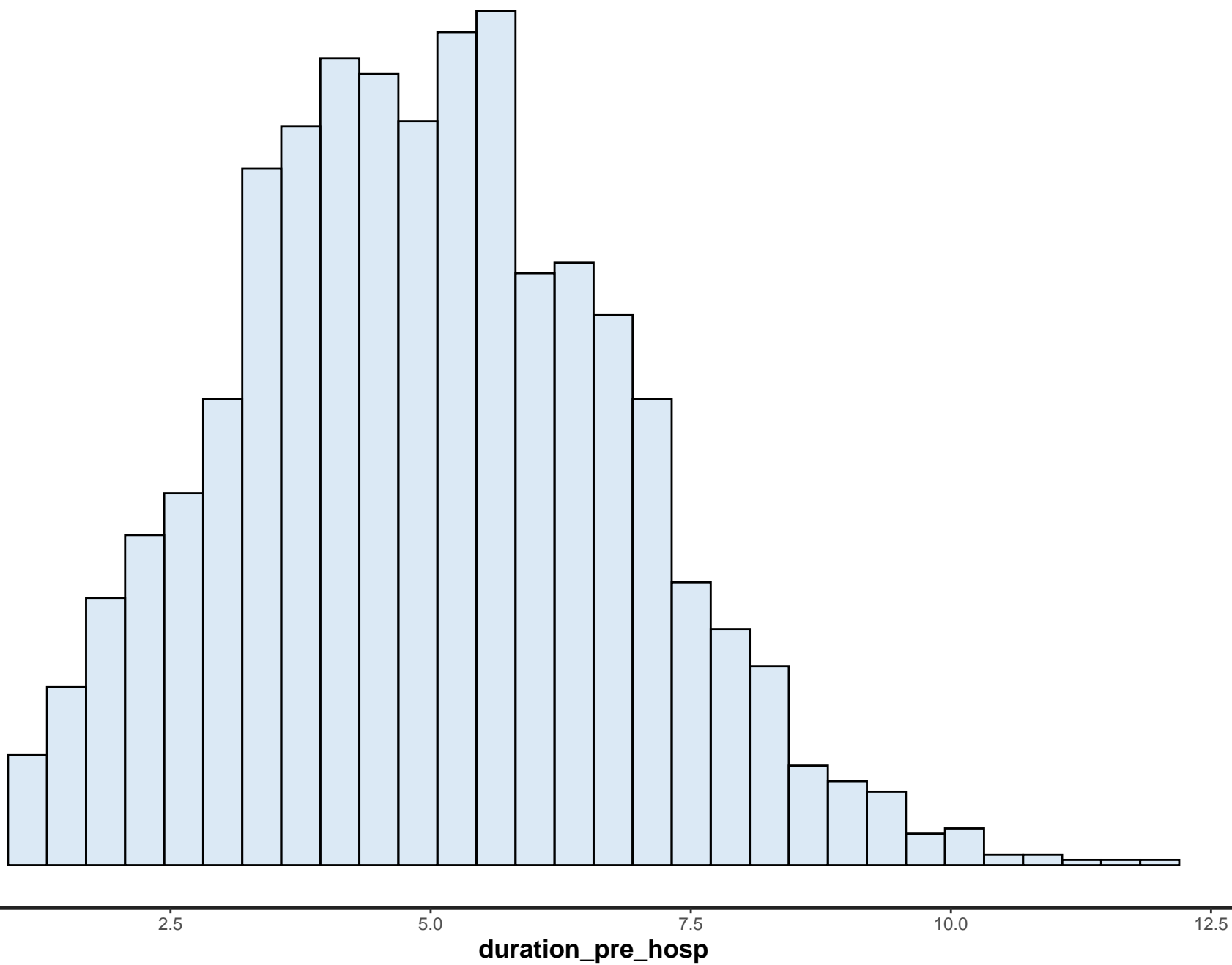


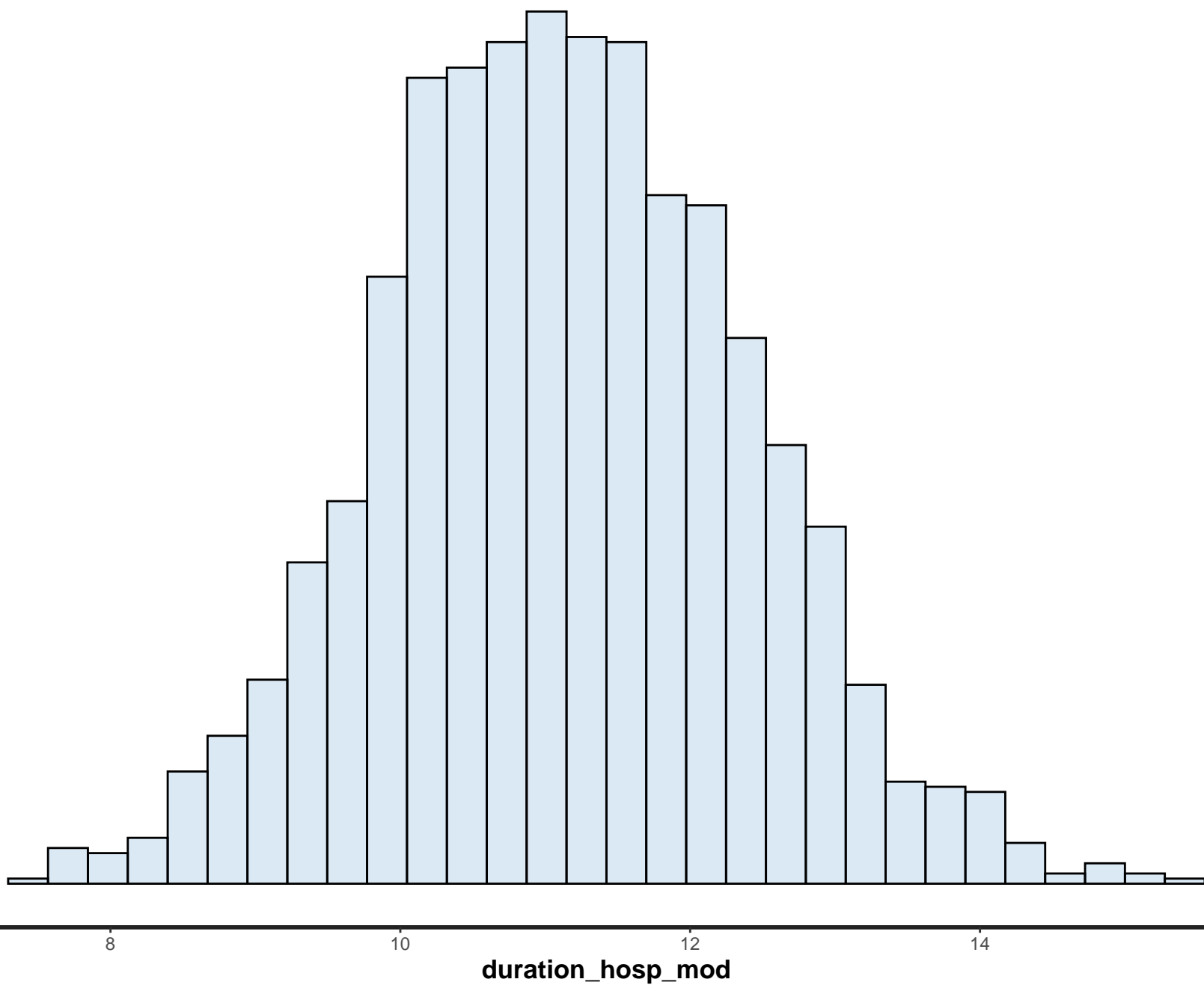


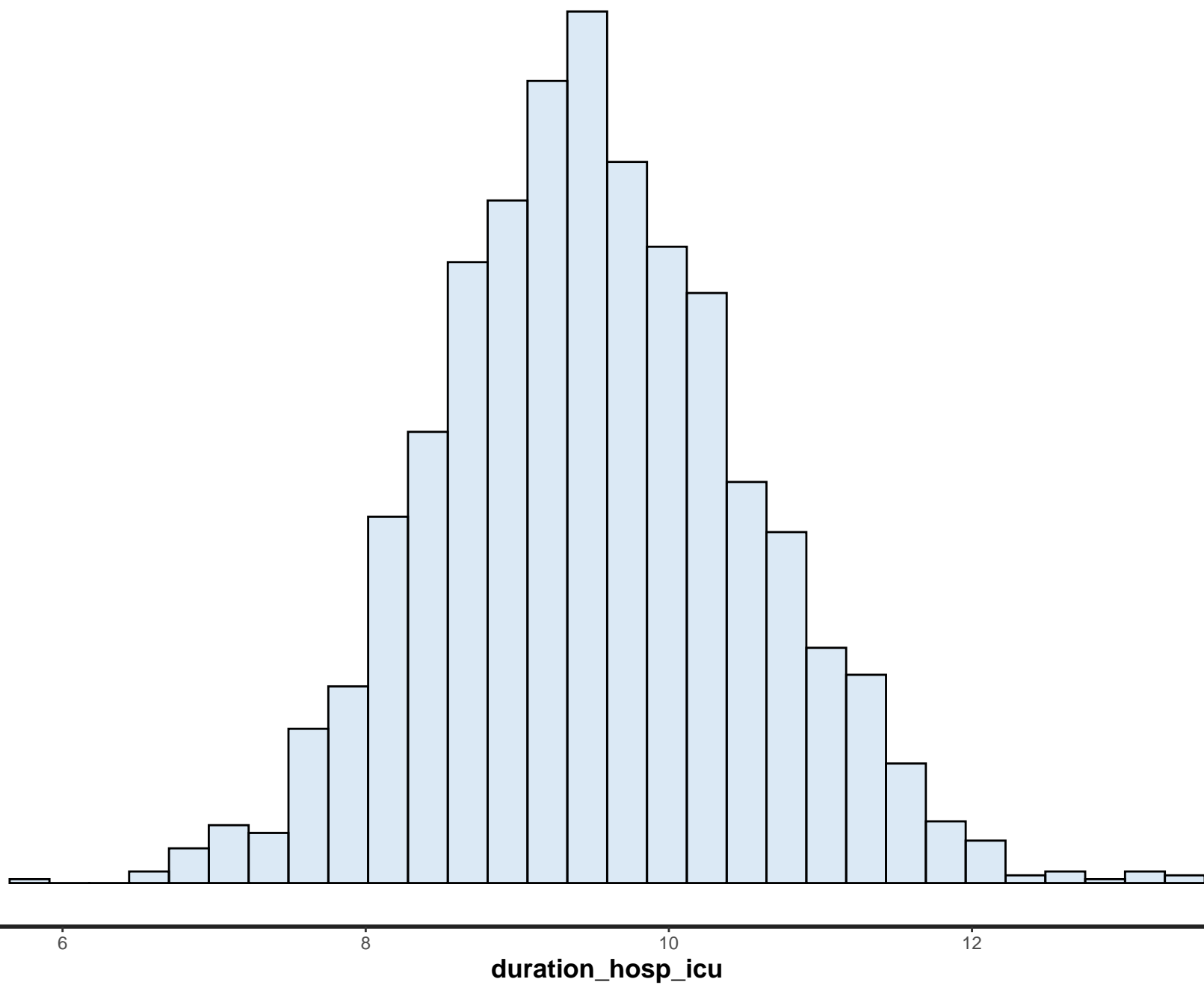


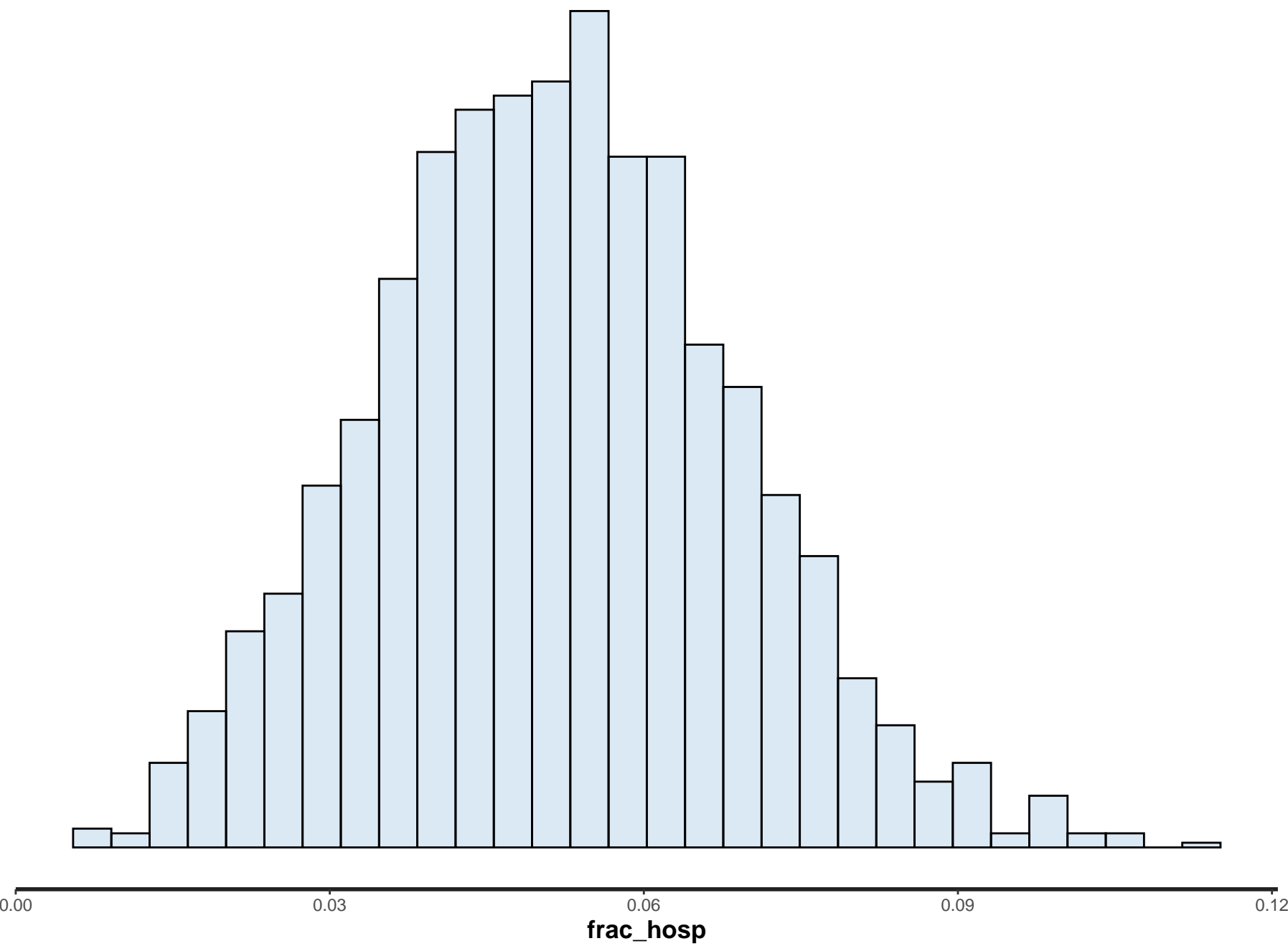


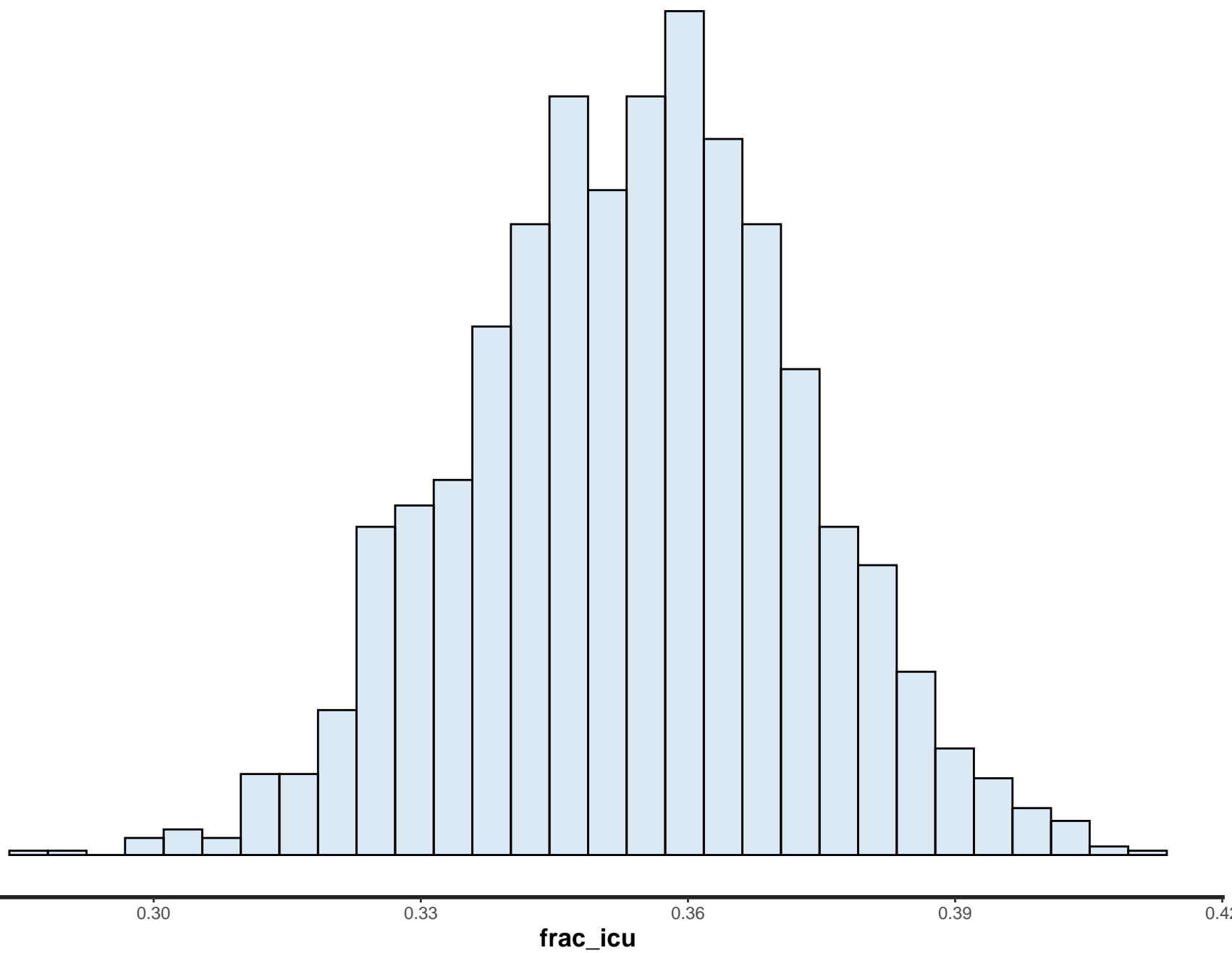




