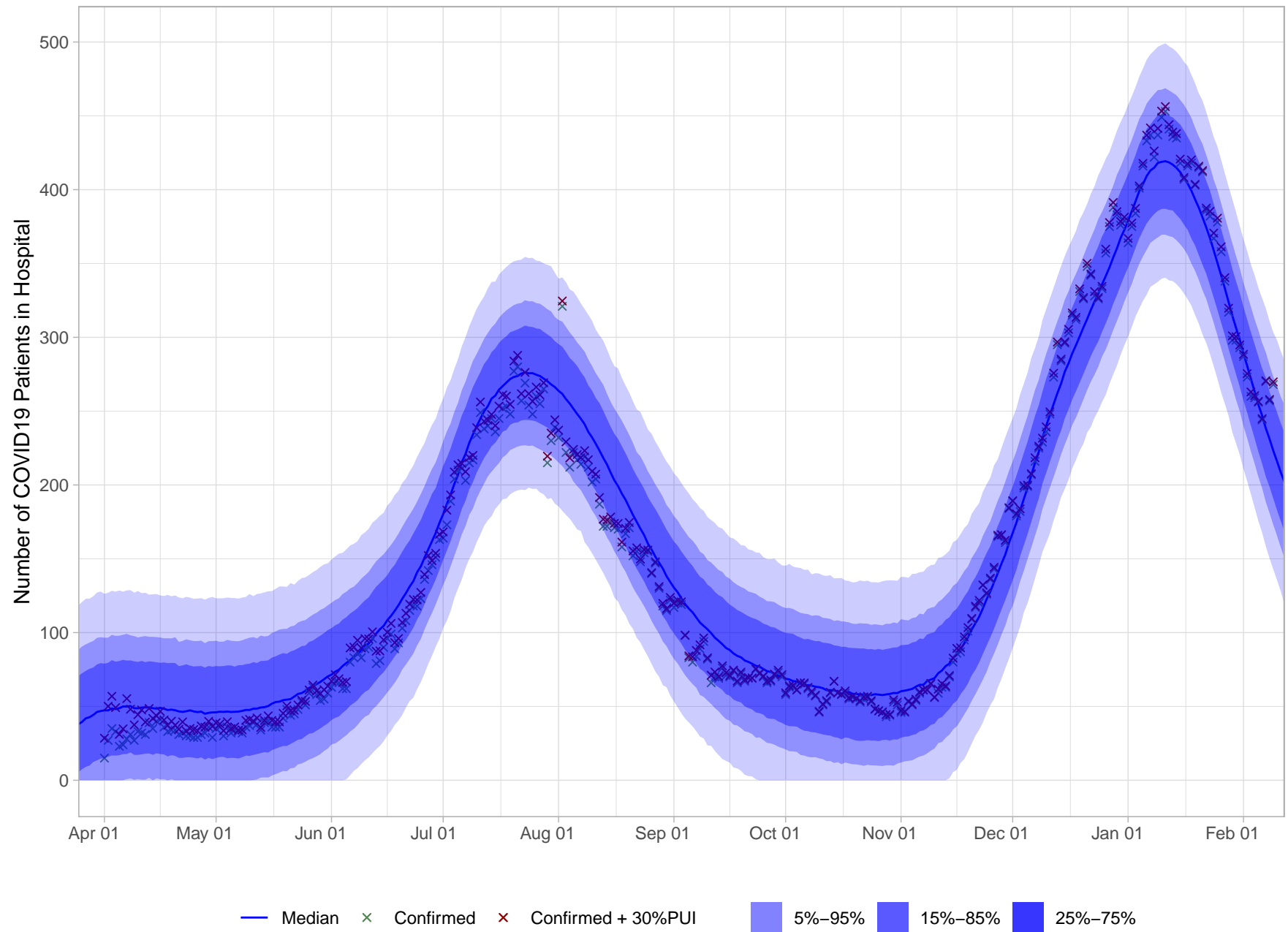
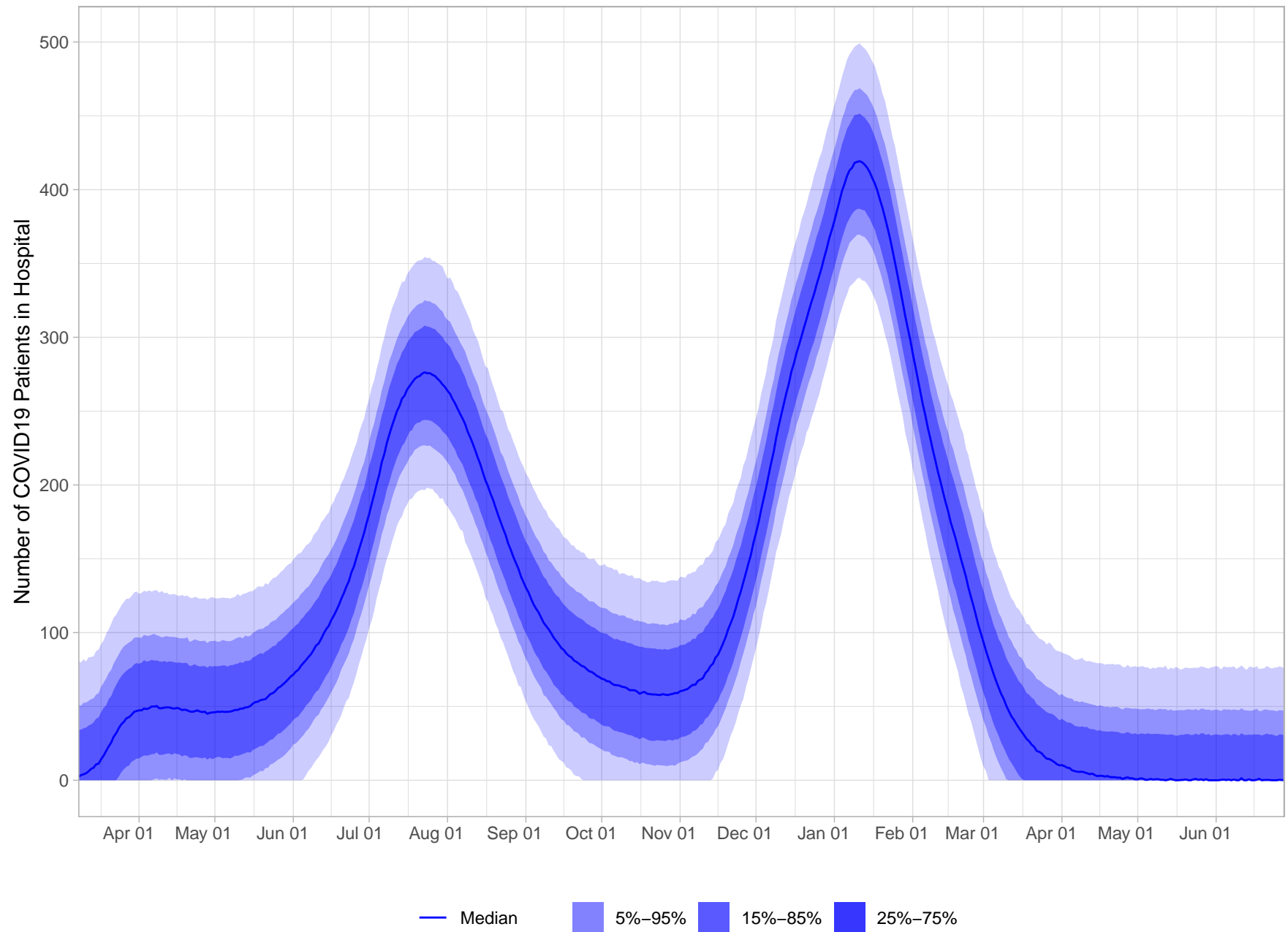


