

Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

3000
2000
1000
0

Apr 01

May 01

Jun 01

Jul 01

Aug 01

Sep 01

Oct 01

Nov 01

Dec 01

Jan 01

— Median

× Confirmed

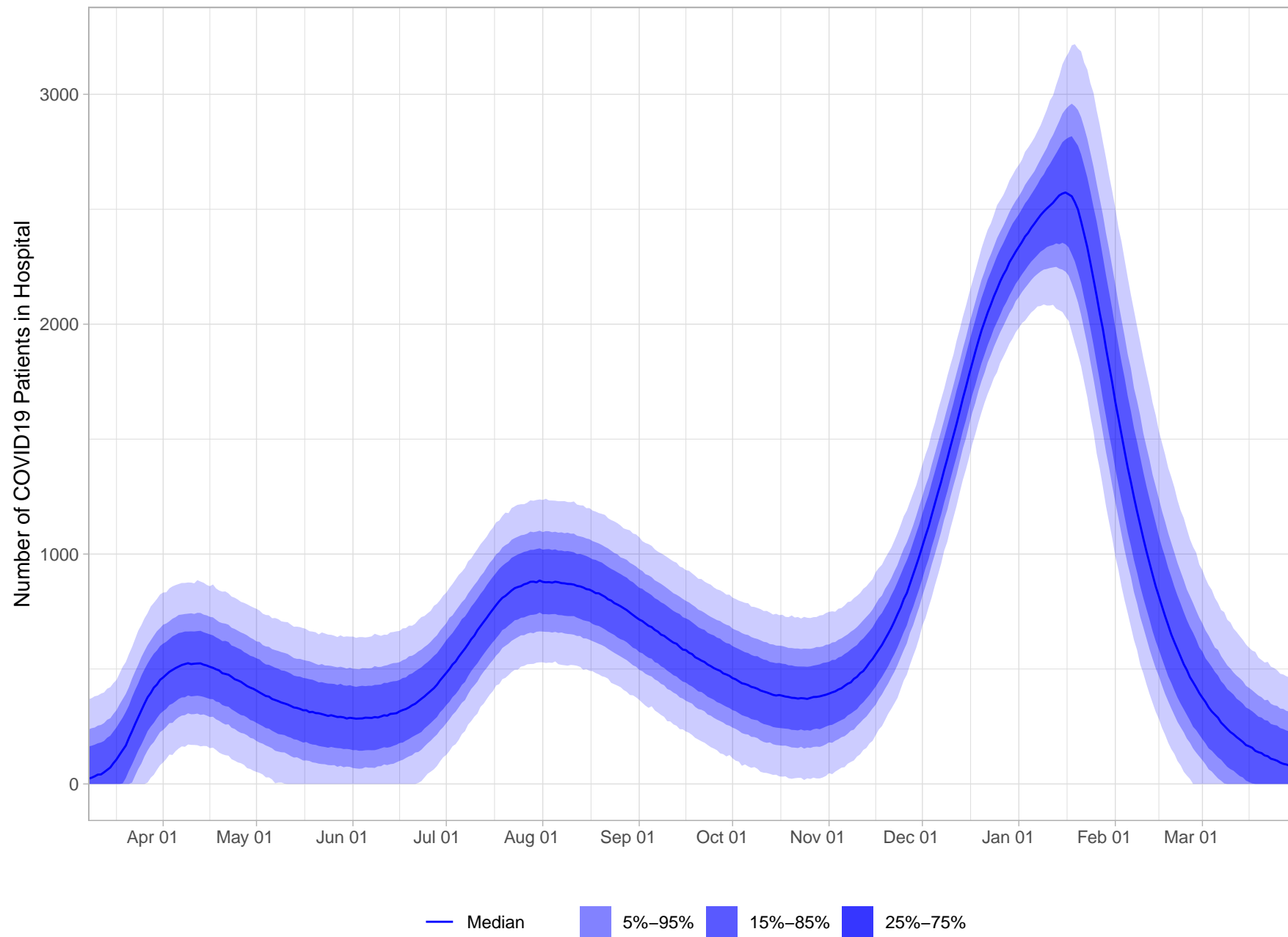
× Confirmed + 30%PUI

5%–95%

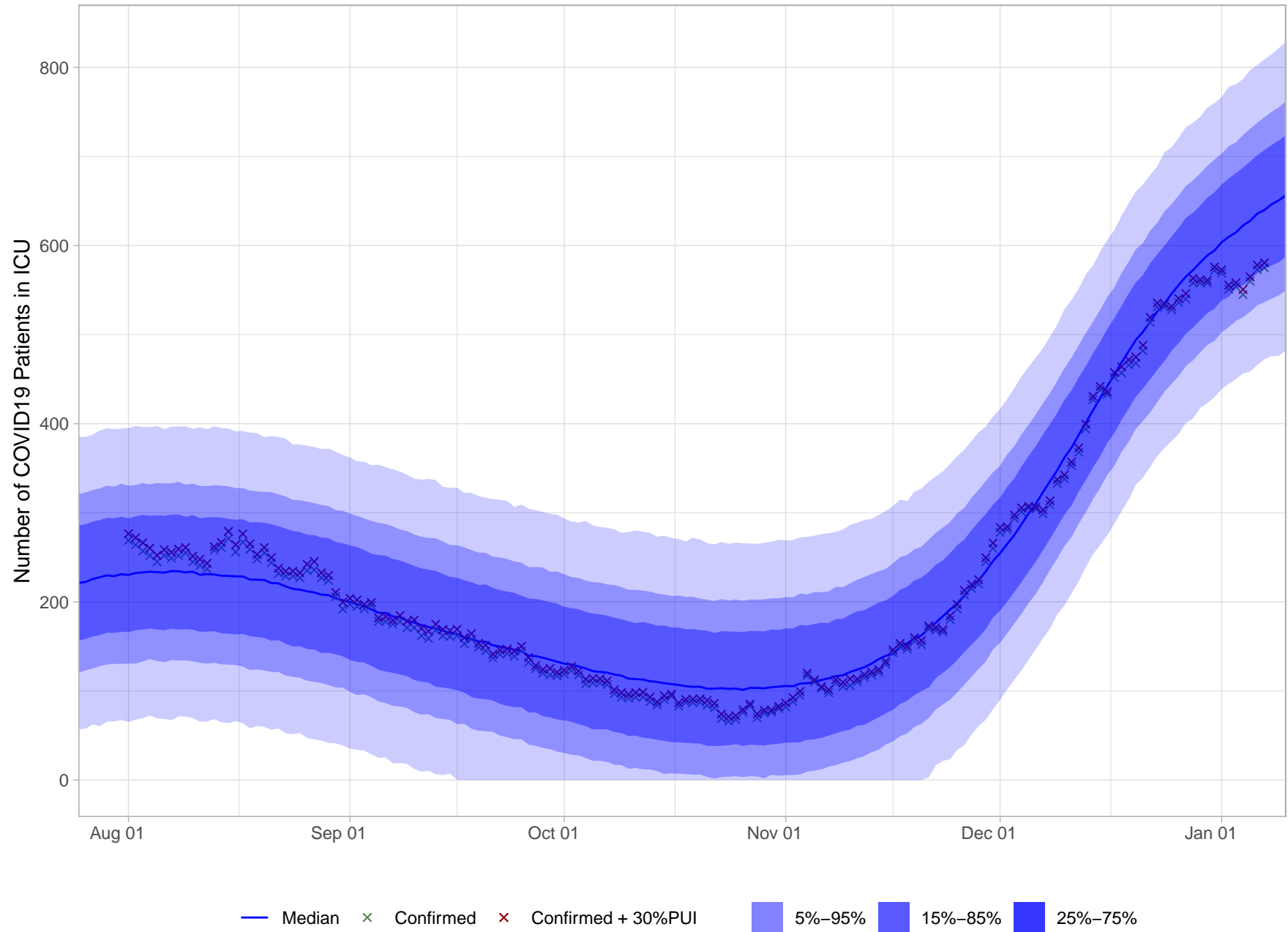