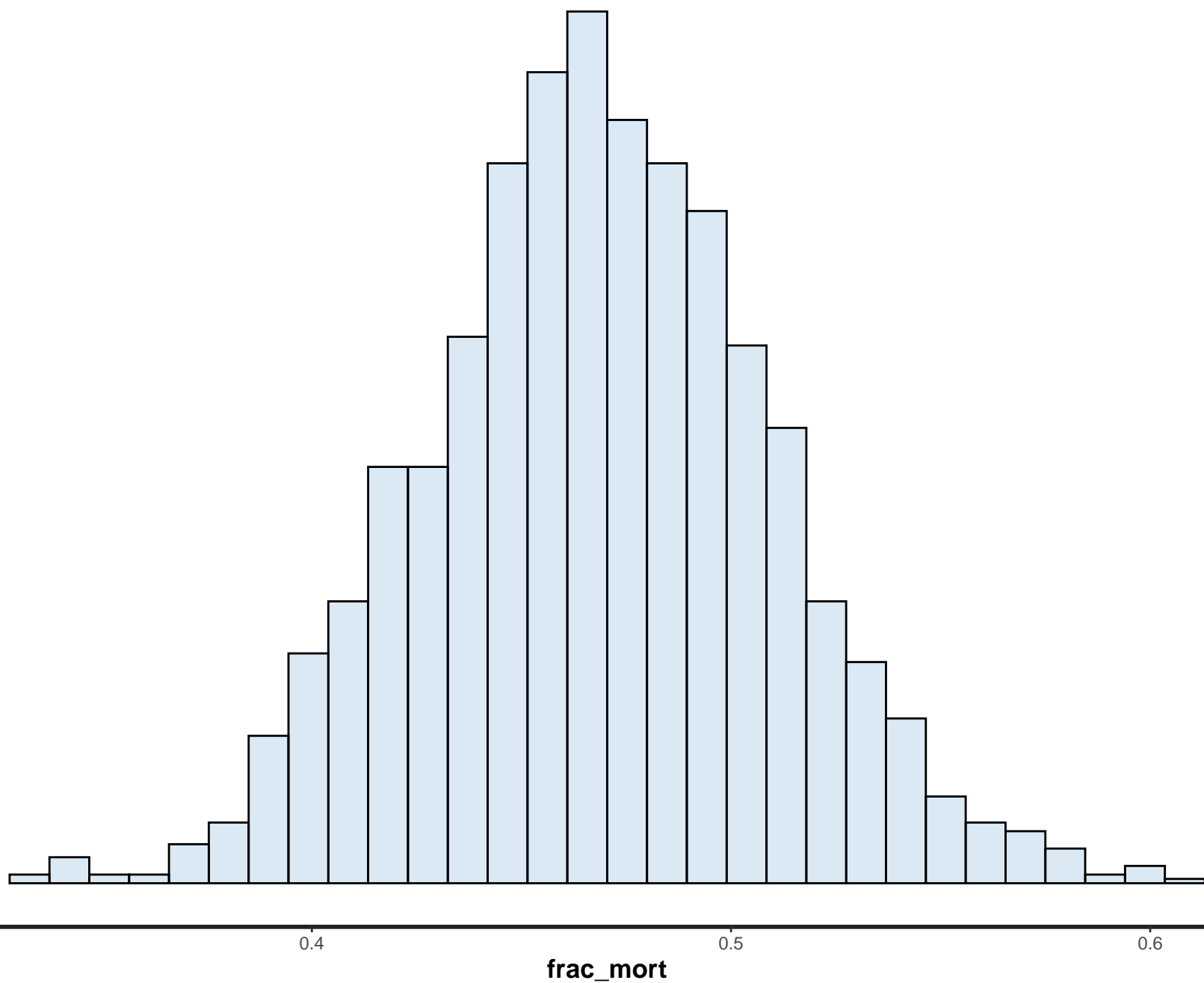


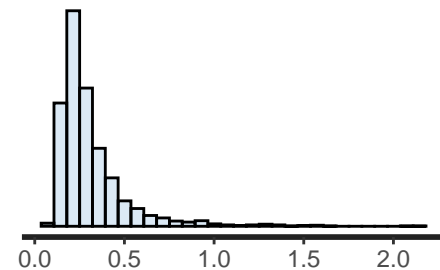
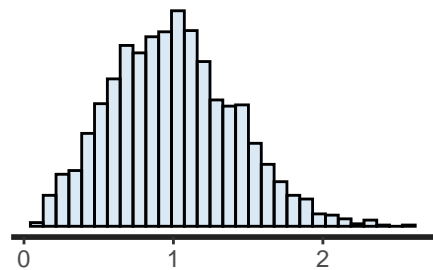
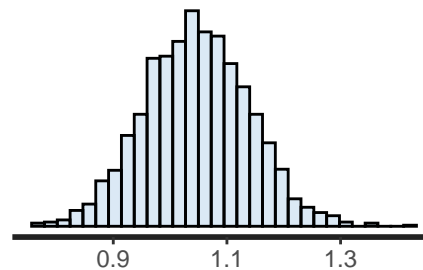
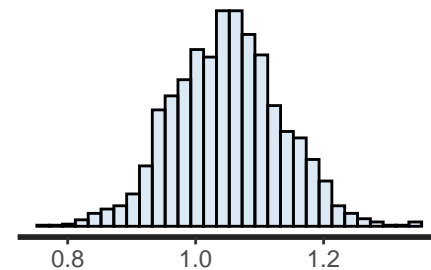
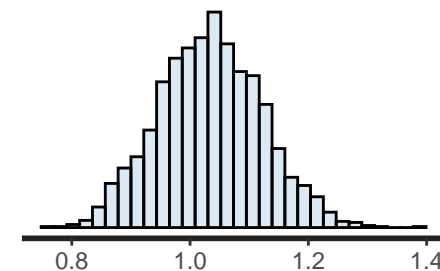
