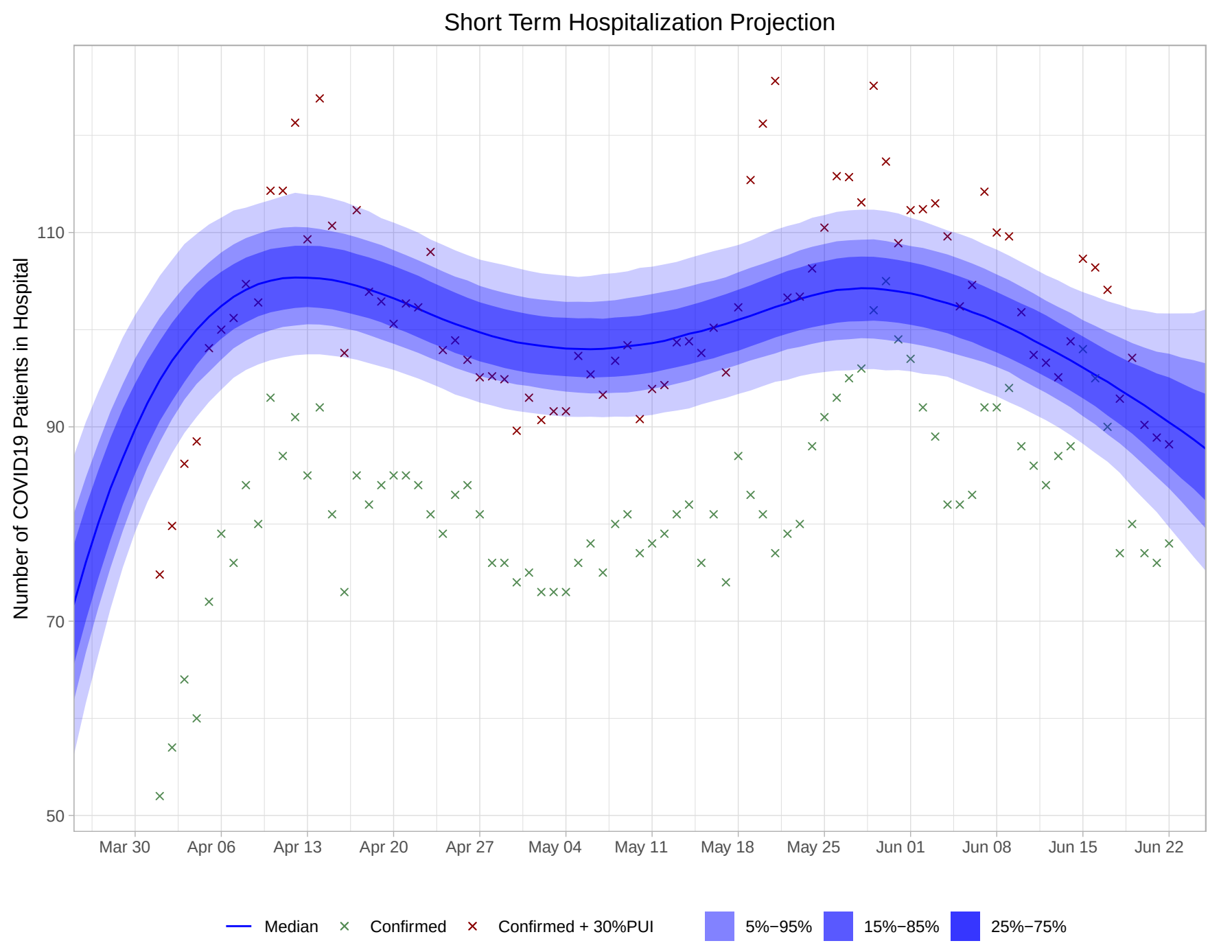