15%–85%

25%–75%

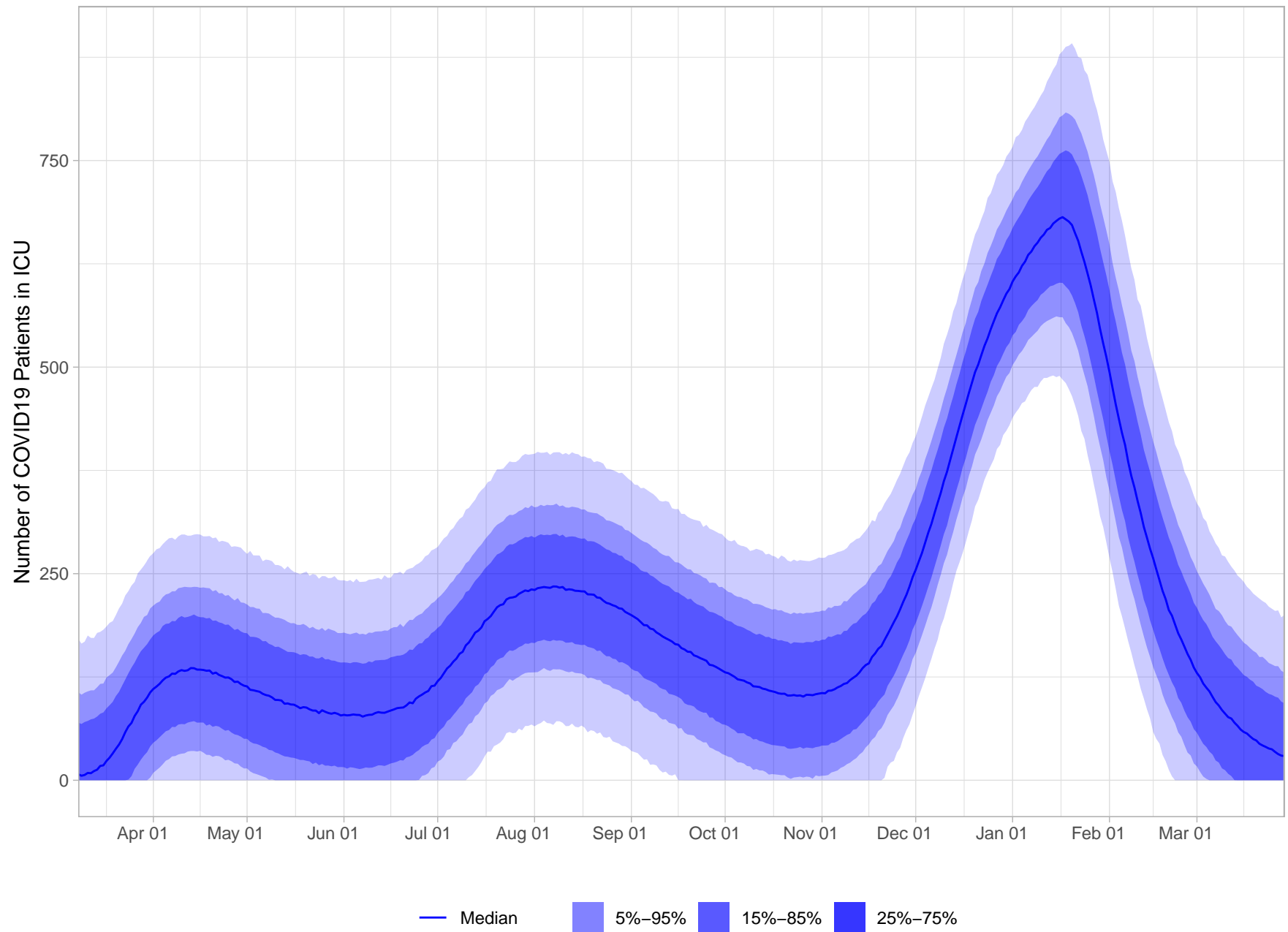
Long Term Hospitalization Projection



Short Term ICU Projection

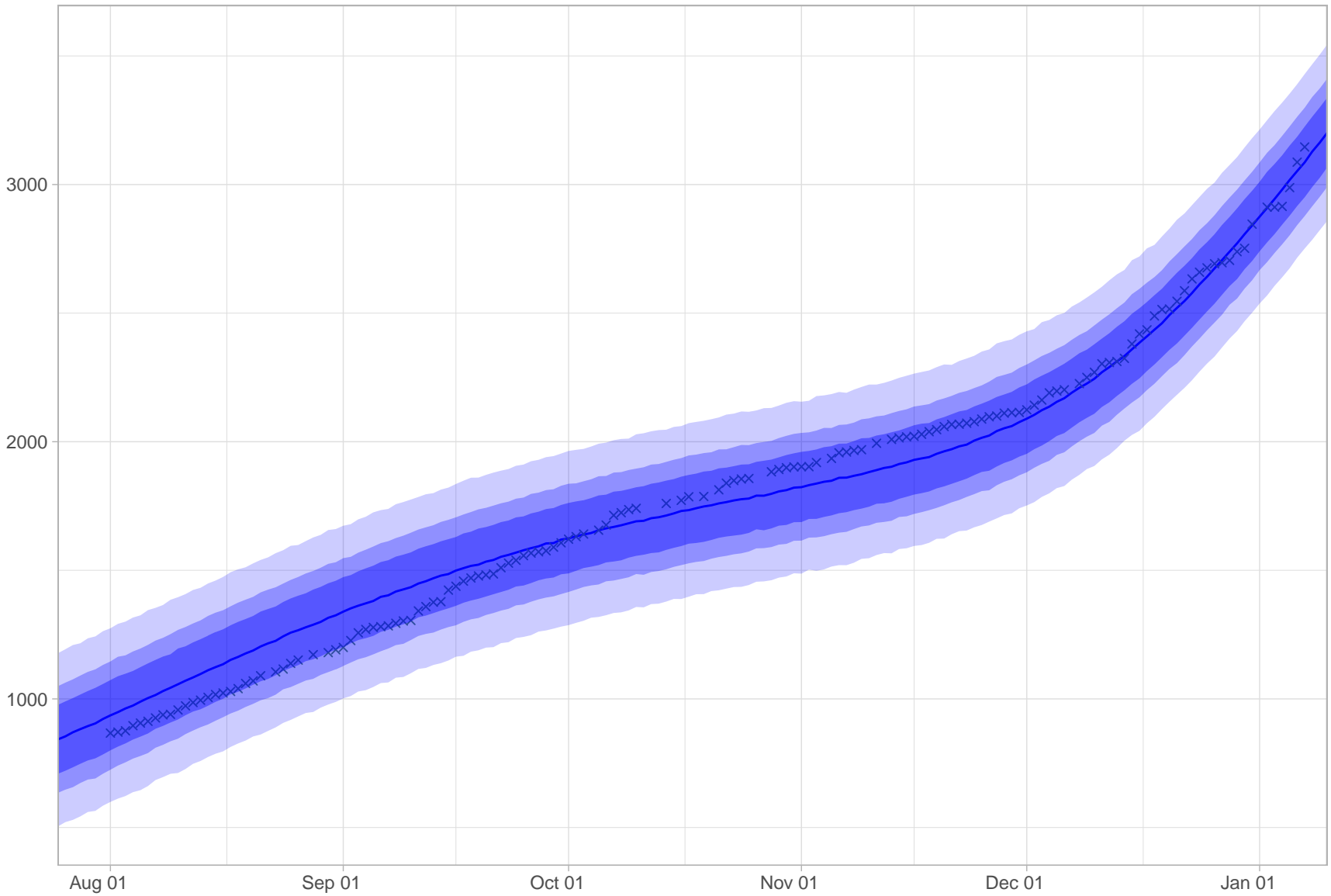


Long Term ICU Projection



Short Term Death Projection

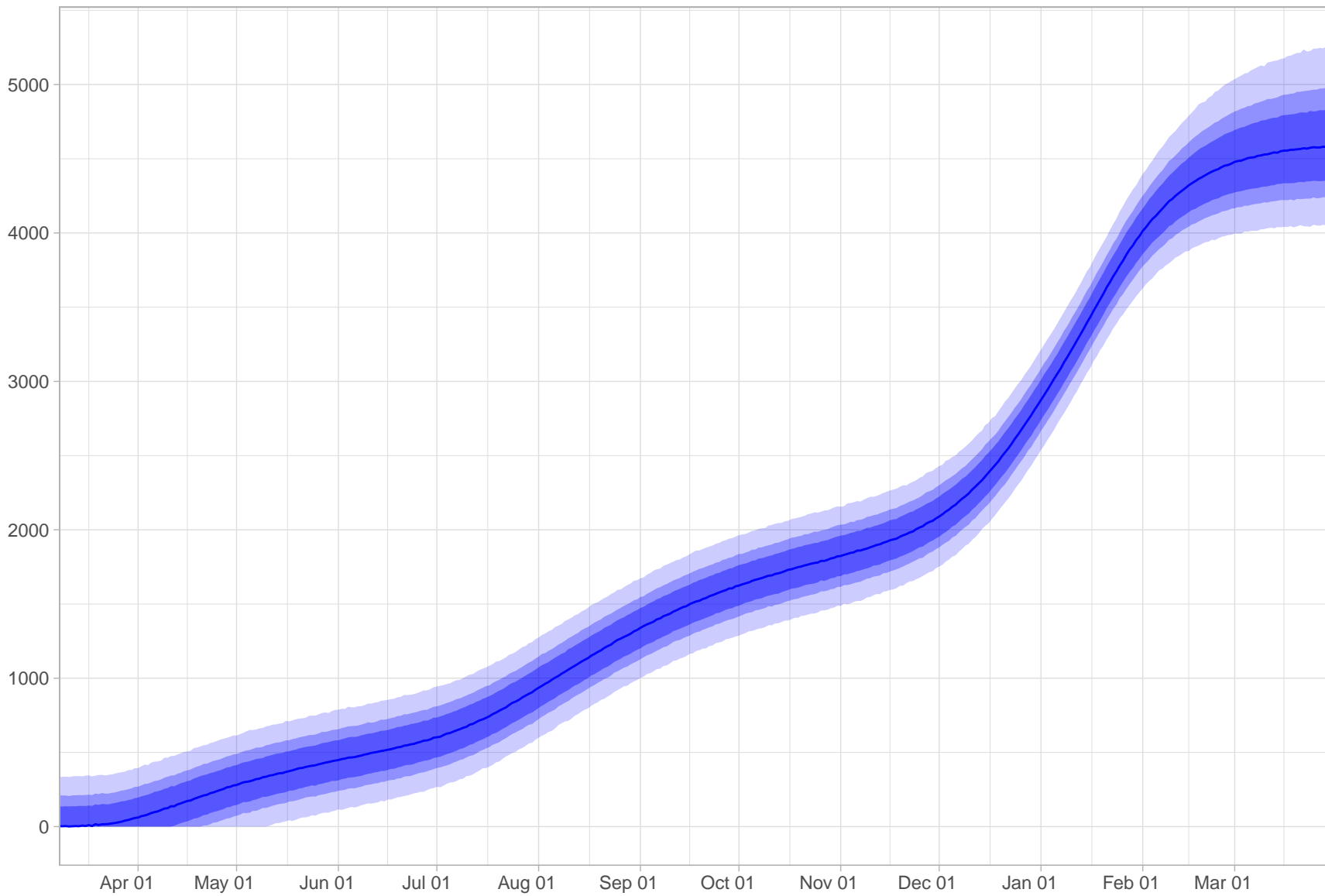