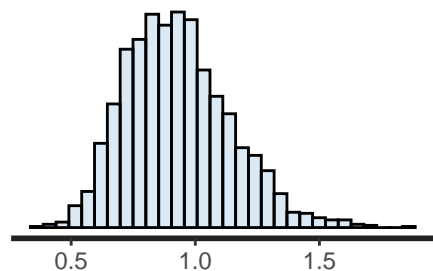
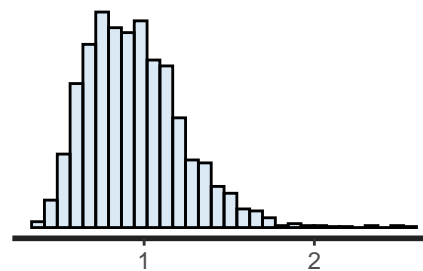
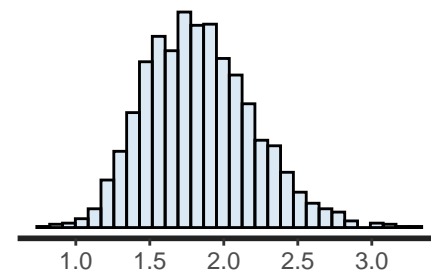
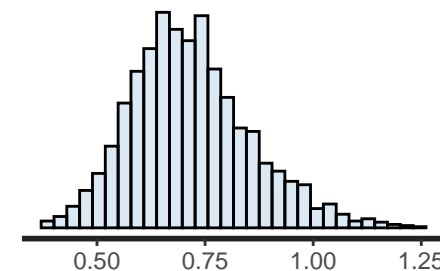
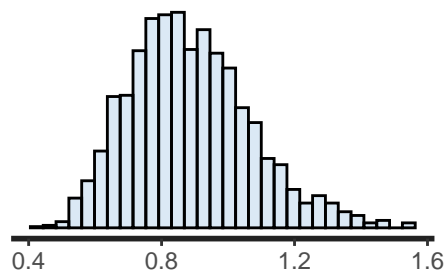