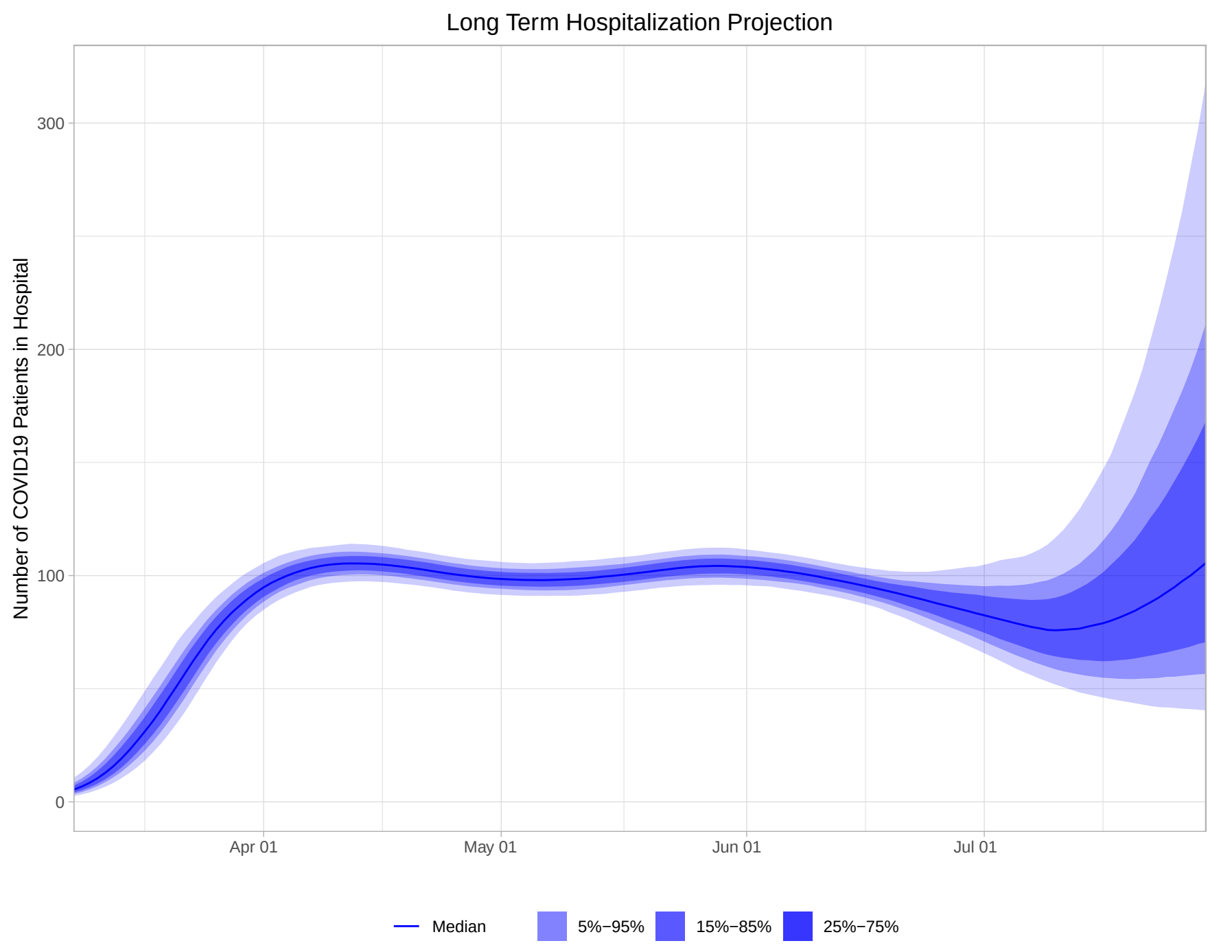