Number of COVID19 Deaths



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

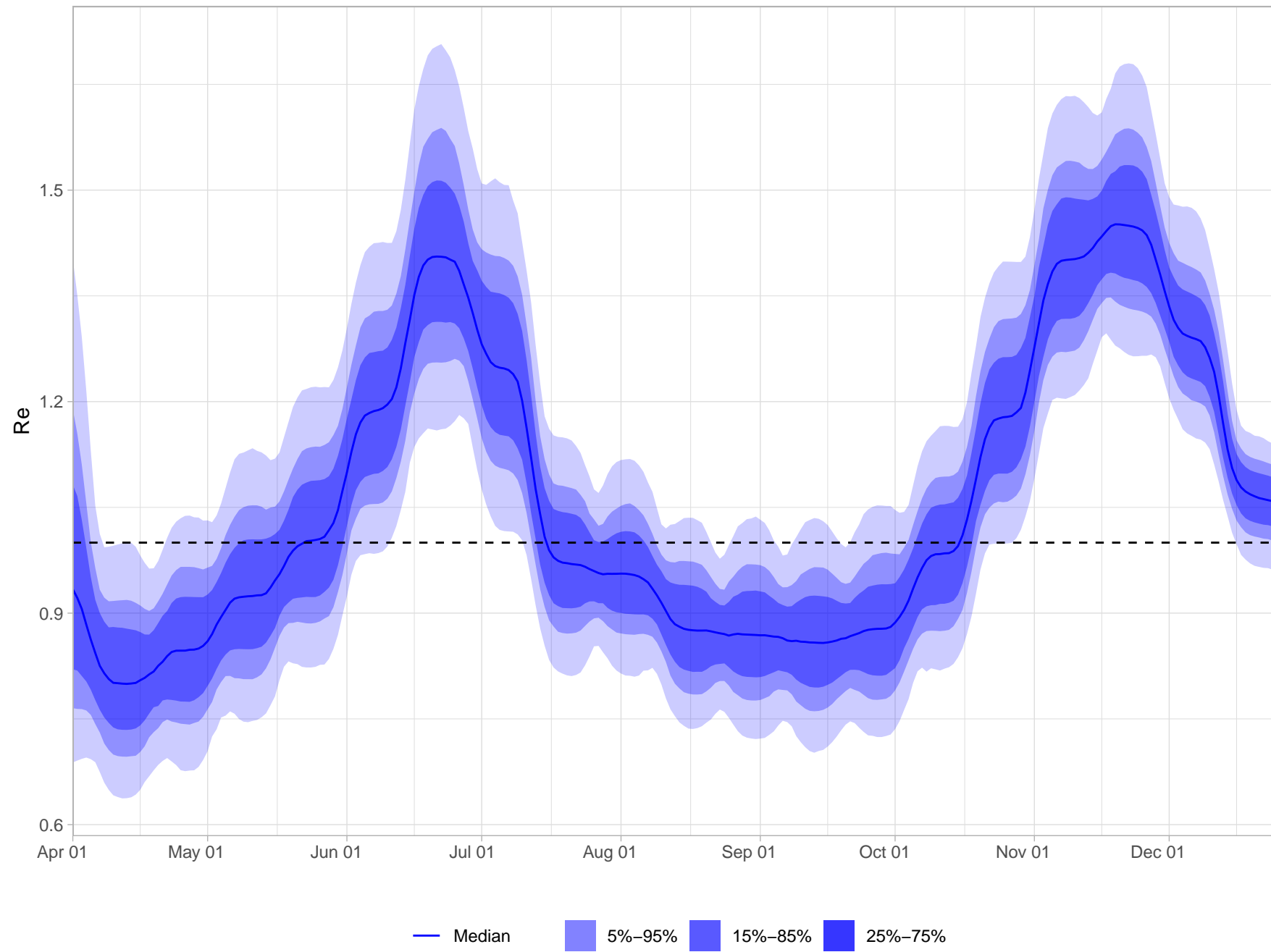
Long Term Death Projection

Number of COVID19 Deaths



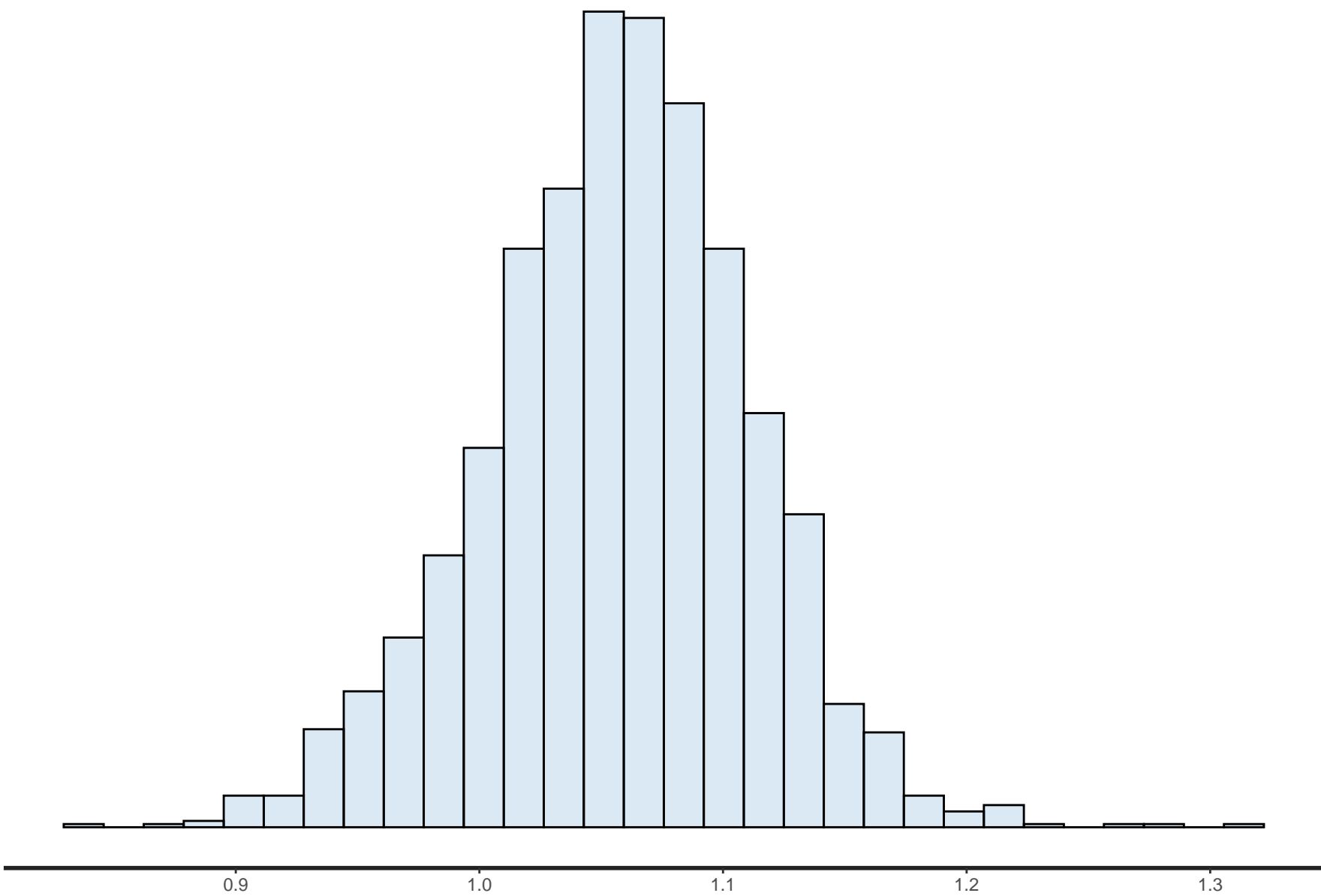
— Median 5%–95% 15%–85% 25%–75%