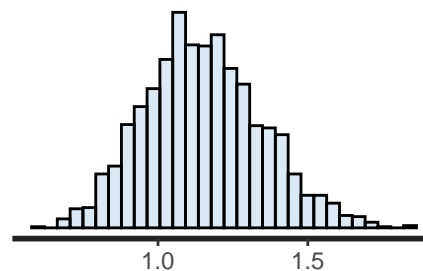
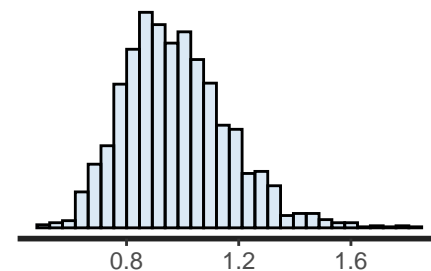
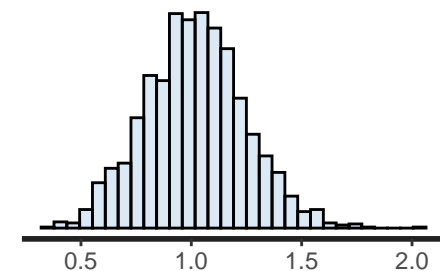
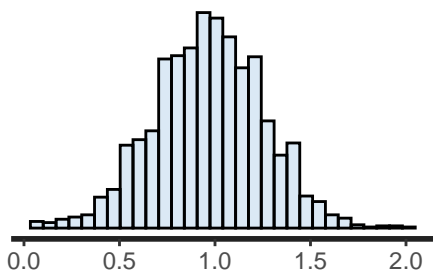
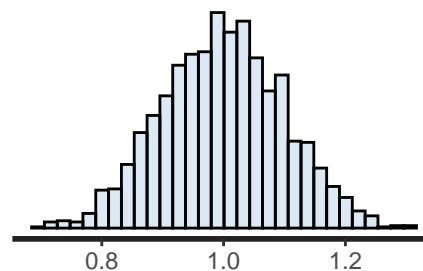
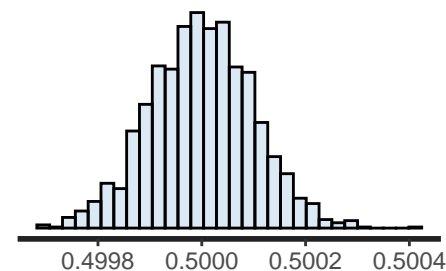