# Short Term Hospitalization Projection

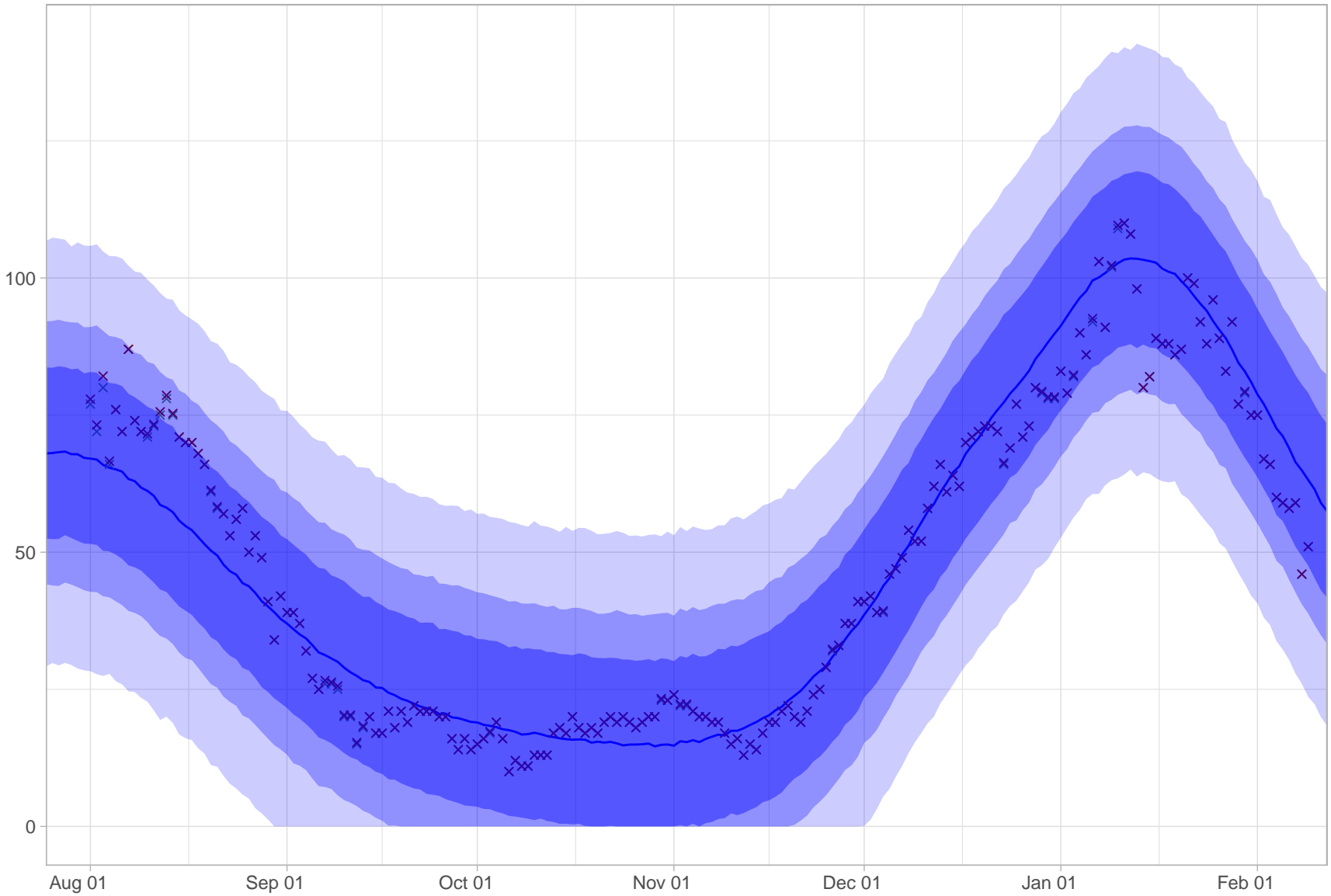


# Long Term Hospitalization Projection



# Short Term ICU Projection

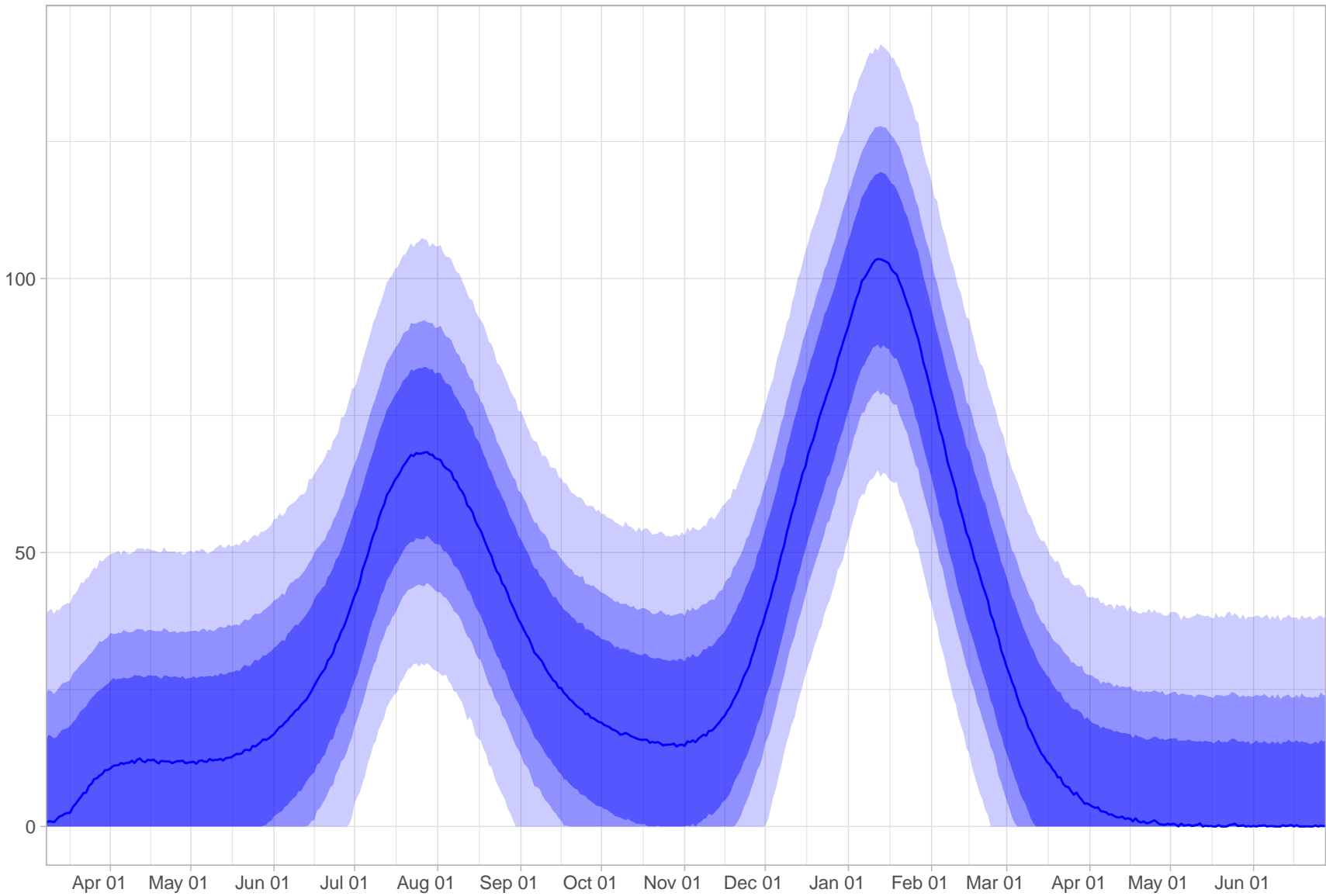
Number of COVID19 Patients in ICU



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

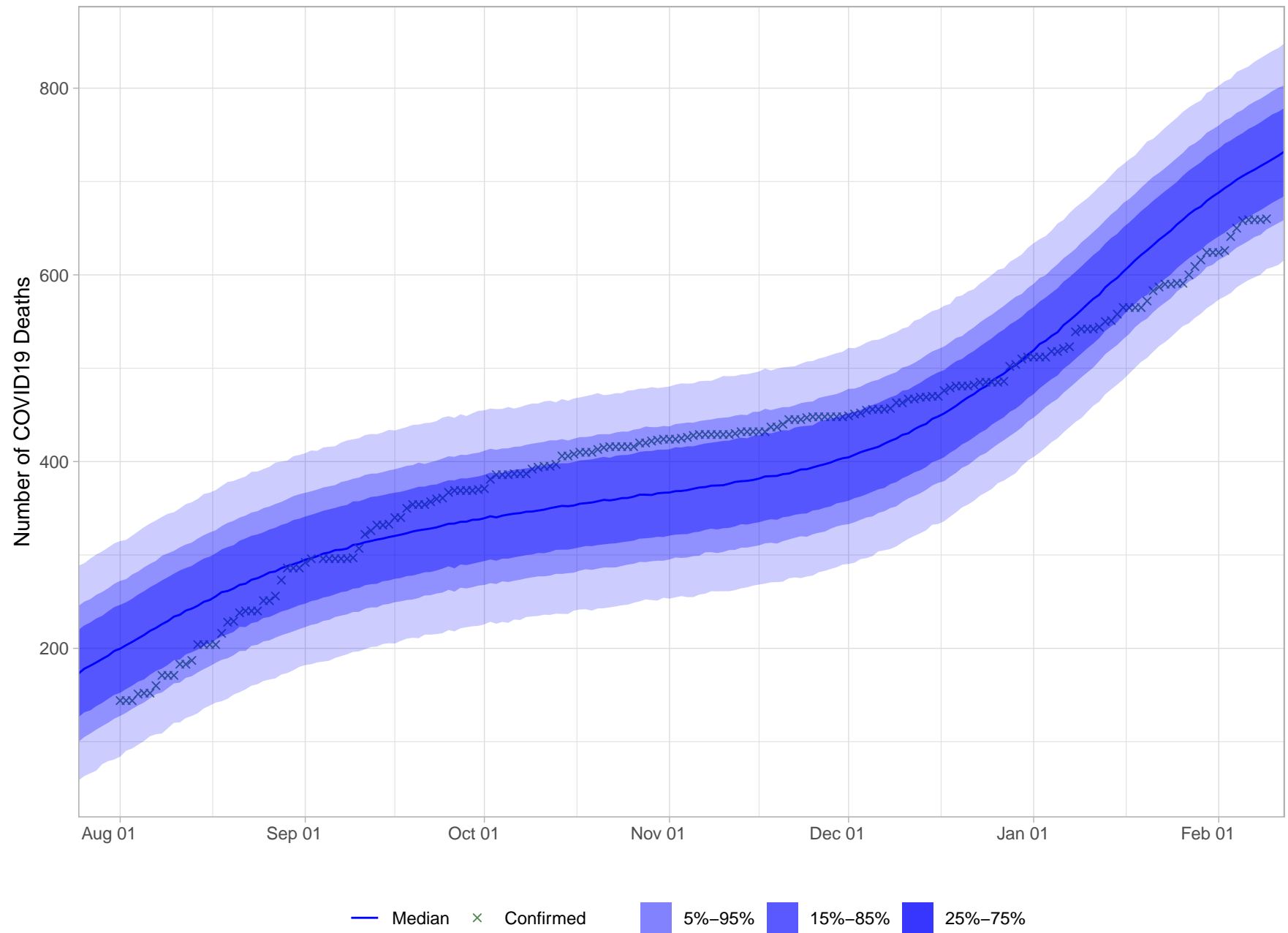
# Long Term ICU Projection

Number of COVID19 Patients in ICU

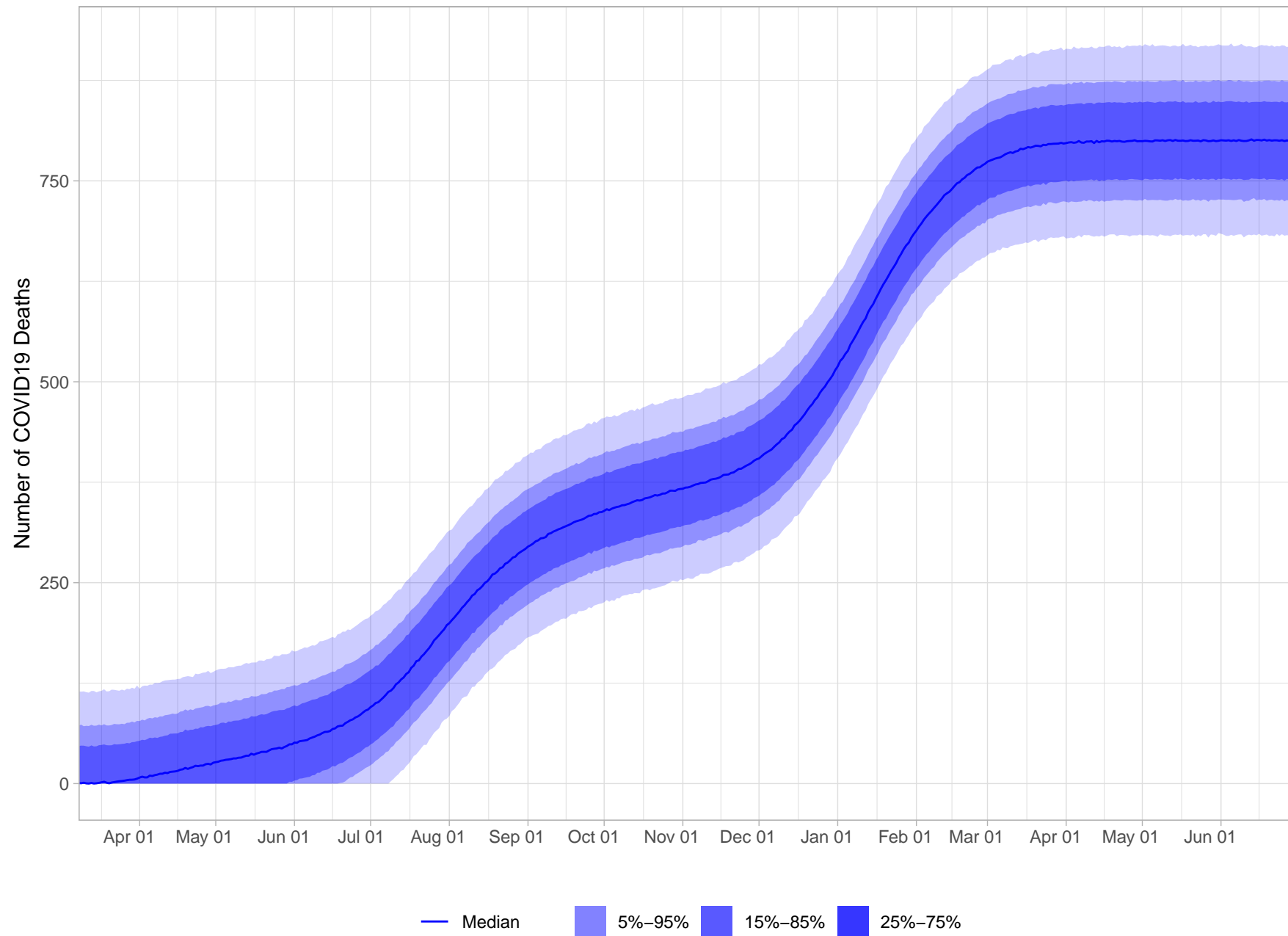


— Median    5%-95%    15%-85%    25%-75%

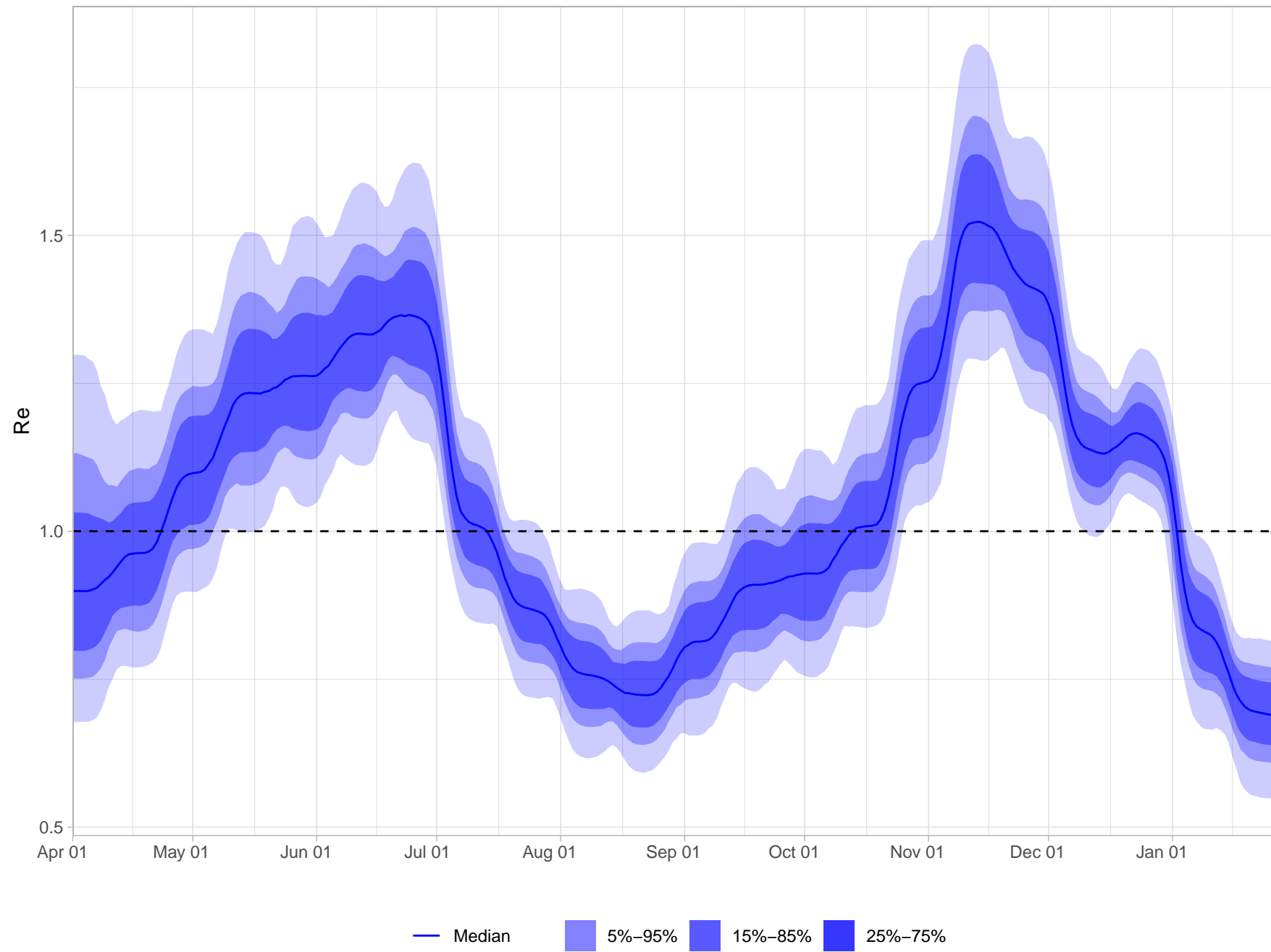
# Short Term Death Projection



# Long Term Death Projection

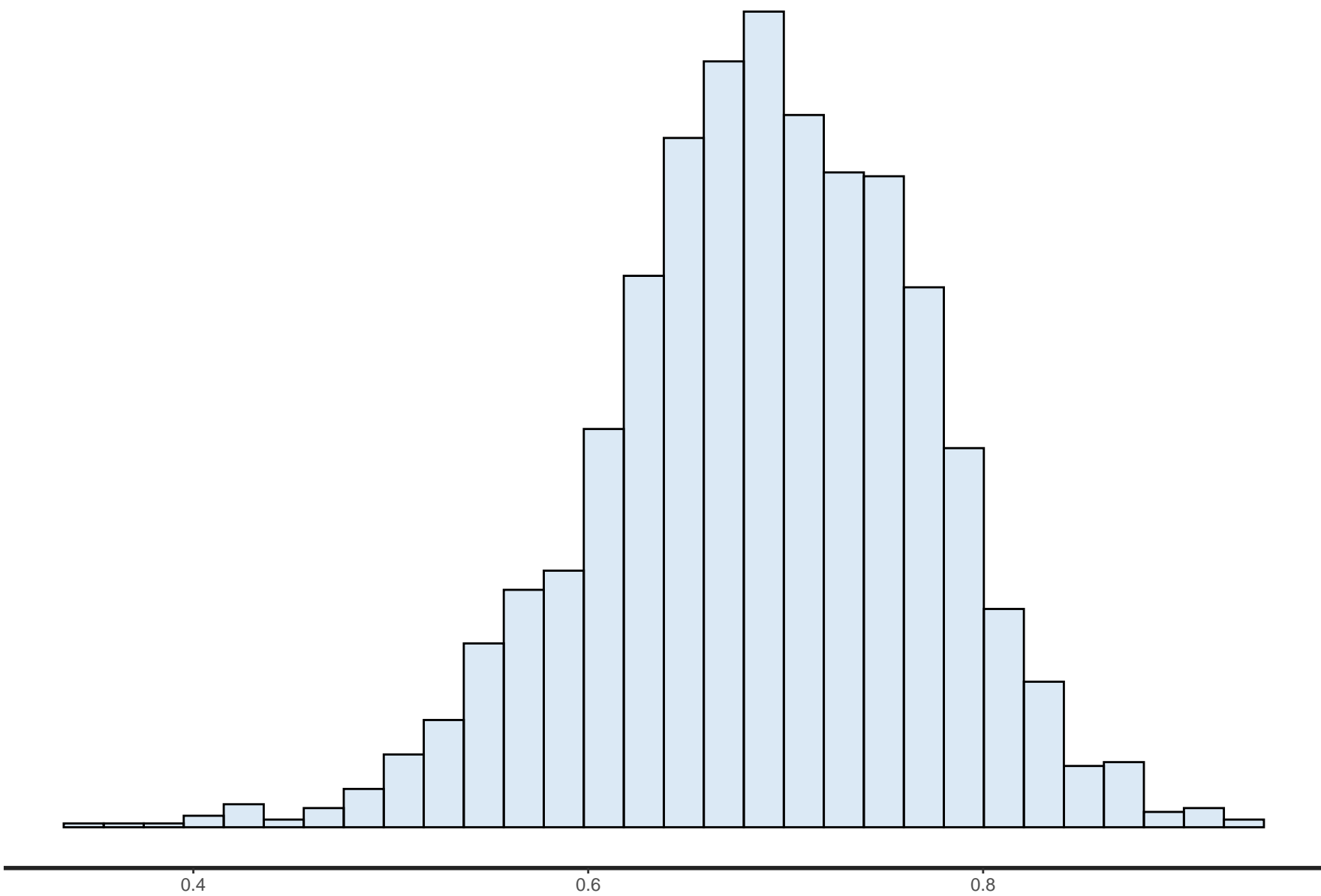


Effective Reproduction Number

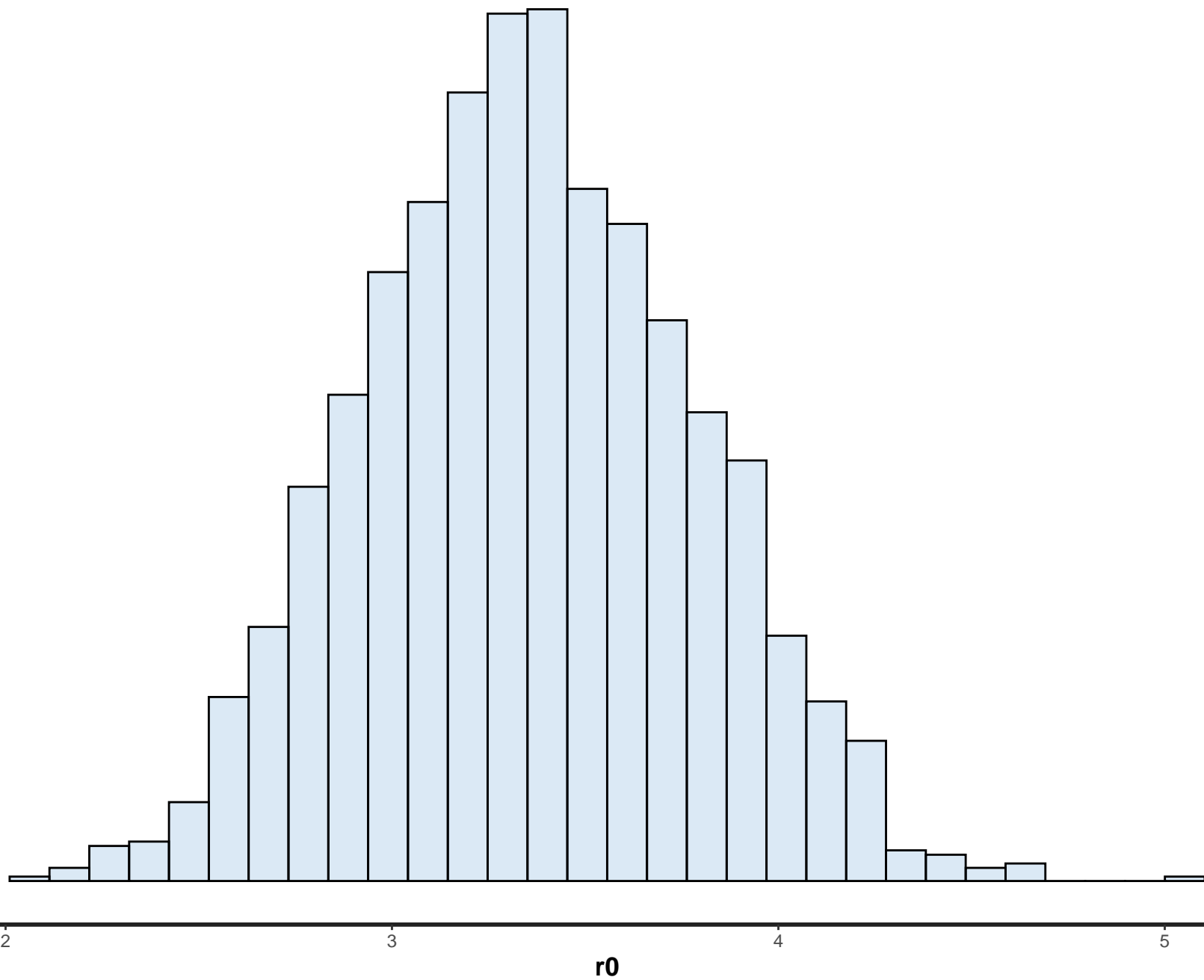


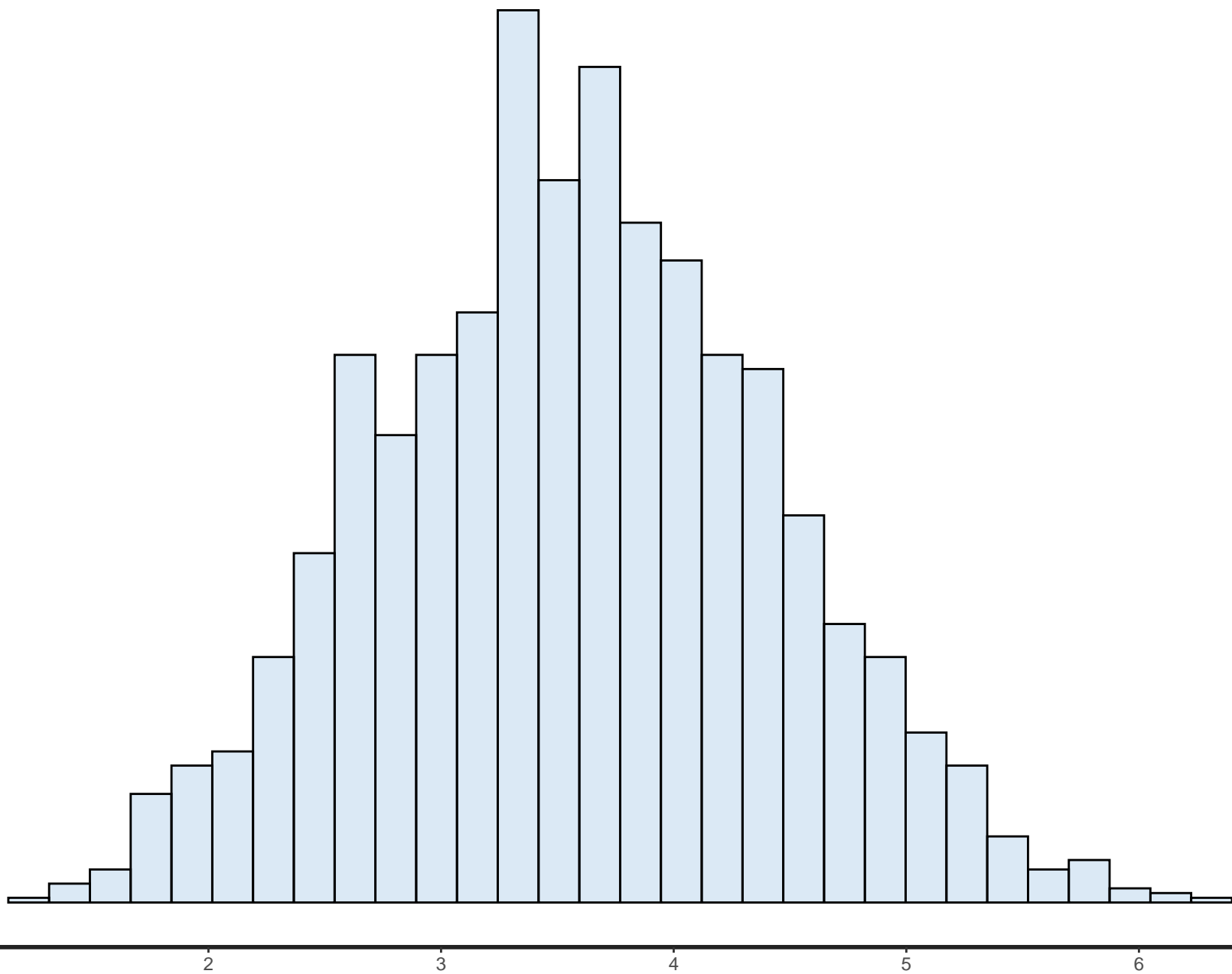