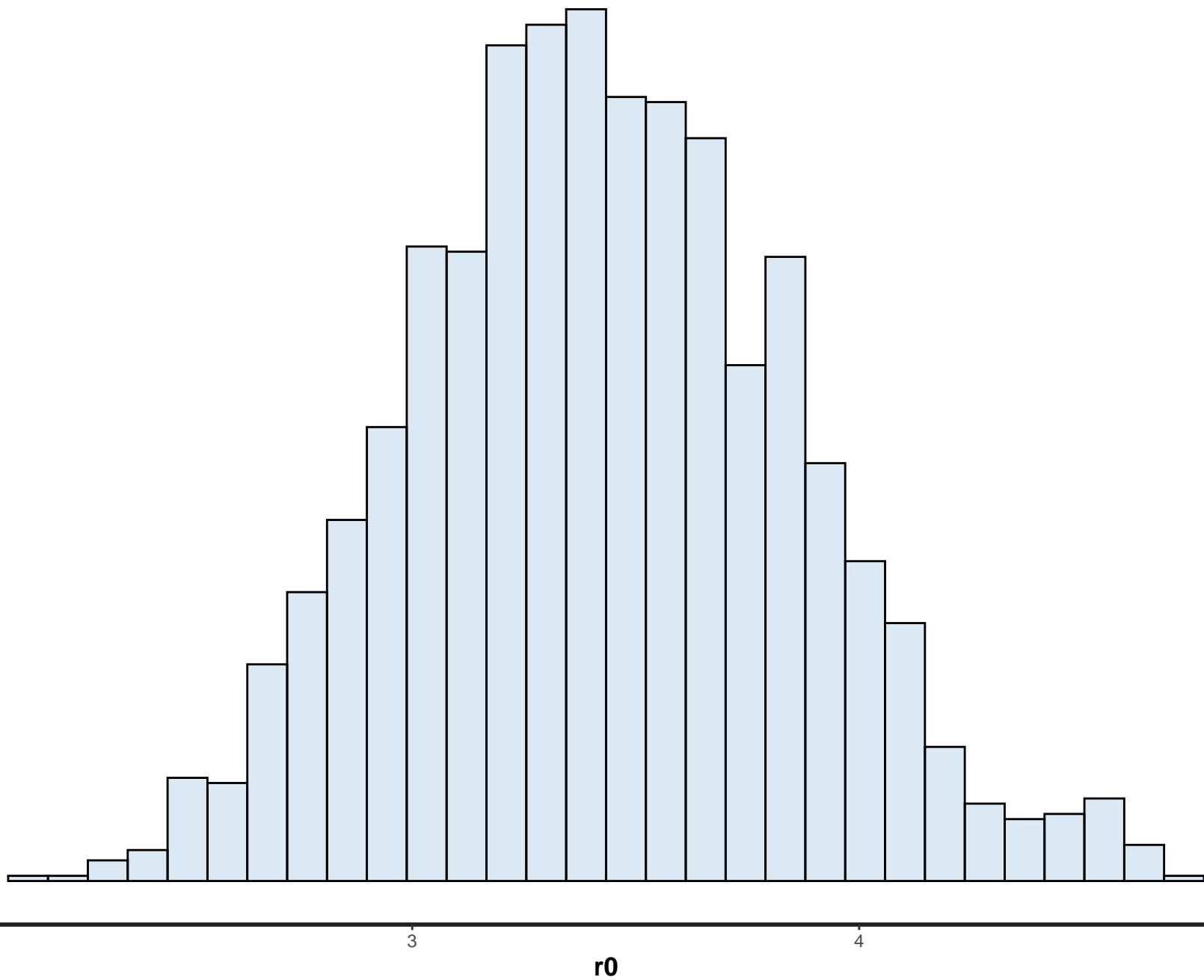
Effective Reproduction Number

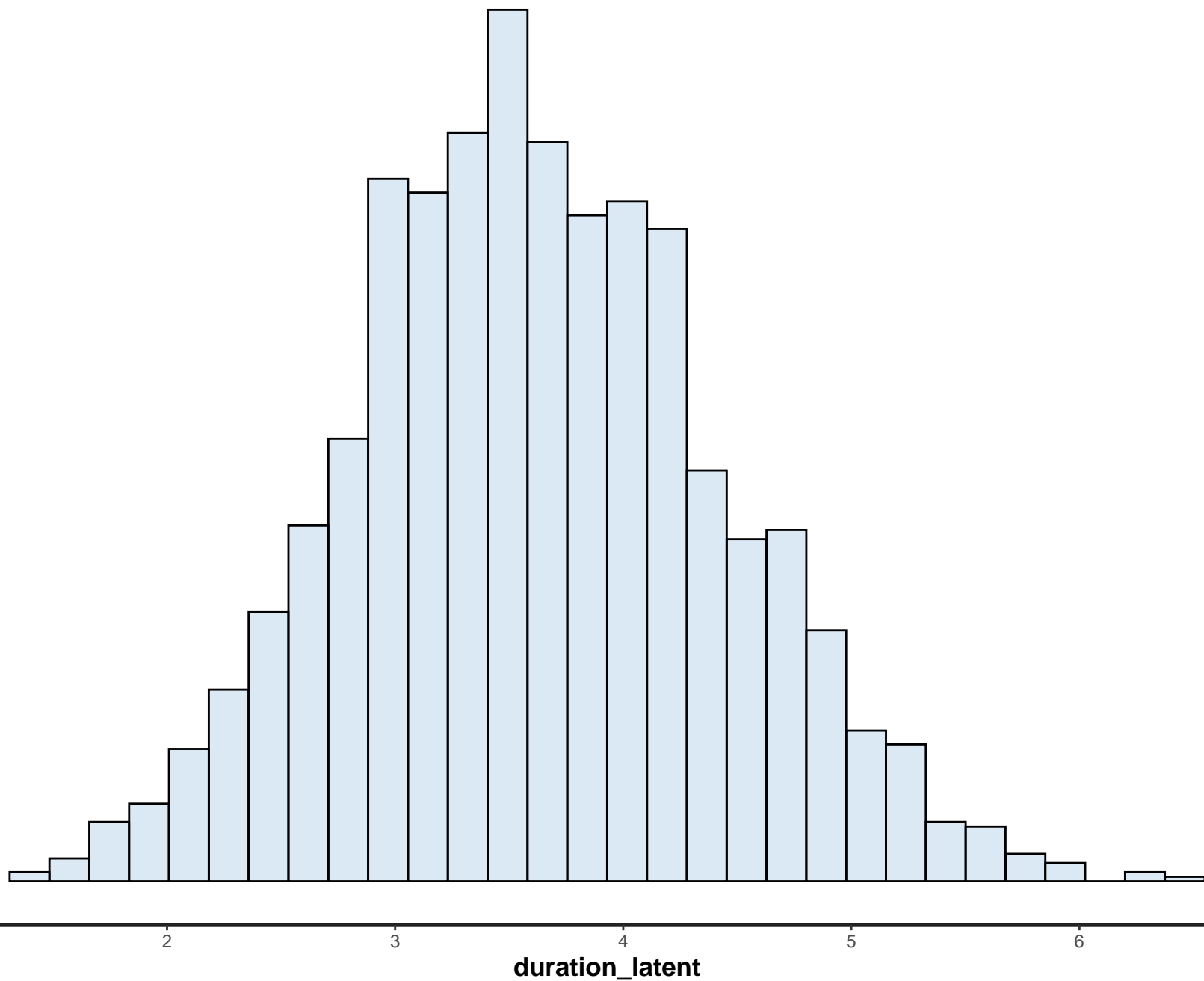


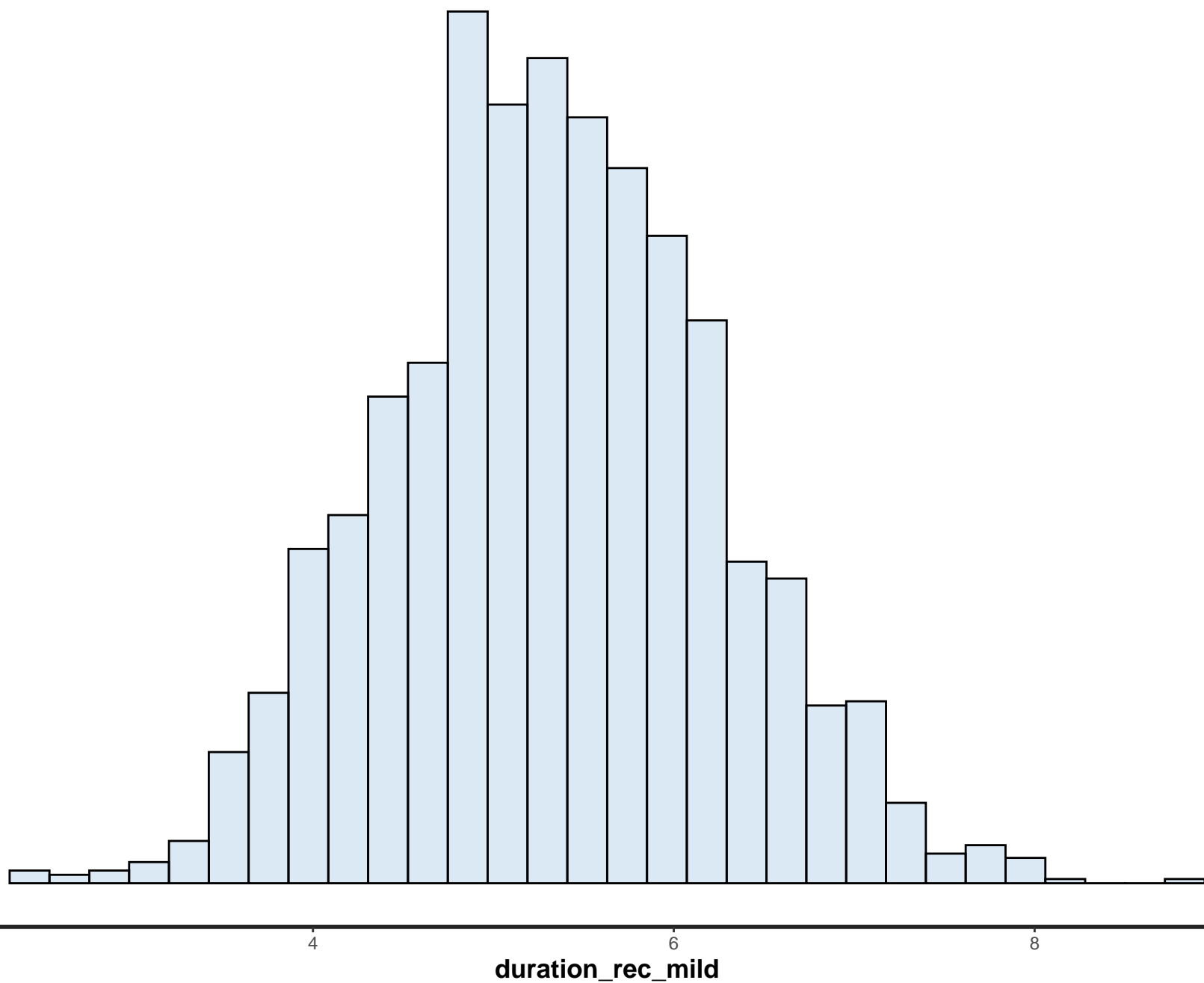
Rt as of 2020-12-24

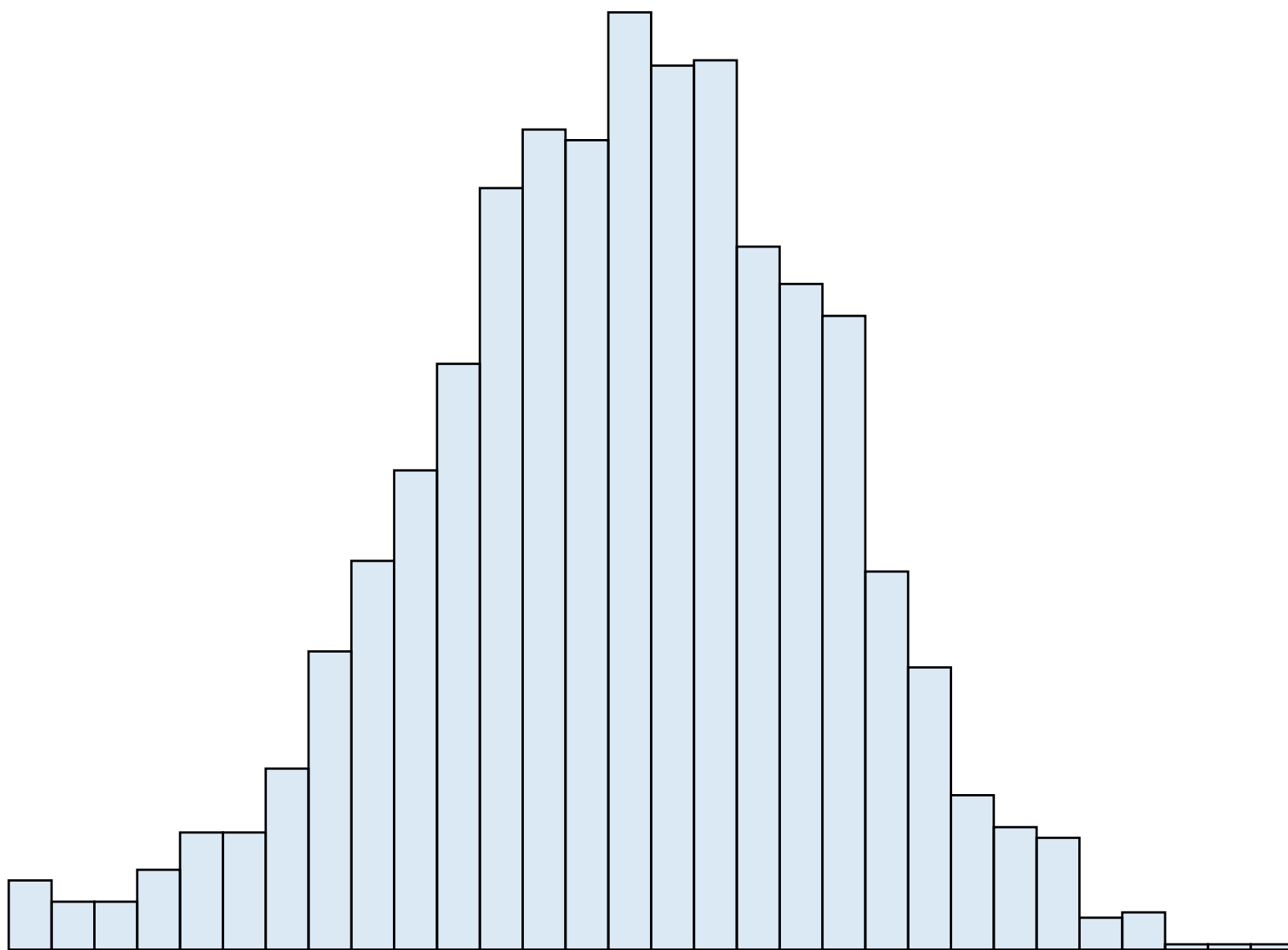
5% 10% 25% 50% 75% 90% 95%
0.96 0.99 1.02 1.06 1.09 1.12 1.14