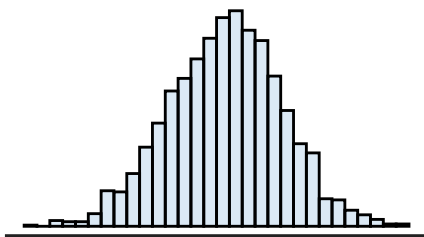




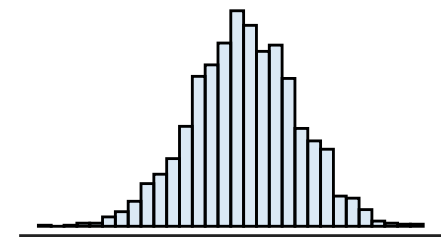




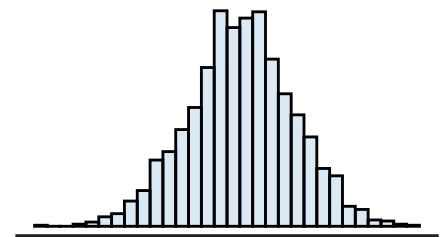
**beta\_multiplier[1]****beta\_multiplier[2]****beta\_multiplier[3]****beta\_multiplier[4]****beta\_multiplier[5]****beta\_multiplier[6]****beta\_multiplier[7]****beta\_multiplier[8]****beta\_multiplier[9]****beta\_multiplier[10]****beta\_multiplier[11]****beta\_multiplier[12]****beta\_multiplier[13]****beta\_multiplier[14]****beta\_multiplier[15]****beta\_multiplier[16]**

**t\_inter[1]**

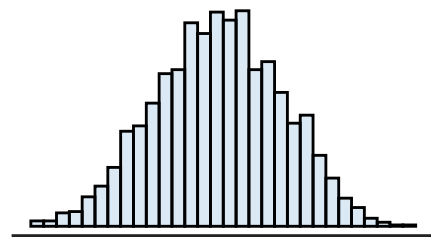
Mar 02 Mar 04 Mar 06 Mar 08 Mar 10 Mar 12

**t\_inter[2]**

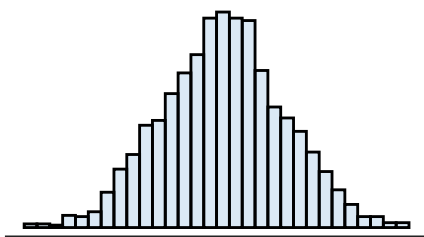
Mar 09 Mar 16 Mar 23

**t\_inter[3]**

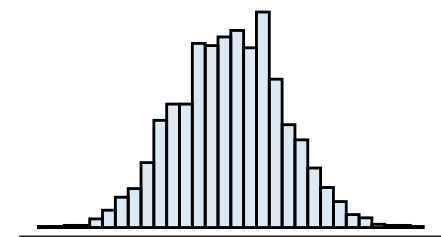
Mar 23 Mar 30 Apr 06

**t\_inter[4]**

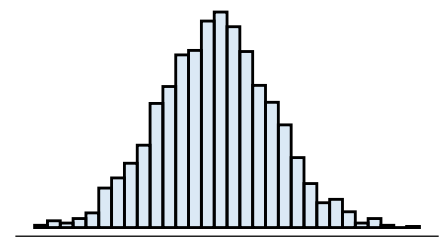
Apr 08 Apr 10 Apr 12 Apr 14 Apr 16 Apr 18

**t\_inter[5]**

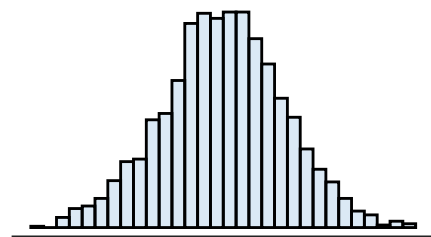
Apr 22 Apr 24 Apr 26 Apr 28 Apr 30 May 02

**t\_inter[6]**

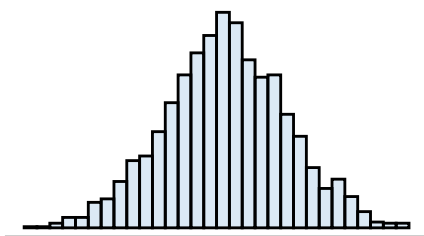
May 04 May 11 May 18

**t\_inter[7]**

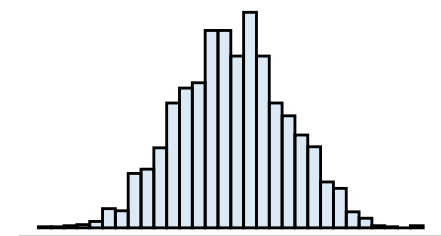
May 18 May 25 Jun 01

**t\_inter[8]**

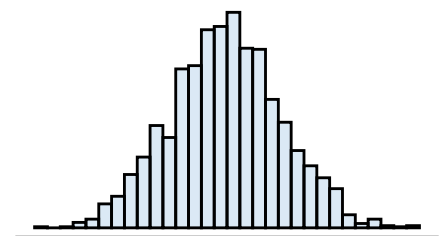
Jun 03 Jun 05 Jun 07 Jun 09 Jun 11 Jun 13

**t\_inter[9]**

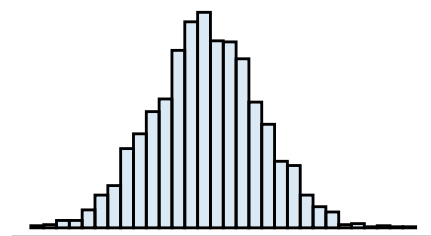
Jun 29 Jul 06

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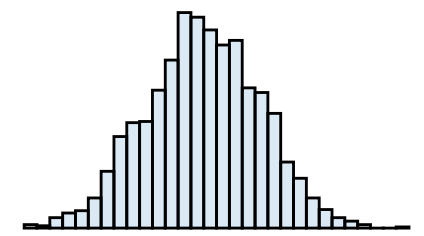
Jul 13 Jul 20