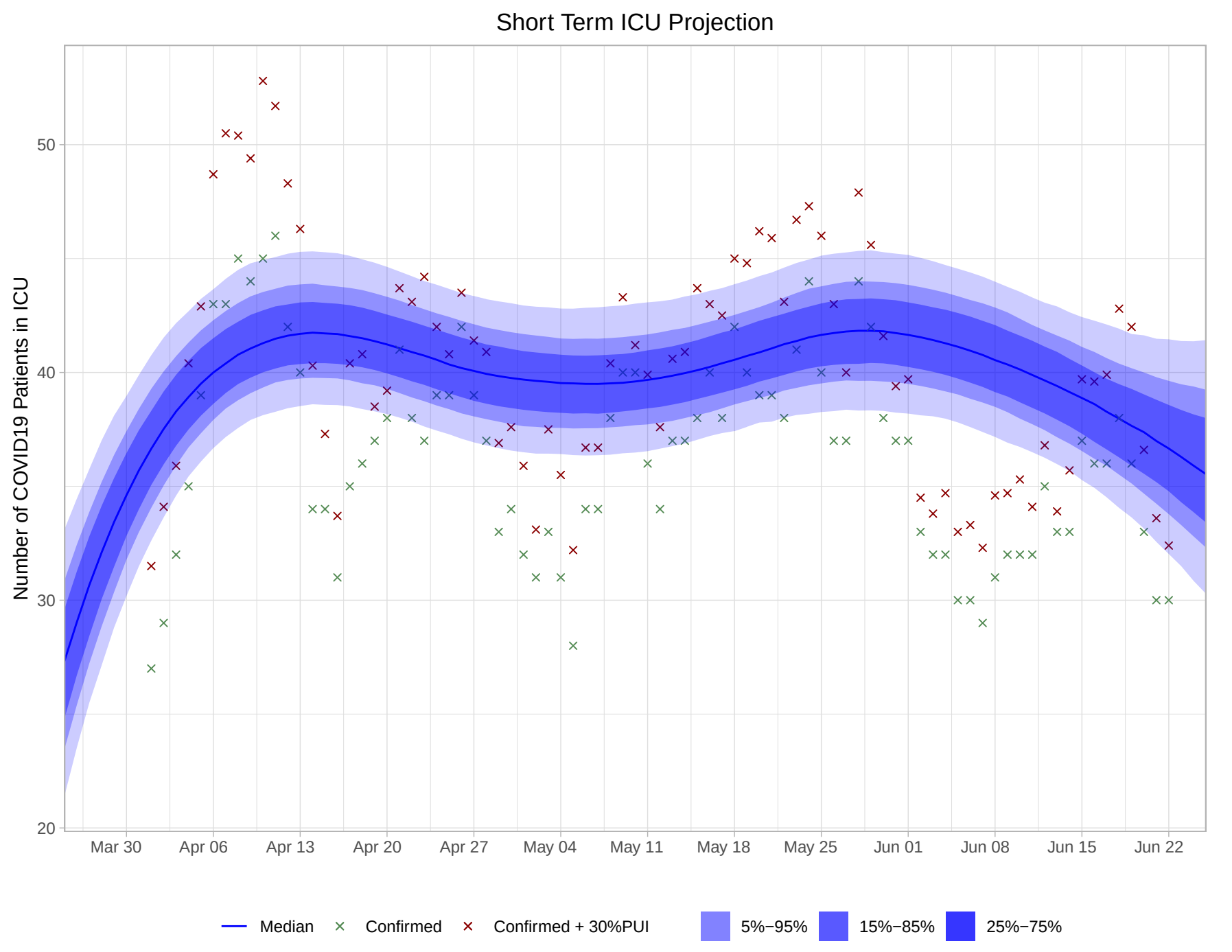
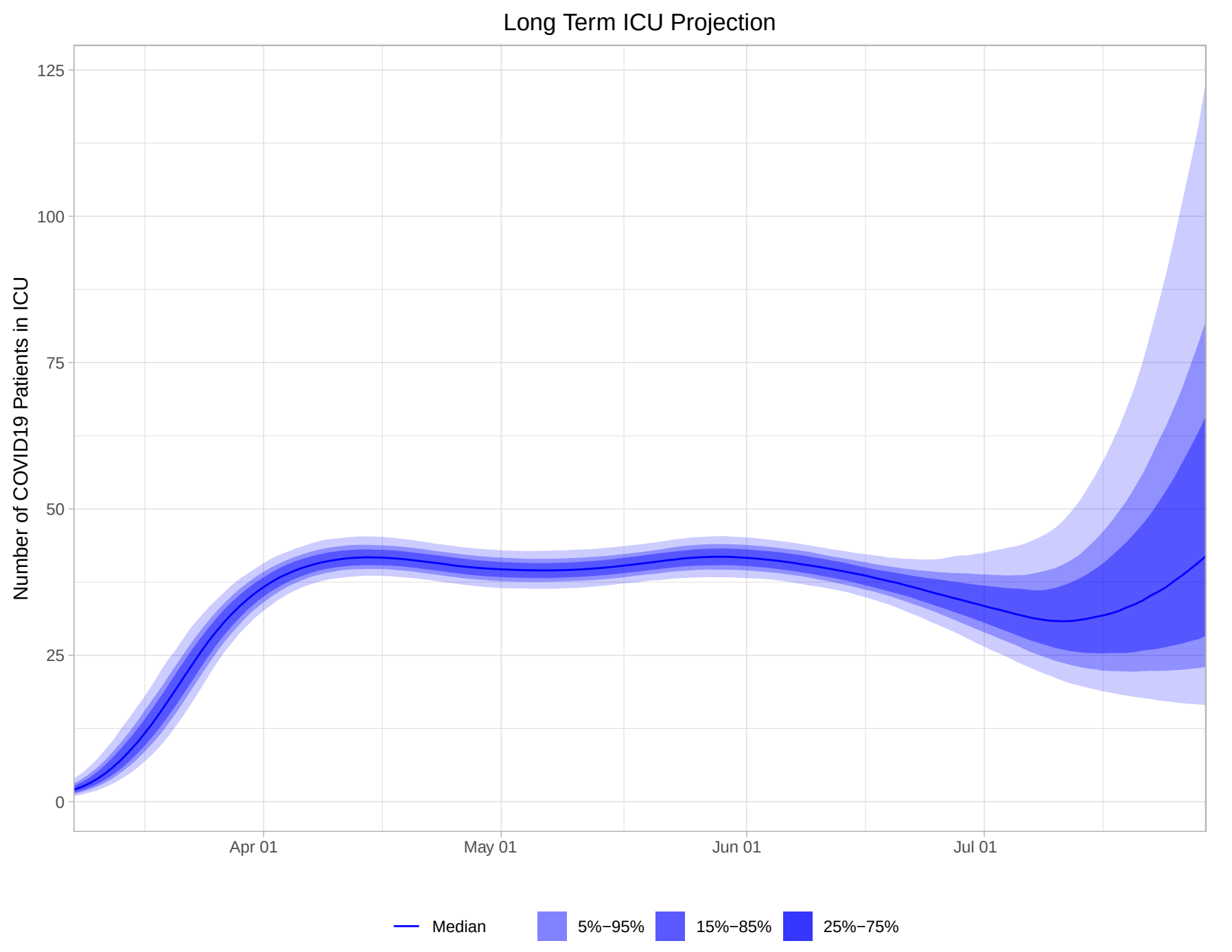