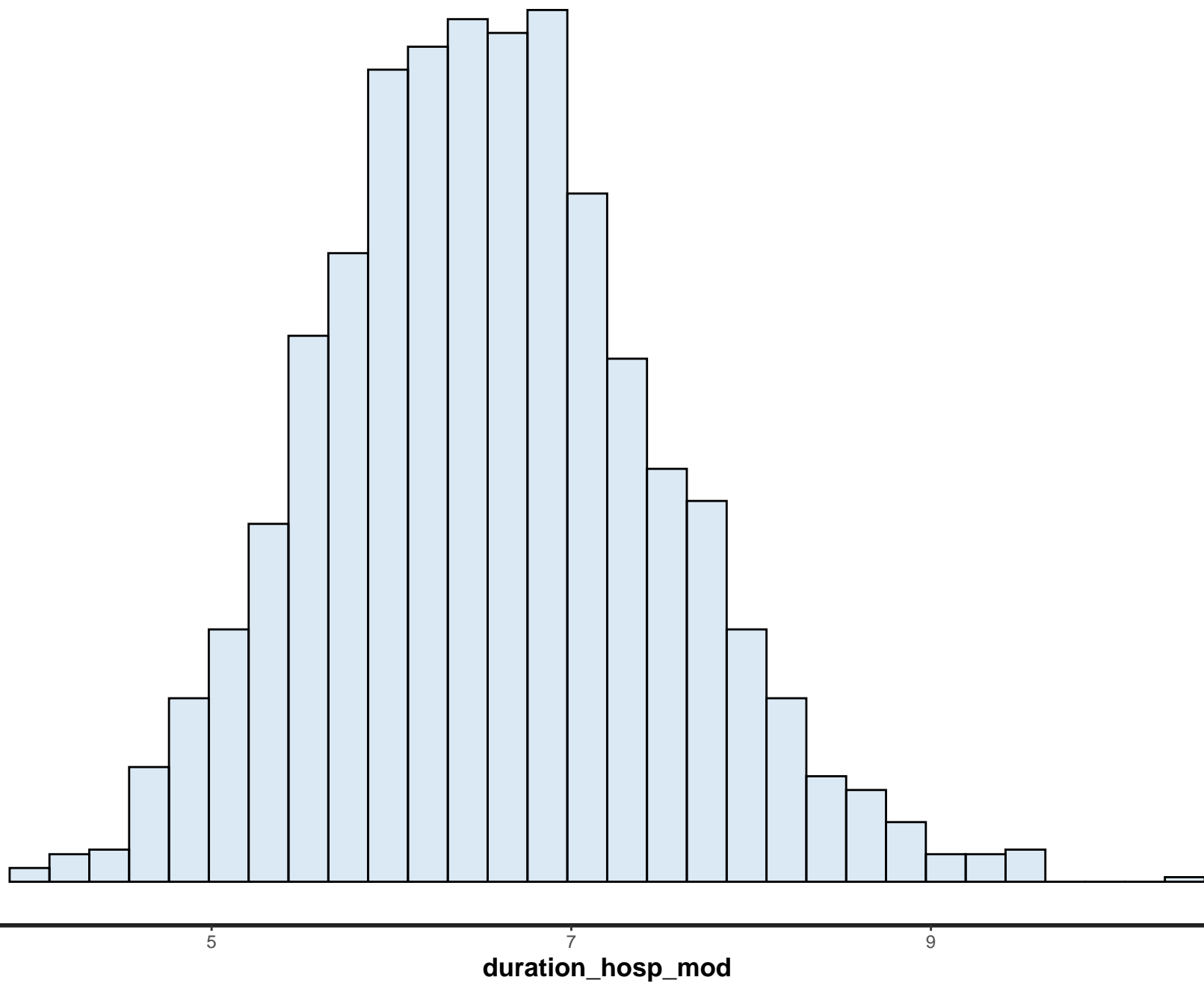


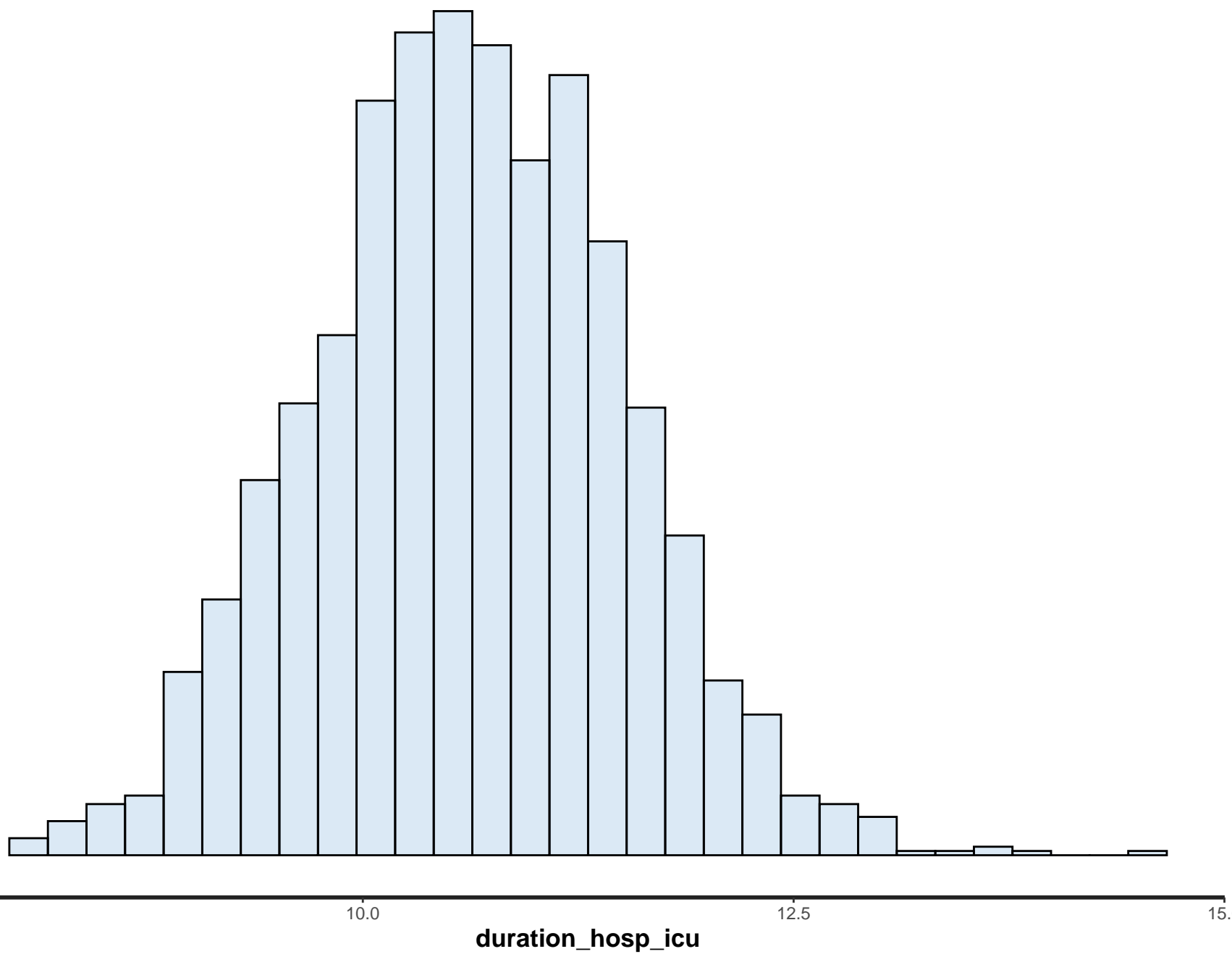


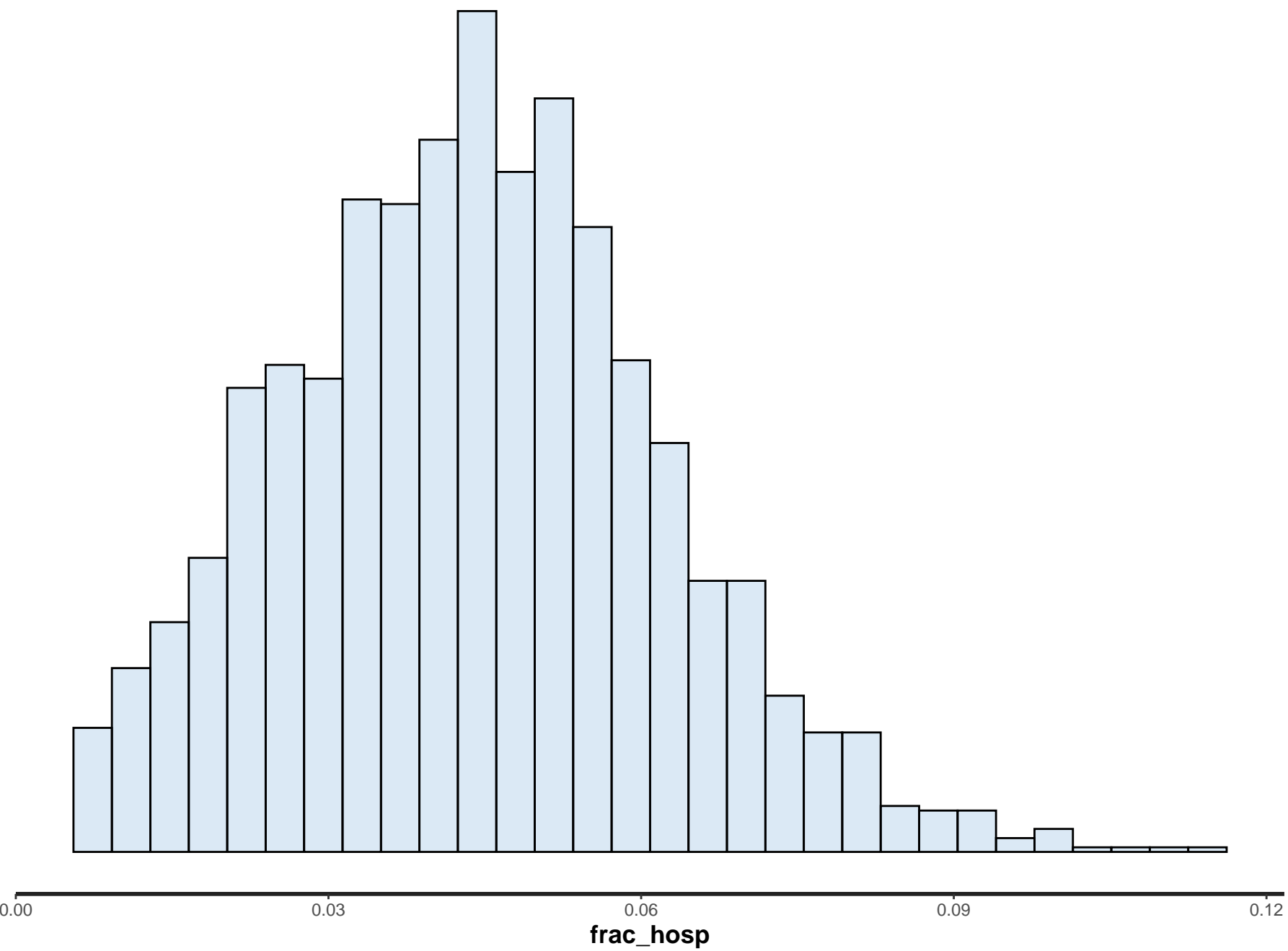


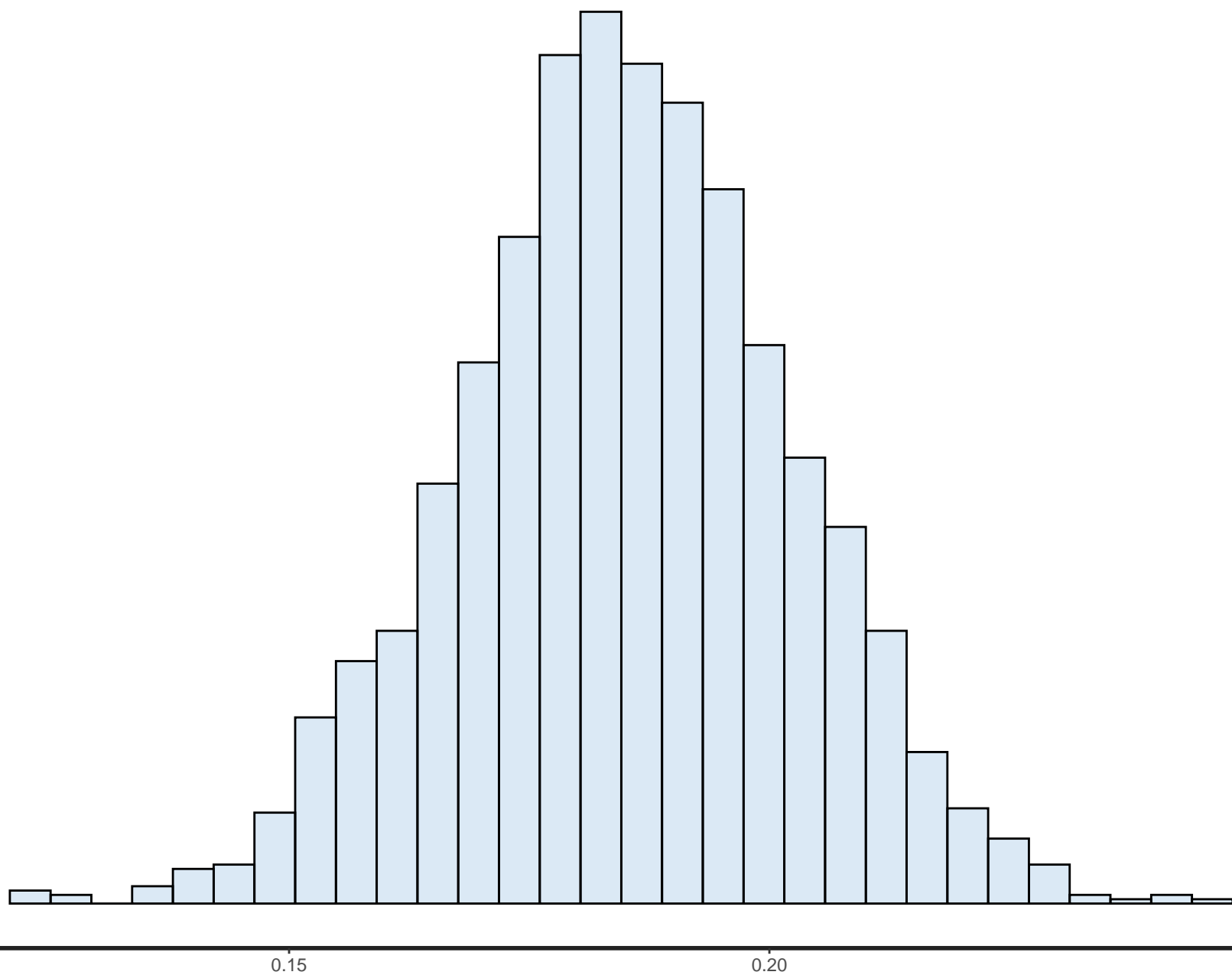


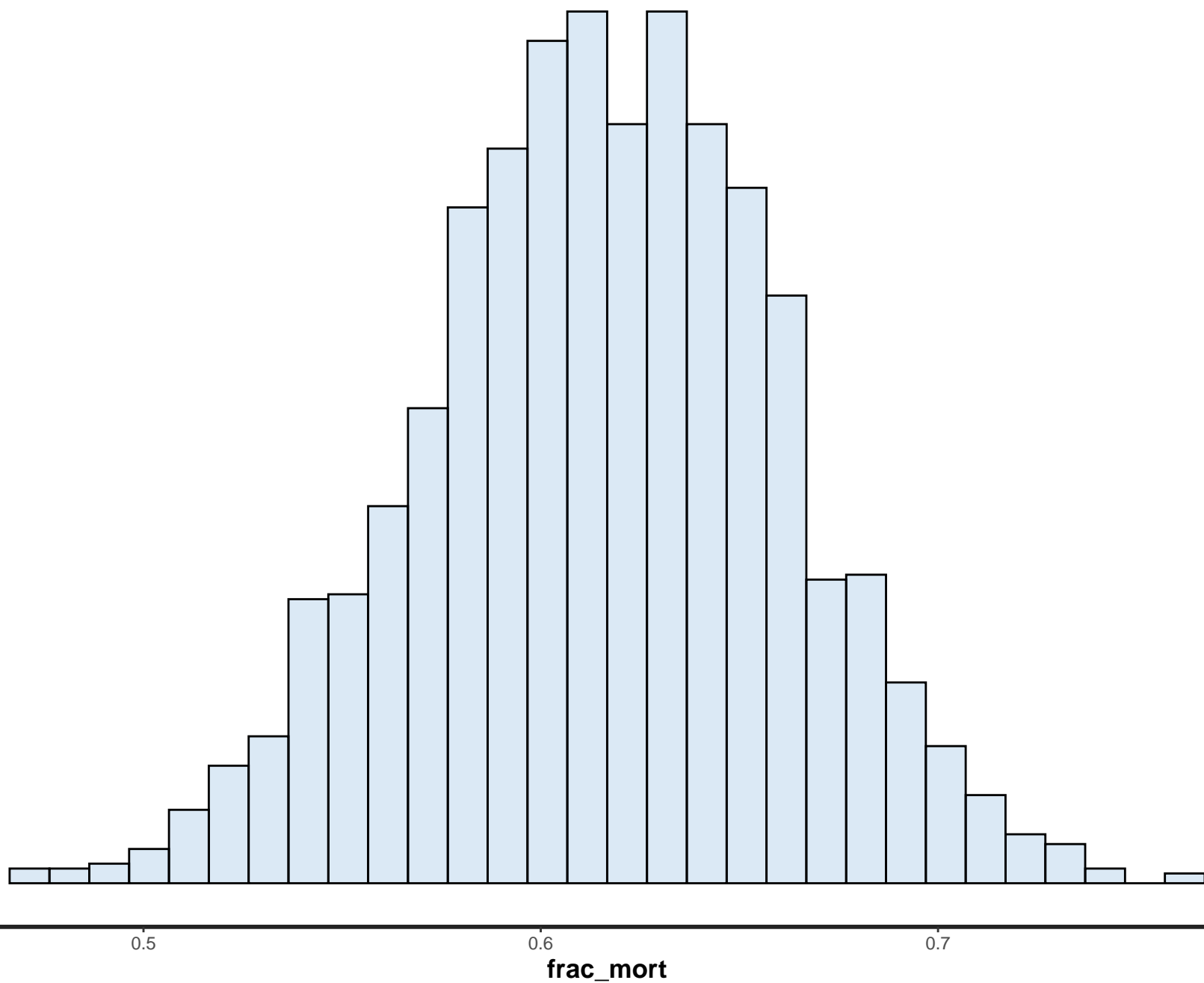
duration_pre_hosp











A histogram showing the frequency of the number of children per family. The x-axis is labeled 'Number of children' and has tick marks at 0.5, 1.0, and 1.5. The y-axis represents frequency, with a scale from 0 to 10. The distribution is roughly bell-shaped, centered around 0.8 children per family. The bars are light blue with black outlines.

A histogram showing the frequency of correct answers for a 10-item test. The x-axis represents the number of correct answers, ranging from 0.5 to 2.0. The y-axis represents the frequency, ranging from 0 to 10. The distribution is roughly bell-shaped, centered around 1.0, with a range from 0.5 to 2.0.