**t\_inter[11]**

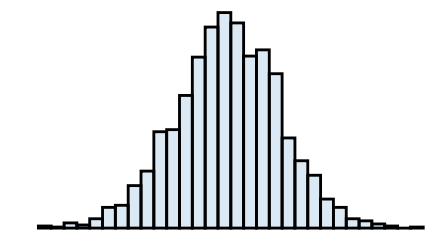
Jul 27 Aug 03

**t\_inter[12]**

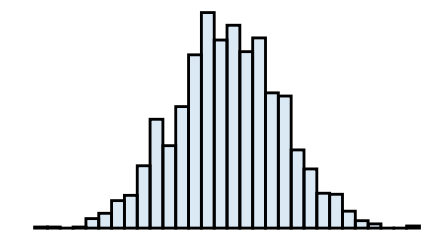
Aug 10 Aug 17

**t\_inter[13]**

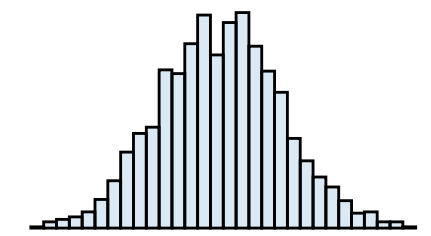
Aug 24 Aug 31

**t\_inter[14]**

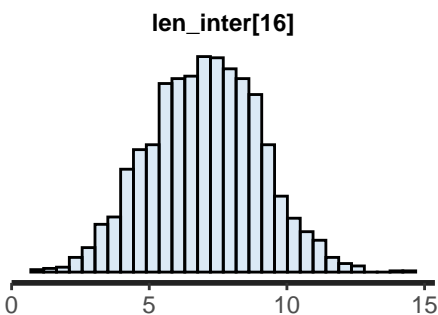
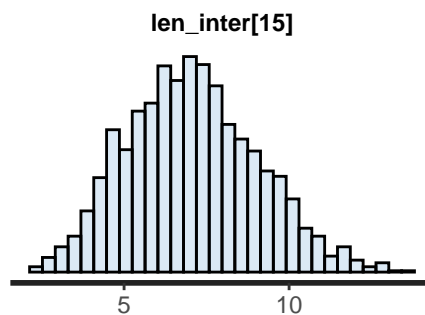
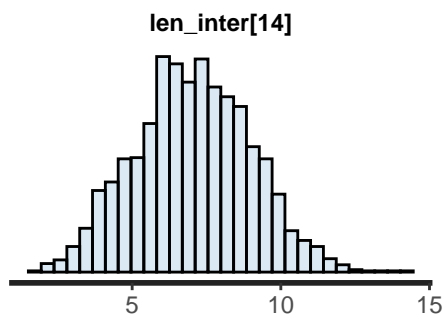
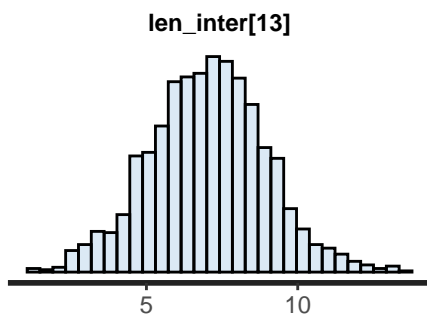
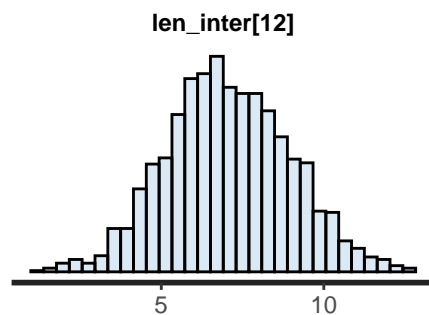
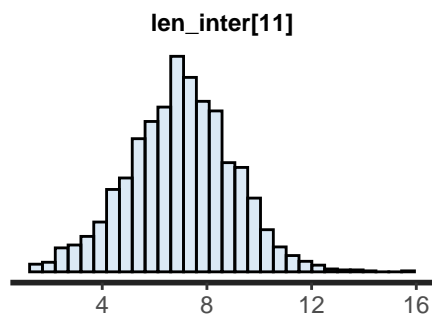
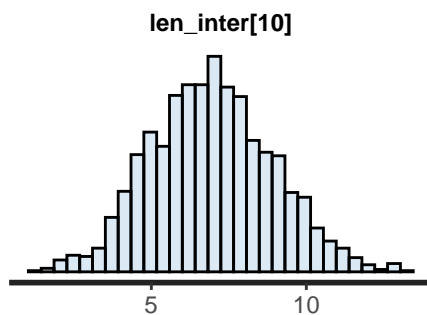
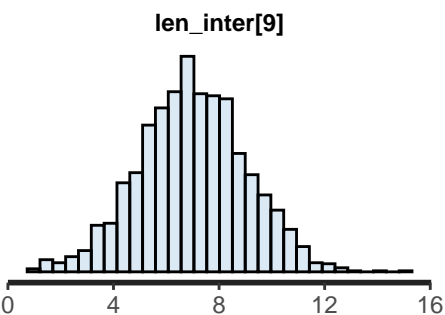
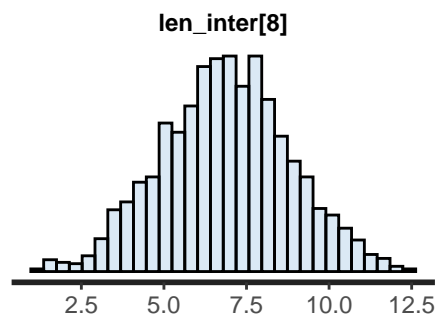
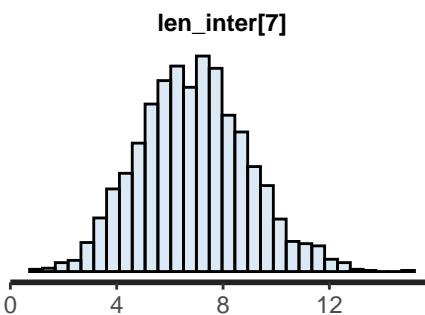
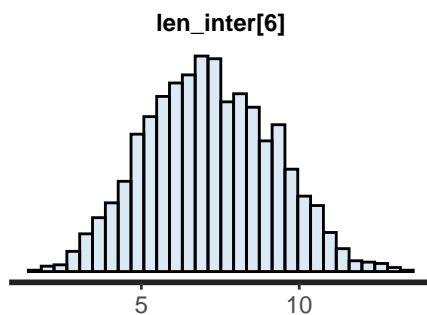
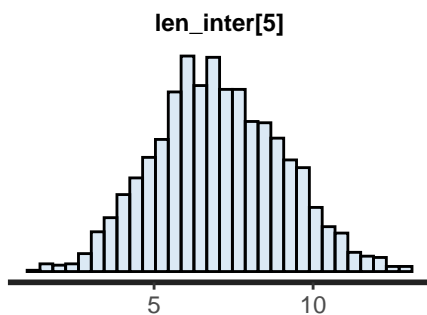
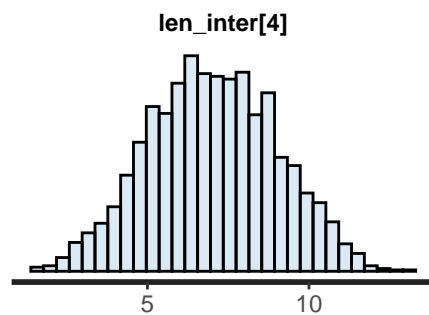
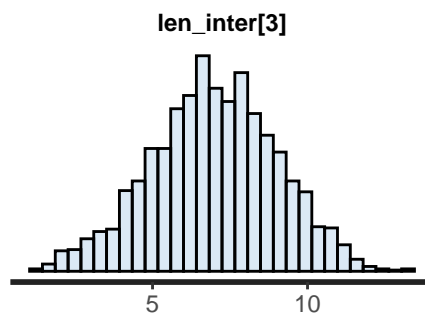
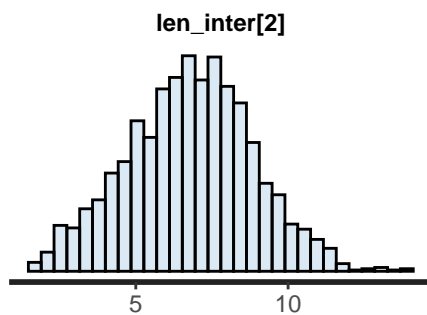
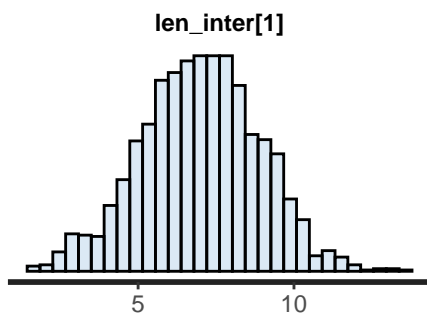
Sep 07 Sep 14