# Rt as of 2021-01-26

5% 10% 25% 50% 75% 90% 95%  
0.55 0.58 0.64 0.69 0.74 0.79 0.81

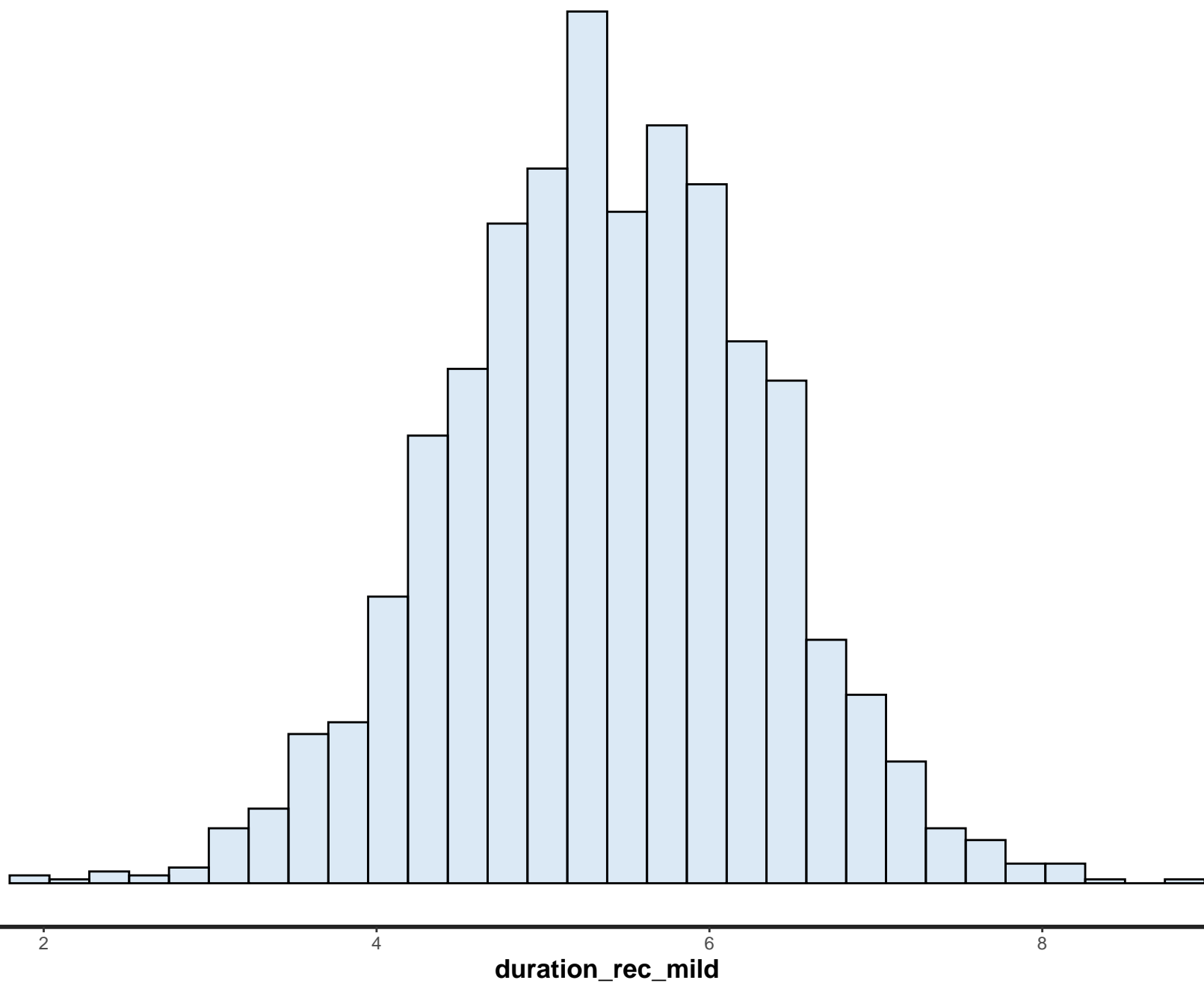


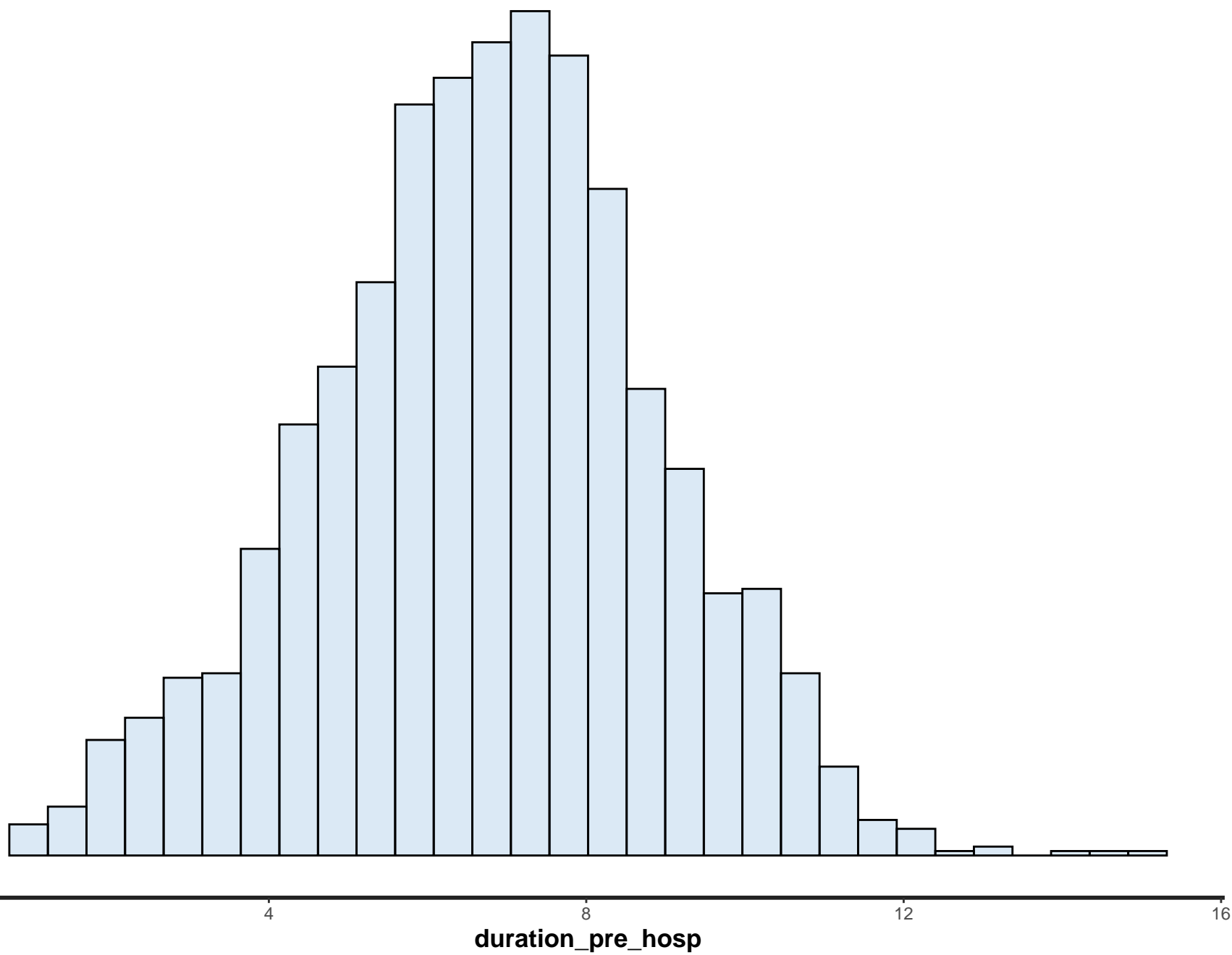


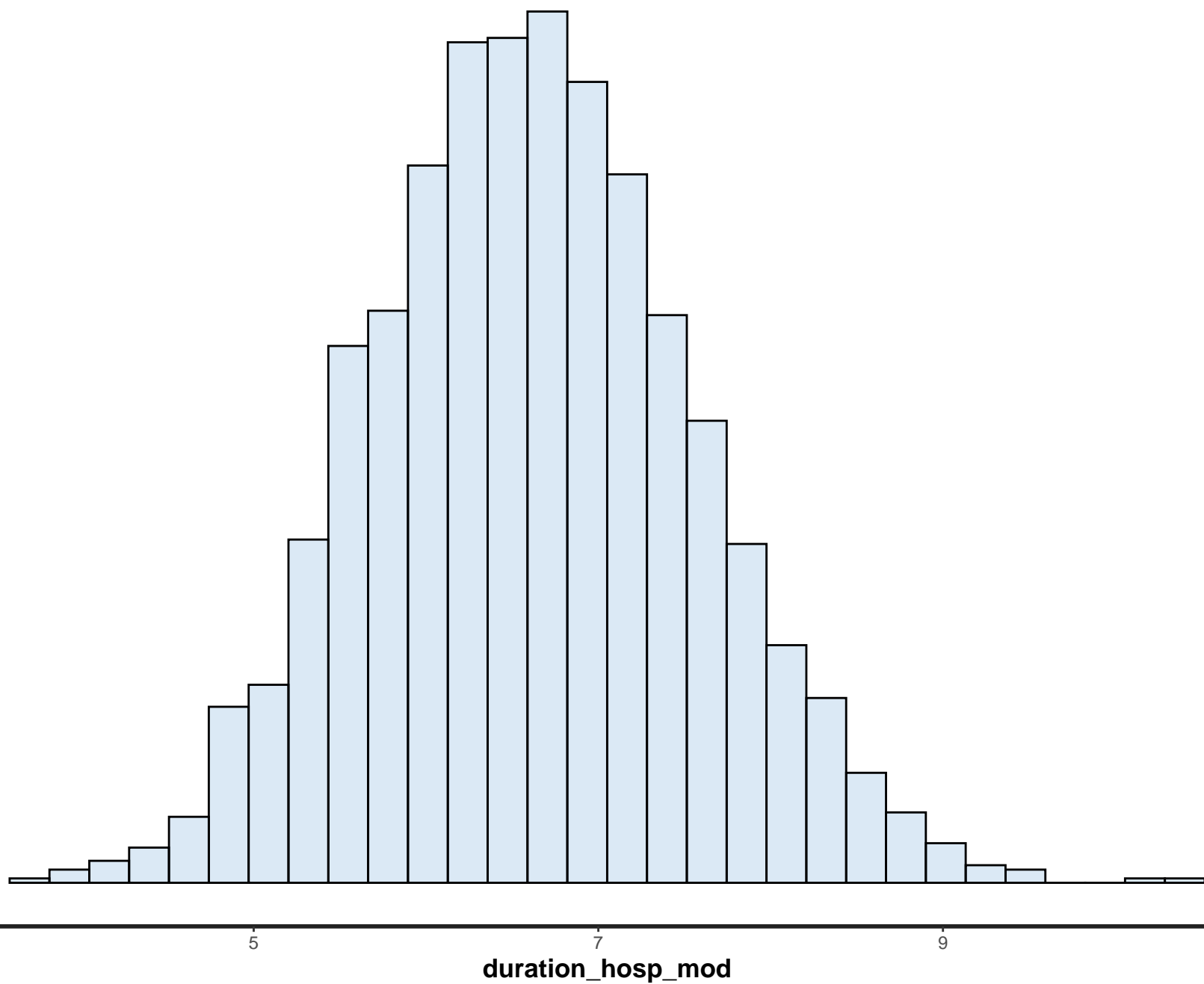


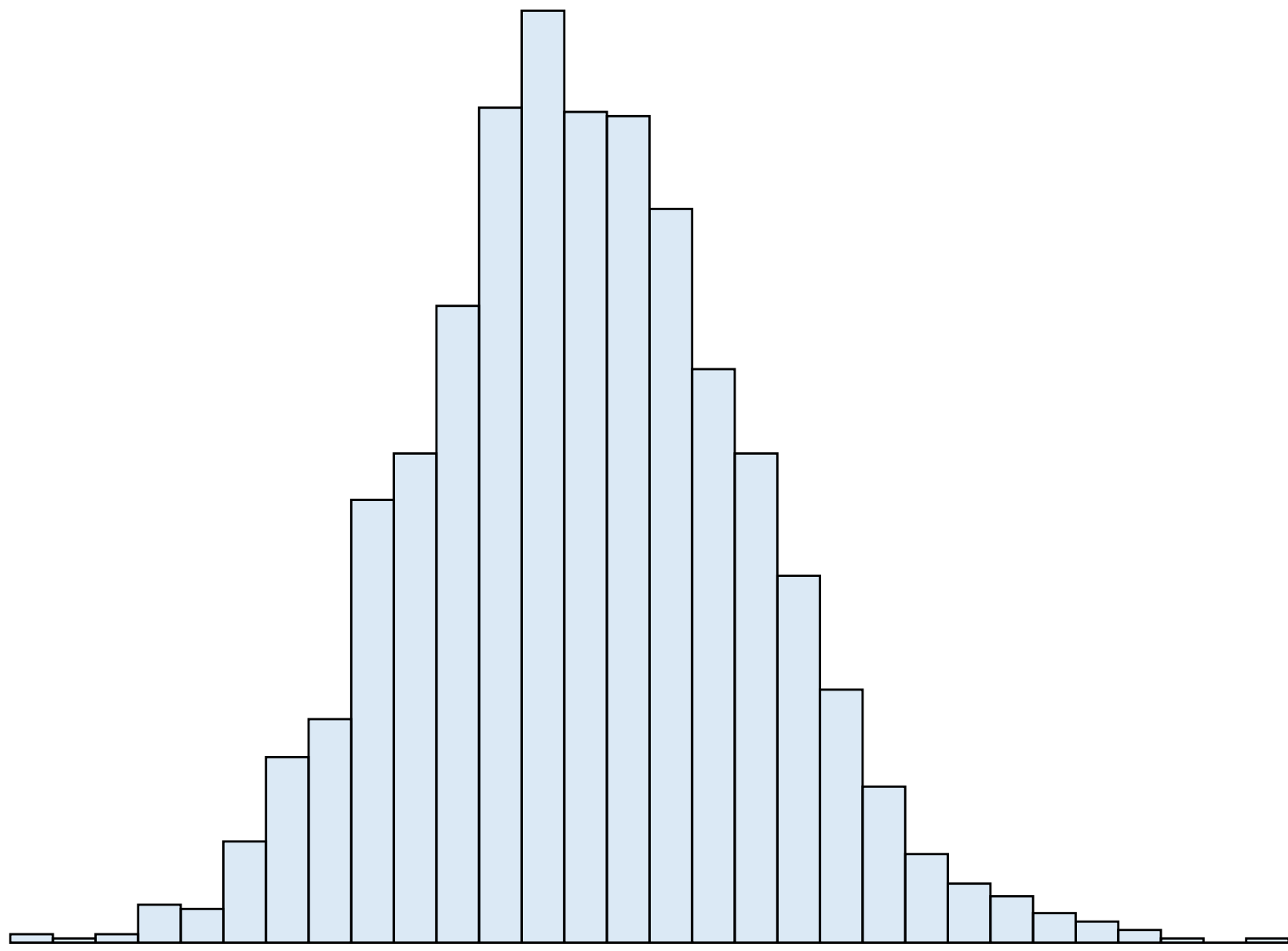


`duration_latent`









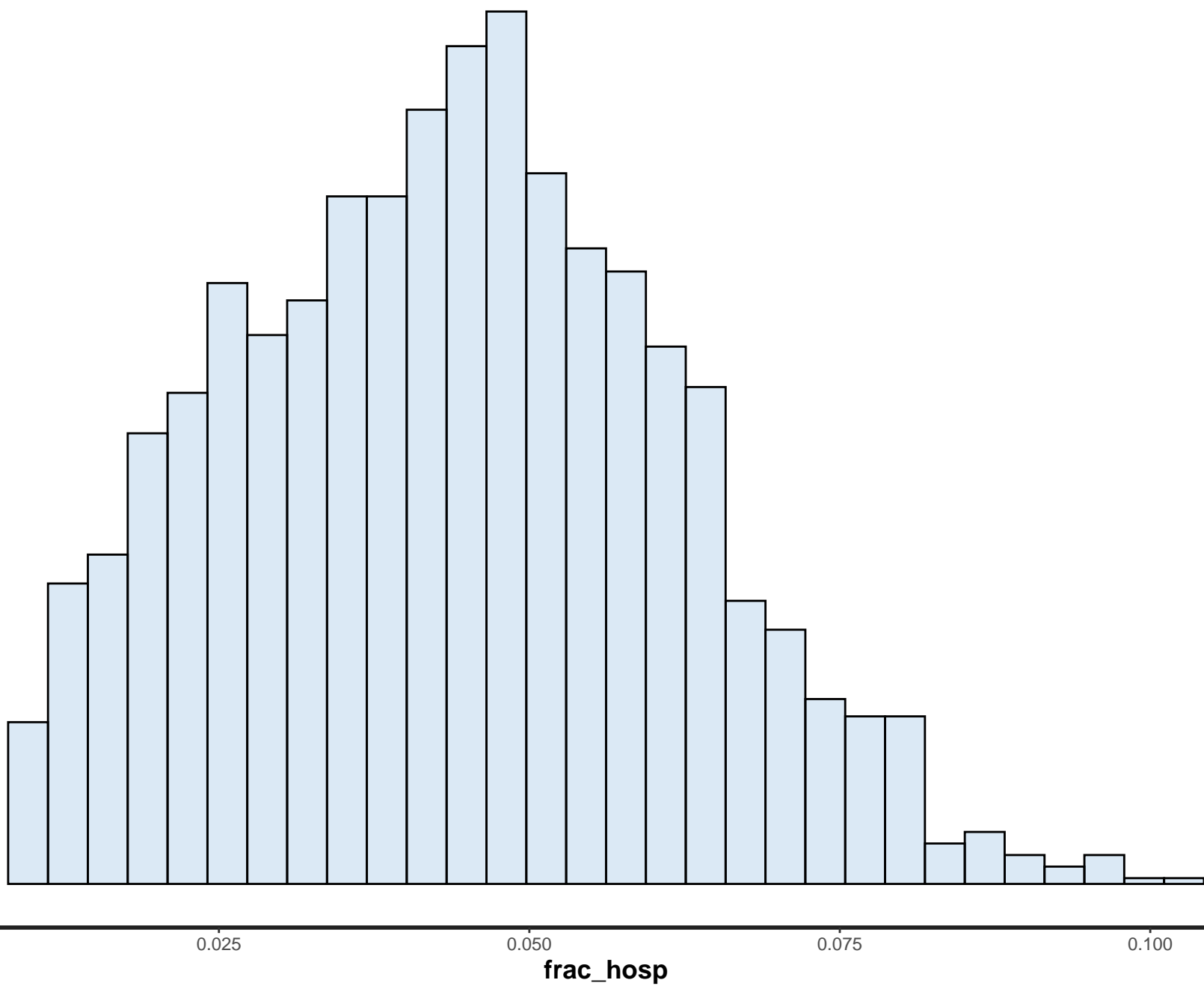
8

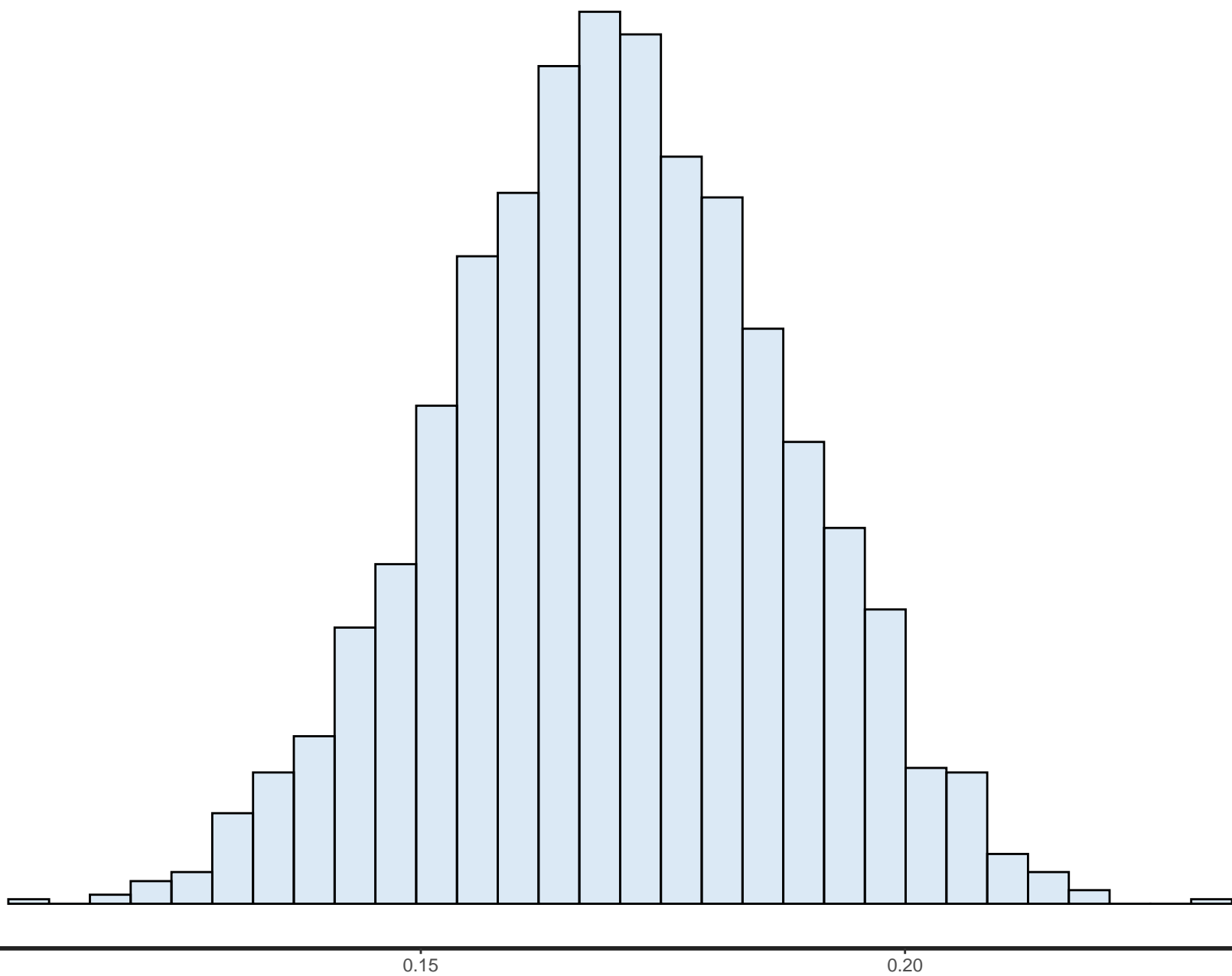
10

12

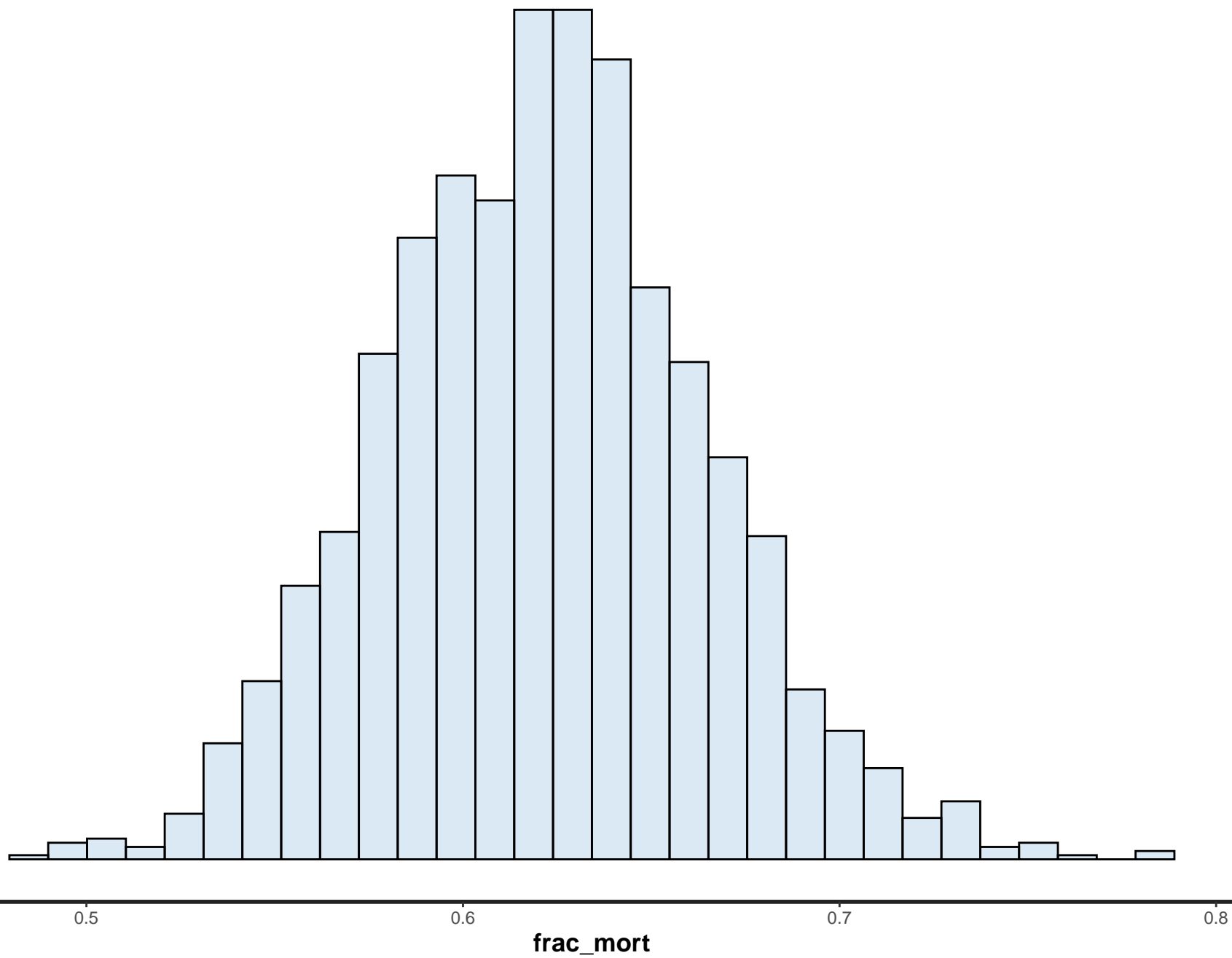
14

duration\_hosp\_icu









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.

Number of Correct Answers	Frequency
0.5	1
0.6	1
0.7	2
0.8	3
0.9	4
1.0	5
1.1	4
1.2	3
1.3	2
1.4	1
1.5	1
1.6	1
1.7	1
1.8	1
1.9	1
2.0	1

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