A histogram showing the distribution of the number of correct answers for a 10-item test. The x-axis is labeled 'Number of correct answers' and ranges from 0.5 to 2.0 with major ticks every 0.5 units. The y-axis represents frequency, with a scale from 0 to 10. The histogram consists of 15 bars, each with a width of 0.25 units. The distribution is roughly bell-shaped, centered around 1.25 correct answers. The highest frequency is 10, occurring for 1.25 correct answers. The frequencies decrease as the number of correct answers moves away from the center, with a few bars at the extremes (0.5 and 2.0) having a frequency of 1.

Number of correct answers	Frequency
0.50	1
0.625	2
0.75	3
0.875	4
1.00	6
1.125	8
1.25	10
1.375	9
1.50	7
1.625	5
1.75	3
1.875	2
2.00	1

A histogram showing the frequency of correct answers for a 10-item test. The x-axis is labeled 'Number of correct answers' and has major ticks at 1.0 and 1.5. The y-axis represents frequency, with a peak of 10 at 11 correct answers. The distribution is roughly bell-shaped, centered around 11 correct answers.

A histogram showing the distribution of the number of trials until the first success. The x-axis is labeled from 0.4 to 1.4 with major ticks at 0.4, 0.8, 1.2, and 1. The y-axis represents frequency, with a maximum value of 10. The distribution is unimodal and slightly right-skewed, peaking at 10 for 0.7 trials. The bars are light blue with black outlines.

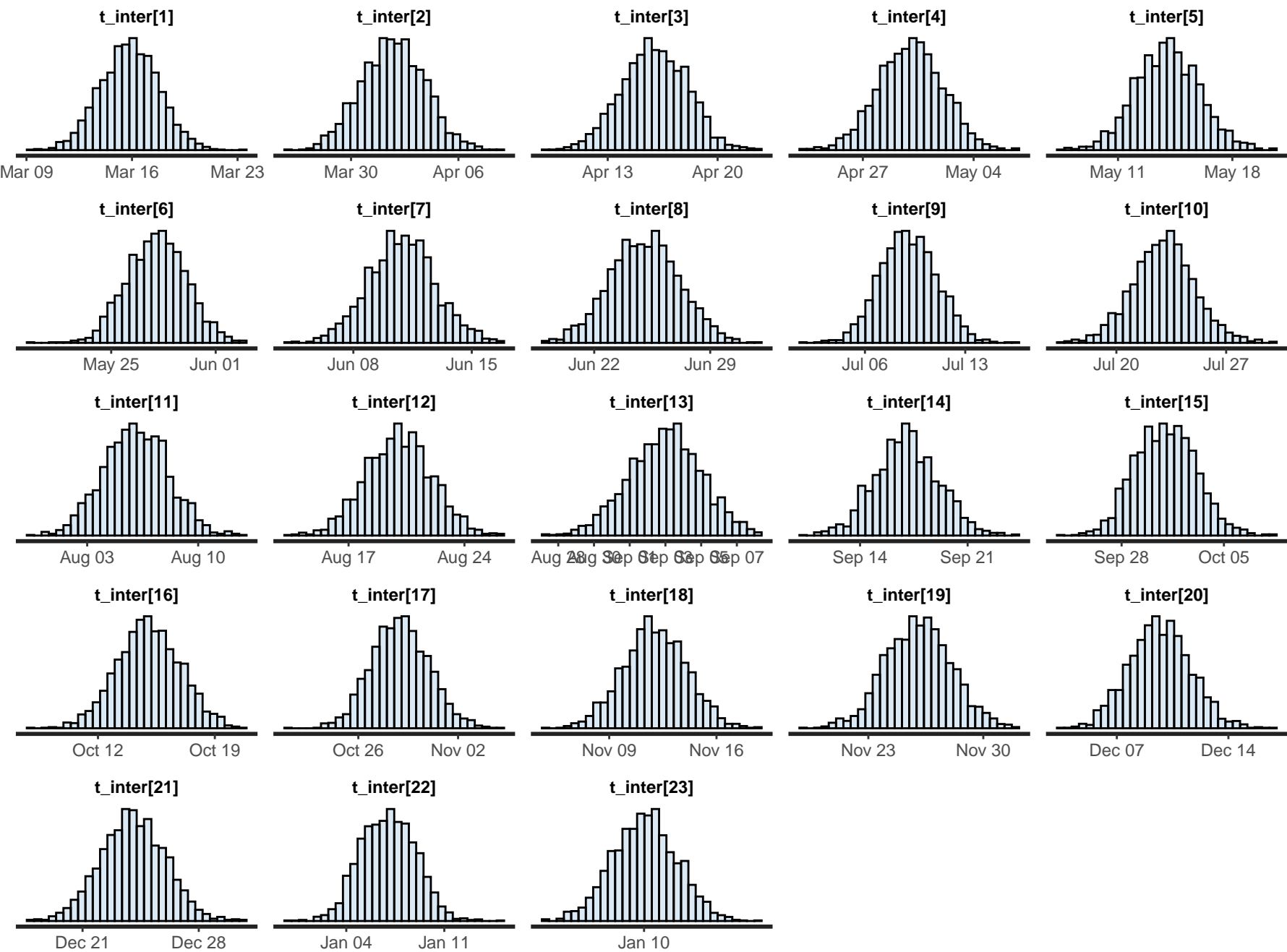
A histogram showing the frequency of correct answers for a 10-item test. The x-axis represents the number of correct answers, ranging from 0.4 to 1.6 with major ticks every 0.4 units. The y-axis represents the frequency, ranging from 0 to 10 with major ticks every 2 units. The distribution is roughly bell-shaped, centered around 8 correct answers.