**t\_inter[15]**

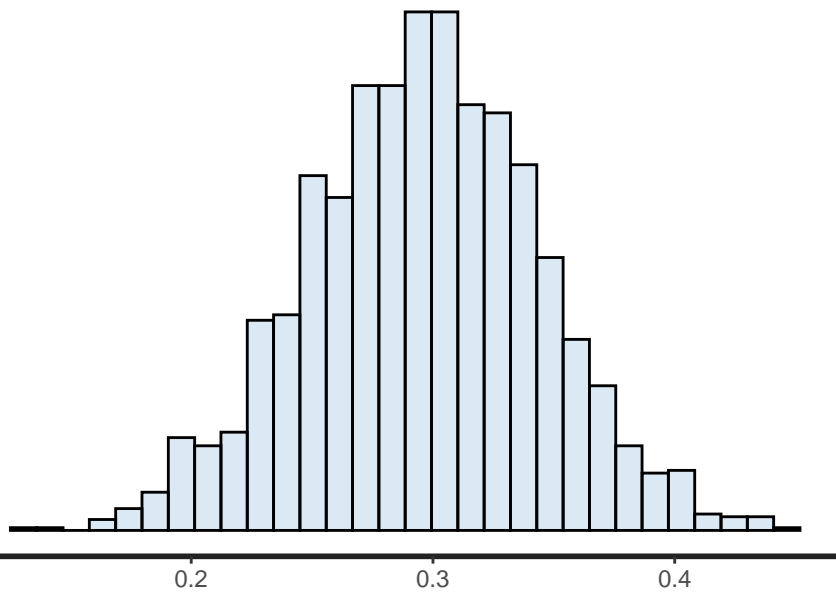
Sep 21 Sep 28 Oct 05

**t\_inter[16]**

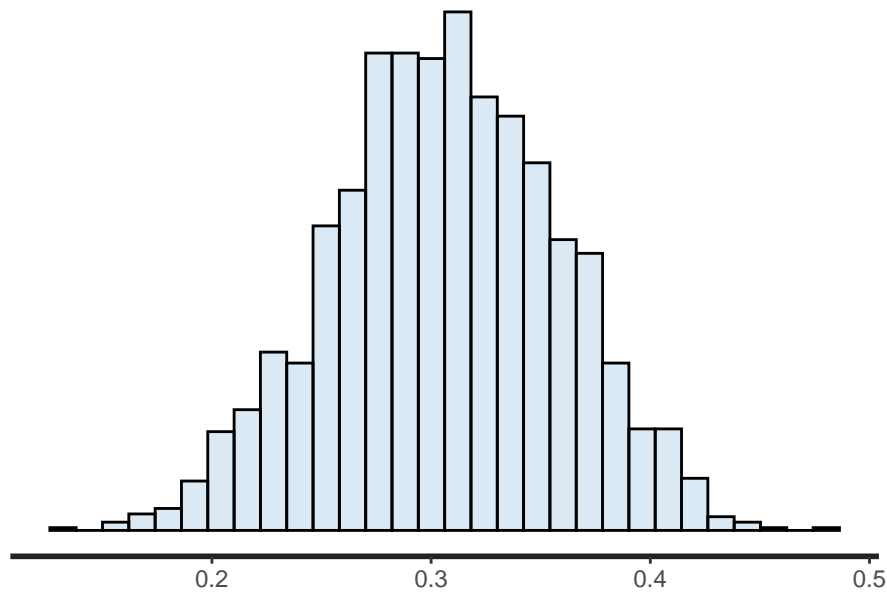
Oct 01



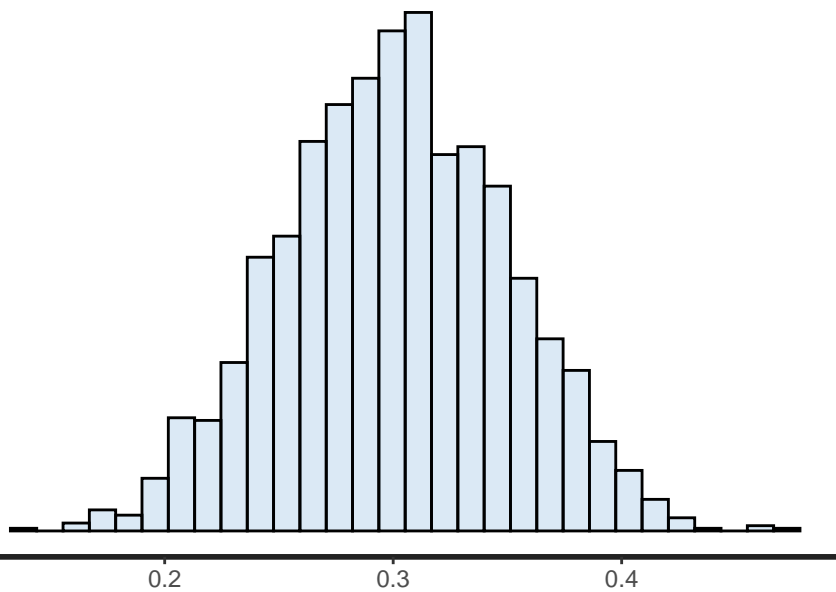
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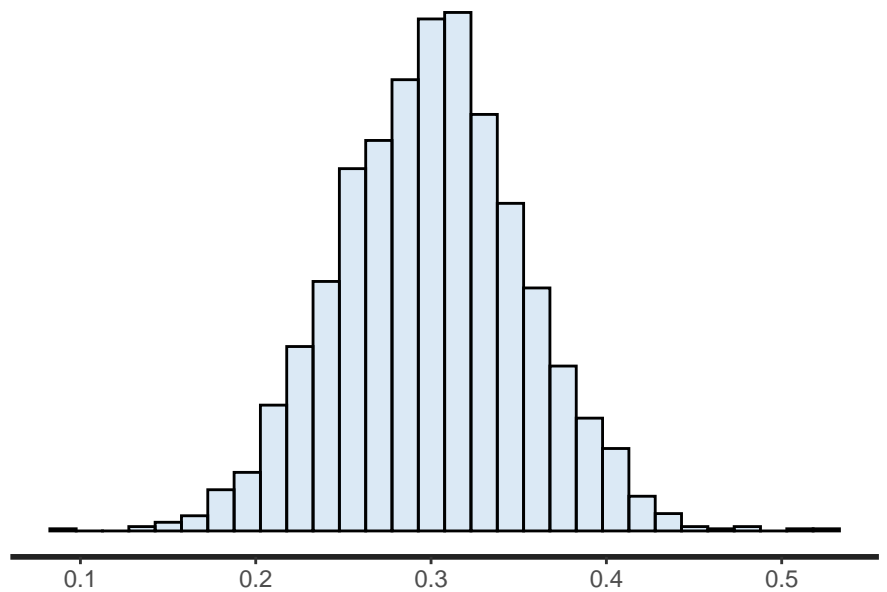
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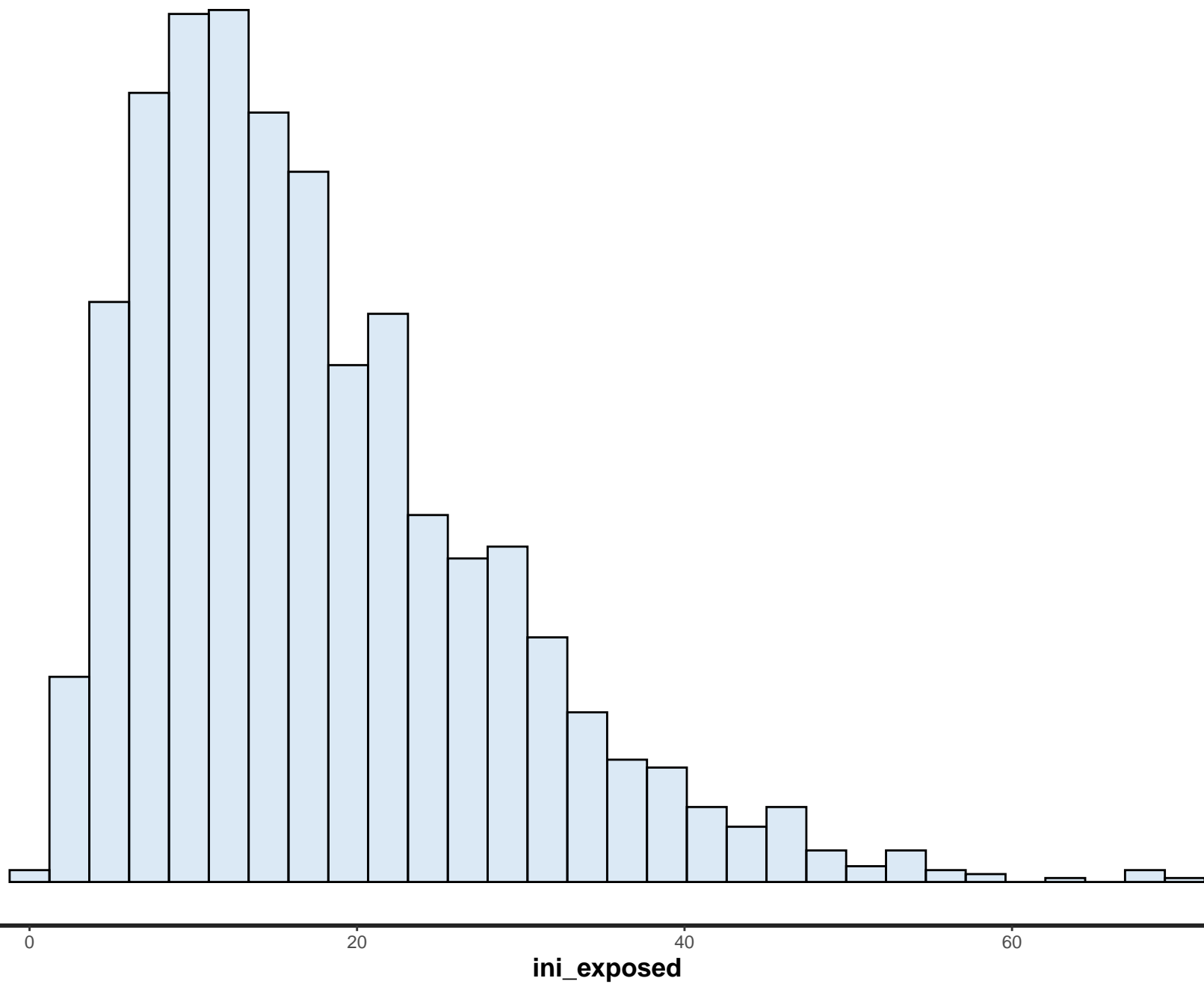