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 1.5. The y-axis represents the frequency, ranging from 0 to 10. The distribution is roughly bell-shaped, centered around 10 correct answers.

Number of Correct Answers	Frequency
6	1
7	2
8	3
9	5
10	8
11	10
12	9
13	6
14	4
15	2
16	1
17	1
18	1

A histogram showing the frequency of the number of children per family. The x-axis is labeled 'Number of children' and ranges from 0.5 to 1.5. The y-axis is labeled 'Frequency' and ranges from 0 to 10. The distribution is roughly bell-shaped, centered around 1.0, with a peak frequency of 10 for 1.0 children.

A histogram showing the distribution of the number of trials until the first success. The x-axis is labeled with 1.0 and 1.5. The distribution is right-skewed, with a peak around 1.0 and a long tail extending to the right.

Number of Correct Answers	Frequency
5	1
6	2
7	3
8	5
9	8
10	10
11	9
12	7
13	5
14	3
15	2
16	1

Number of Correct Answers	Frequency
0.50	1
0.55	2
0.60	3
0.65	4
0.70	6
0.75	8
0.80	10
0.85	11
0.90	12
0.95	13
1.00	14
1.05	13
1.10	11
1.15	10
1.20	9
1.25	7
1.30	6
1.35	5
1.40	4
1.45	3
1.50	2
1.55	1
1.60	1
1.65	1
1.70	1
1.75	1

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, peaking at 1.25 correct answers with a frequency of 10.

Number of correct answers (bin center)	Frequency
0.625	1
0.75	2
0.875	3
1.0	5
1.125	7
1.25	10
1.375	8
1.5	5
1.625	3
1.75	2
1.875	1