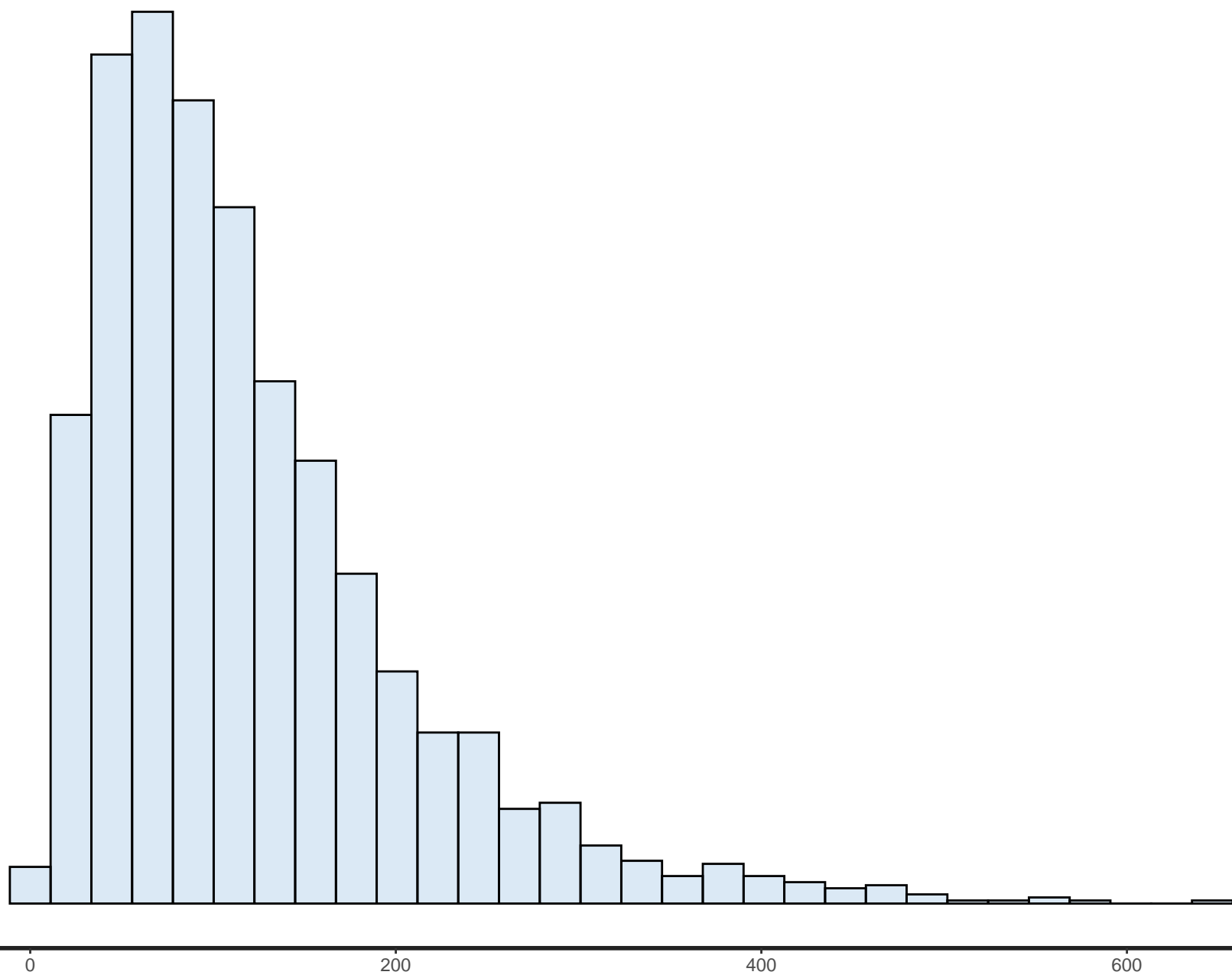
Number of Correct Answers	Frequency
6	1
7	2
8	4
9	10
10	9
11	8
12	6
13	4
14	3
15	2
16	1

A histogram showing the frequency of the number of children per family. The x-axis is labeled 'Number of children' and ranges from 0 to 1.6 with major ticks at 0.8, 1.2, and 1.6. The y-axis represents frequency, with a scale from 0 to 10. The distribution is roughly bell-shaped, centered around 1.0 child per family. The bars are light blue with black outlines.

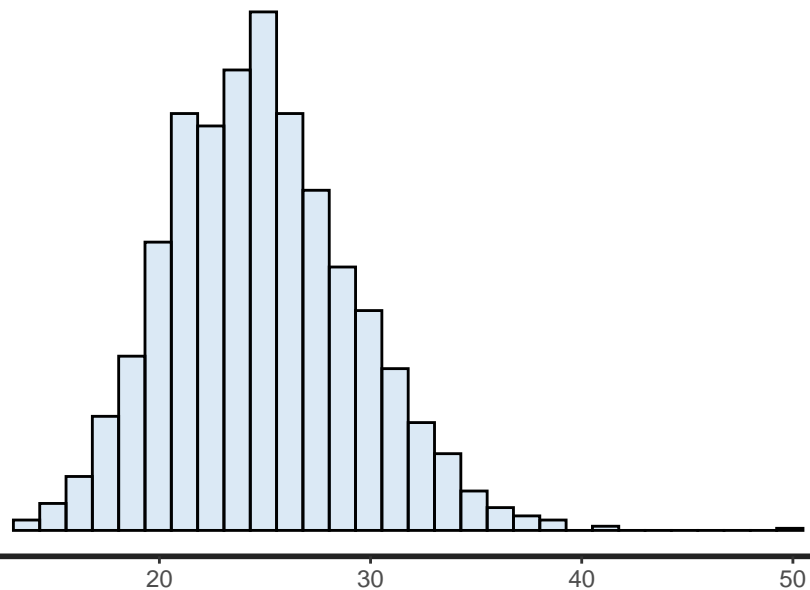
A histogram showing the frequency of correct answers for a 10-item test. The x-axis is labeled 'Number of correct answers' and ranges from 0.5 to 2.0. The y-axis represents frequency, with a maximum of 10. The distribution is unimodal and slightly right-skewed, centered around 10 correct answers.

A histogram showing the distribution of the number of trials until the first success. The x-axis is labeled 'Number of trials' and ranges from 0 to 2.0 with major ticks at 1.0, 1.5, and 2.0. The y-axis represents frequency, with a maximum value of 10. The distribution is unimodal and slightly right-skewed, with the highest frequency (10) occurring at 1.2 trials. The bars are light blue with black outlines.

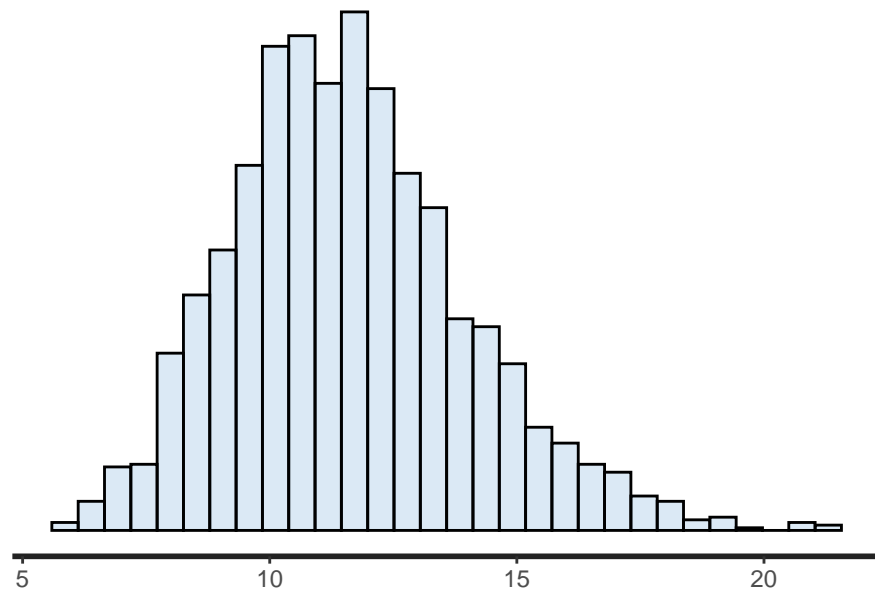




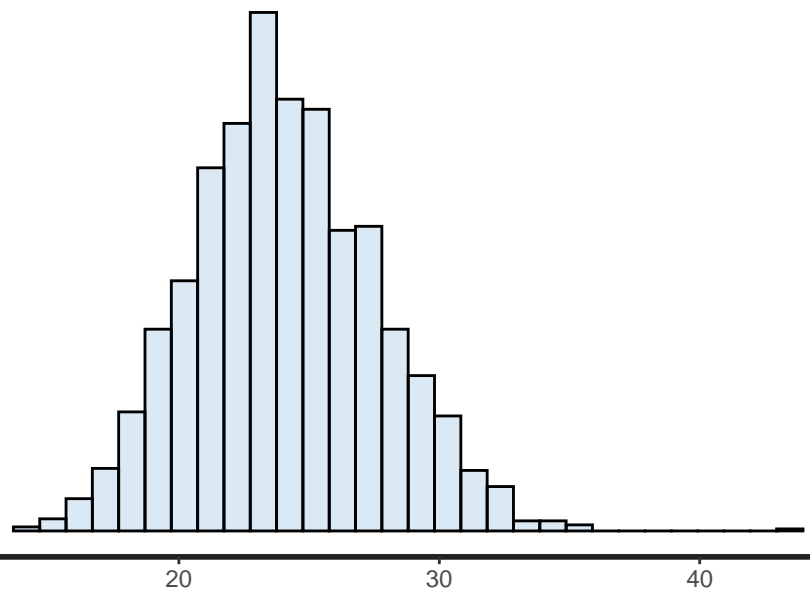
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