**frac\_PUI[3]**

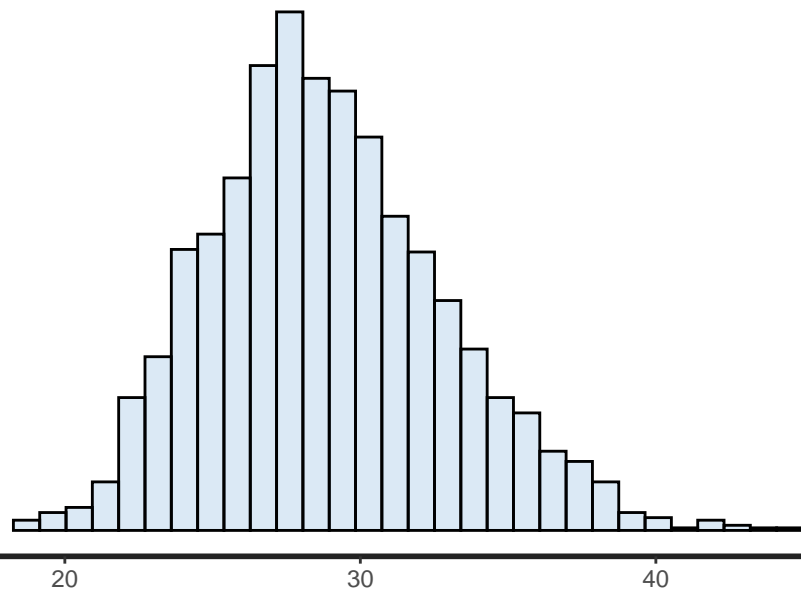


**frac\_PUI[4]**

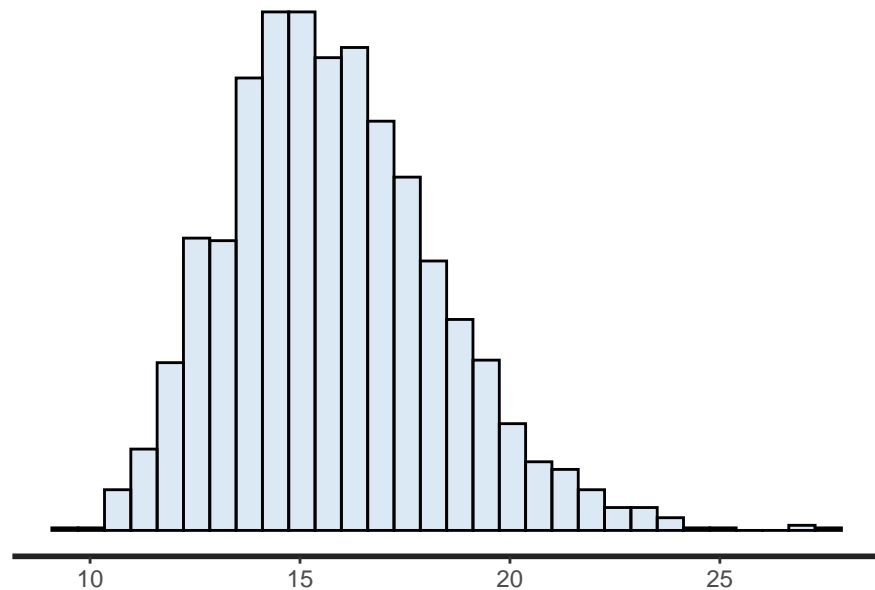




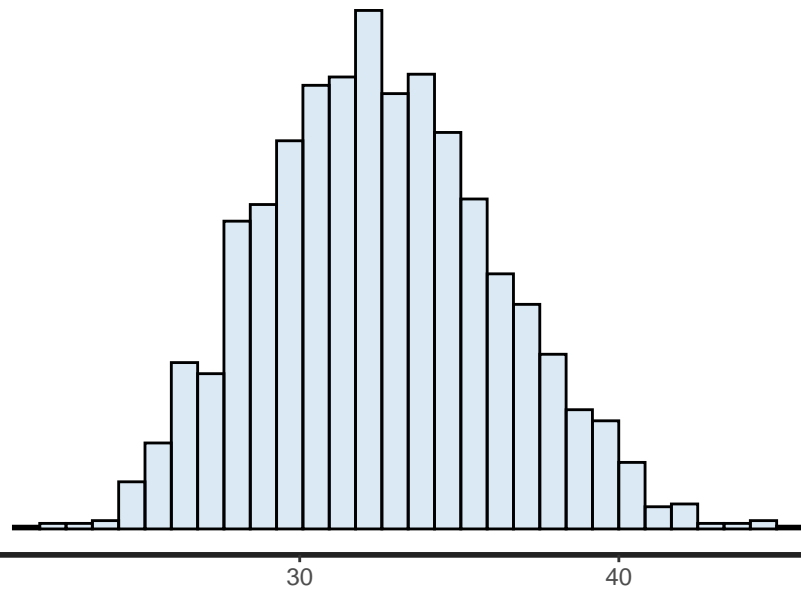
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