A histogram showing the frequency of the number of children per family. The x-axis is labeled 'Number of children' and ranges from 0.4 to 1.6 with major ticks at 0.4, 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 highest frequency is 10, occurring for 1.0 child per family.

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 2.0 with major ticks at 1.0, 1.5, and 2.0. The y-axis represents frequency, with a scale from 0 to 10. The distribution is unimodal and slightly right-skewed, with a peak frequency of 10 for 1.25 children. The bars are light blue with black outlines.

[illegible]

A histogram showing the frequency distribution of the number of correct answers for a 10-item test. The x-axis is labeled with values 0.50, 0.75, 1.00, 1.25, and 1.50. The y-axis represents frequency, with the highest bar reaching a frequency of 10. The distribution is unimodal and slightly right-skewed, centered around 7.5 to 8.0 correct answers.

Number of Correct Answers	Frequency
4	1
5	2
6	3
7	10
8	9
9	6
10	3
11	1
12	1
13	1
14	1

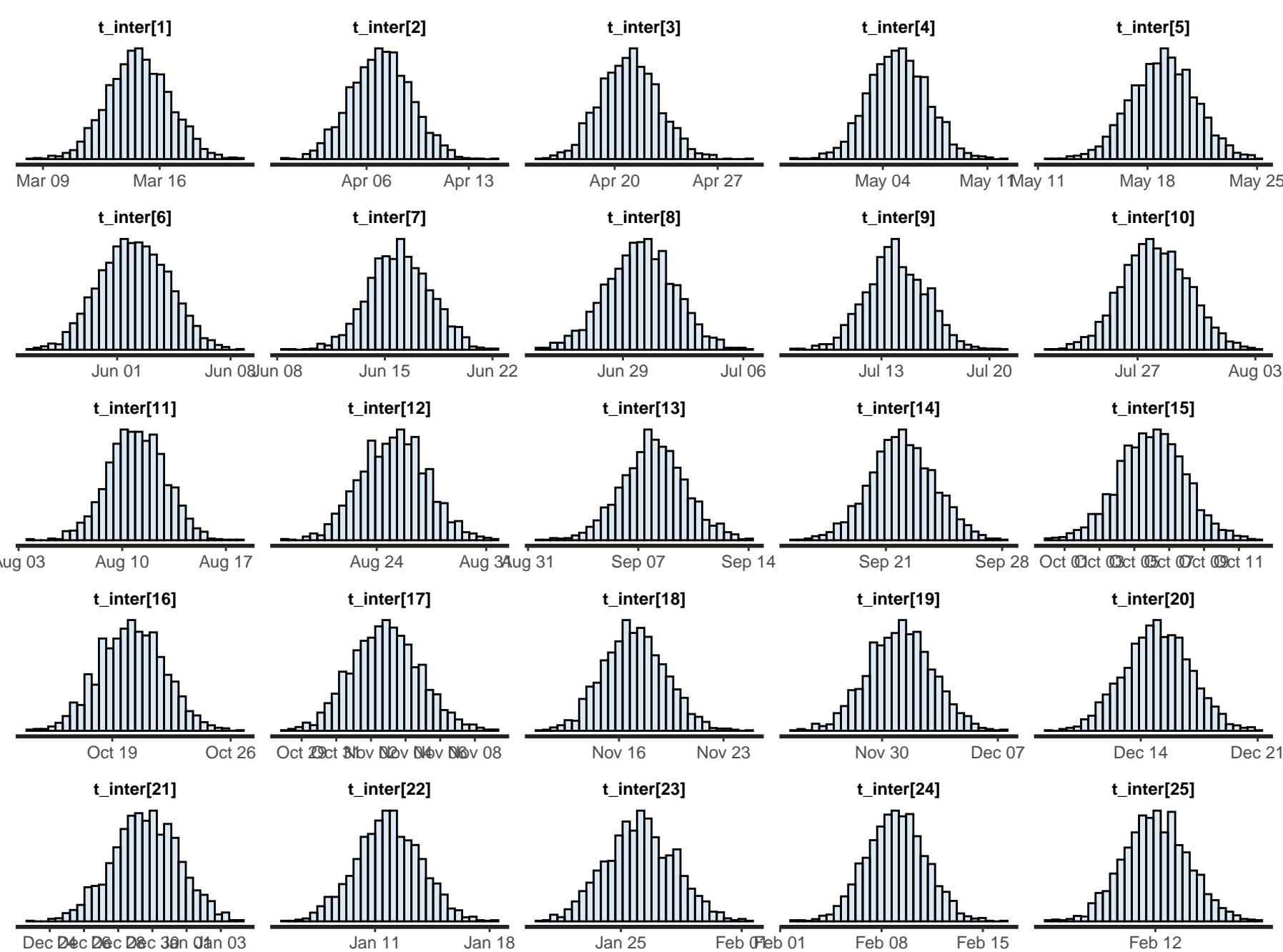
A histogram showing the frequency of correct answers for a 10-item test. The x-axis represents the number of correct answers, ranging from 0.4 to 1.6 with major ticks every 0.4 units. The y-axis represents the frequency, ranging from 0 to 10 with major ticks every 2 units. The distribution is roughly bell-shaped, centered around 0.8 and 0.9, with a peak frequency of 10 for both 0.8 and 0.9 correct answers.

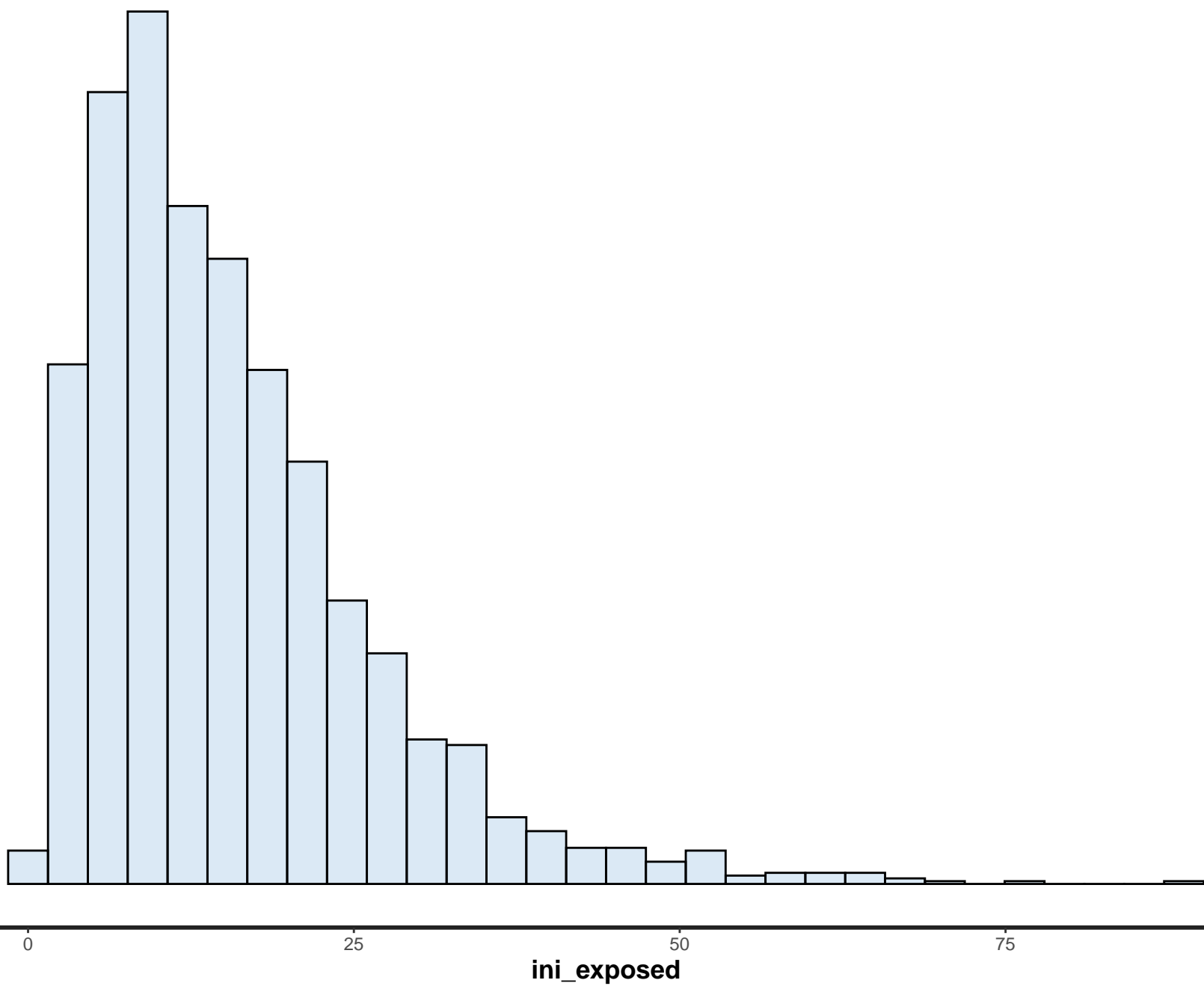
Number of Correct Answers	Frequency
0.4	1
0.5	2
0.6	3
0.7	5
0.8	10
0.9	10
1.0	8
1.1	6
1.2	4
1.3	3
1.4	2
1.5	1

A histogram showing the distribution of the number of trials until the first success. The x-axis is labeled with values 0.8, 1.0, 1.2, and 1.4. The distribution is unimodal and slightly right-skewed, with a peak around 1.0. The bars are light blue with black outlines.

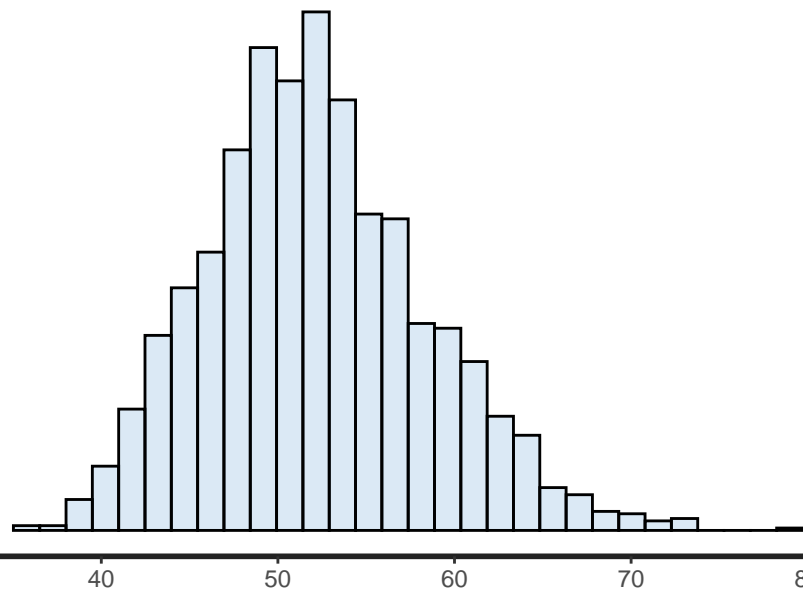
A histogram showing the distribution of the sample mean of 1000 samples of size 100. The x-axis is labeled 'Sample Mean' and ranges from 0.8 to 1.2. The y-axis is labeled 'Frequency' and ranges from 0 to 100. The histogram consists of 20 bars, each with a width of 0.05. The distribution is bell-shaped and centered at 1.0, with a peak frequency of approximately 100.

A histogram showing the distribution of the sample mean of 1000 samples of size 100. The distribution is centered at 0.5000, with x-axis labels at 0.4998, 0.5000, and 0.5002.

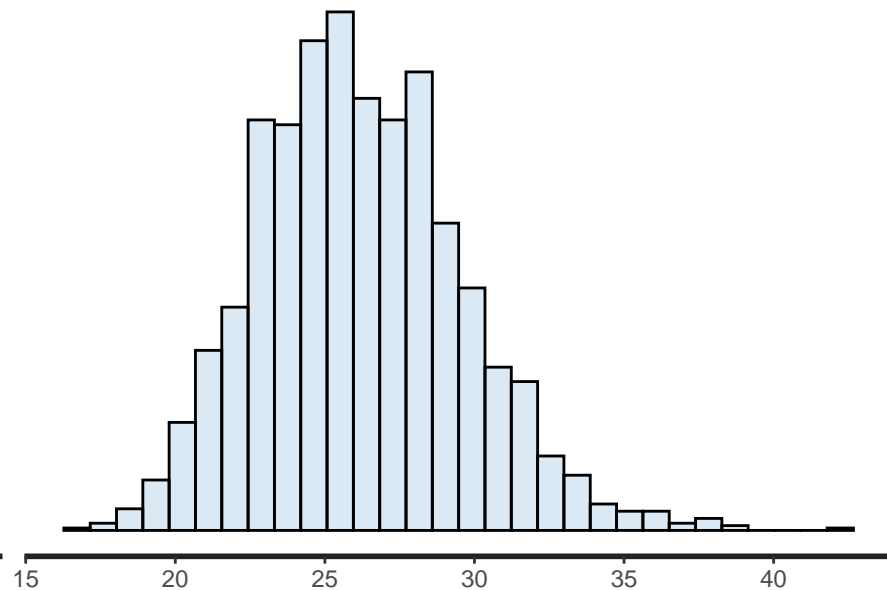




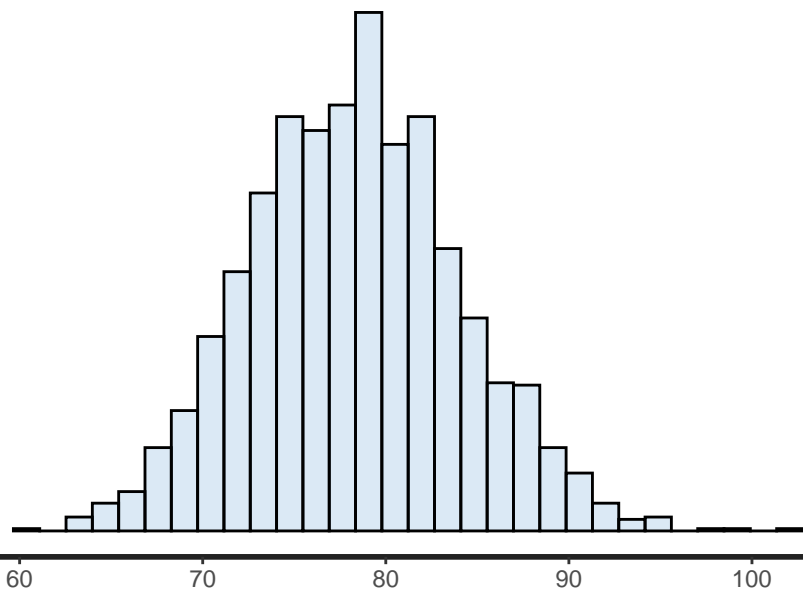
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