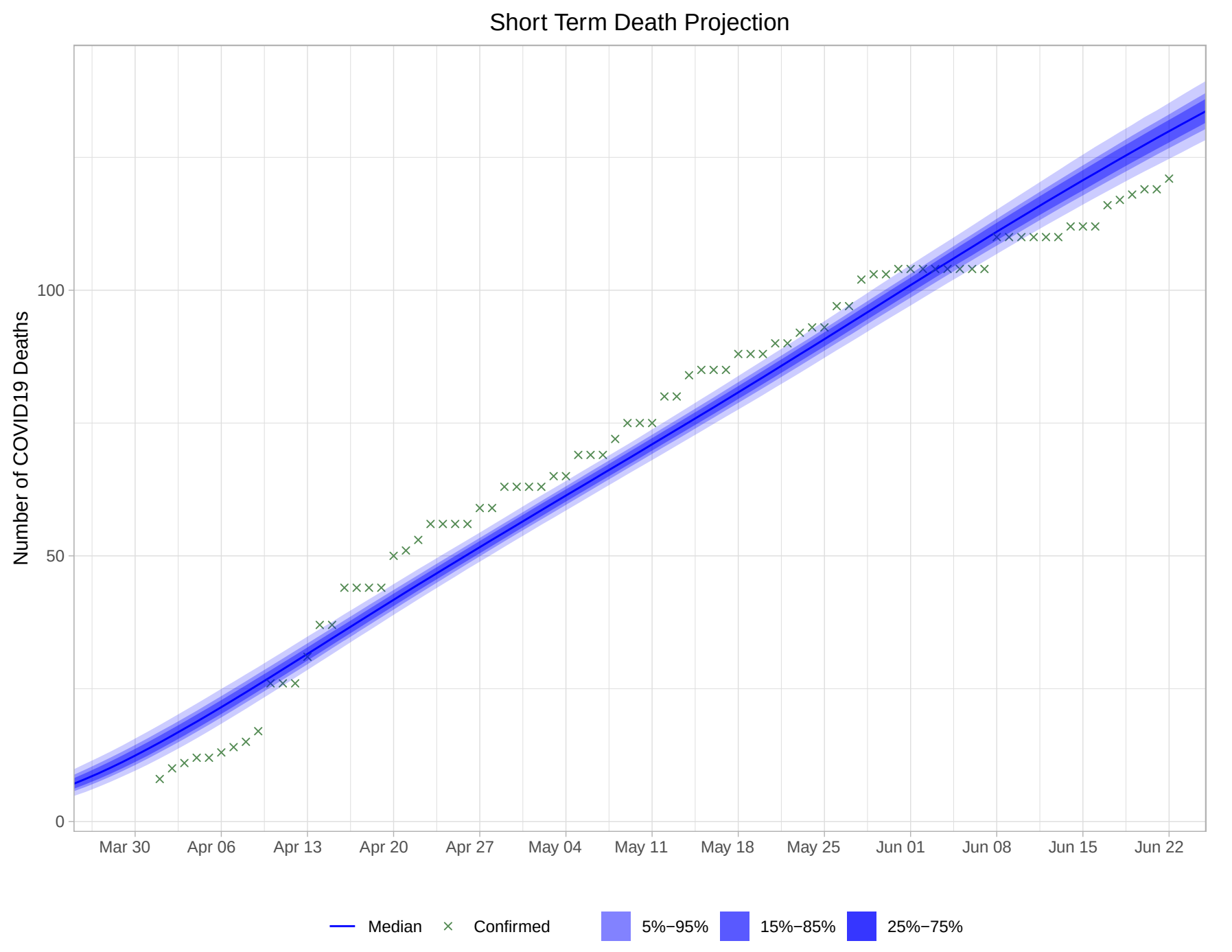
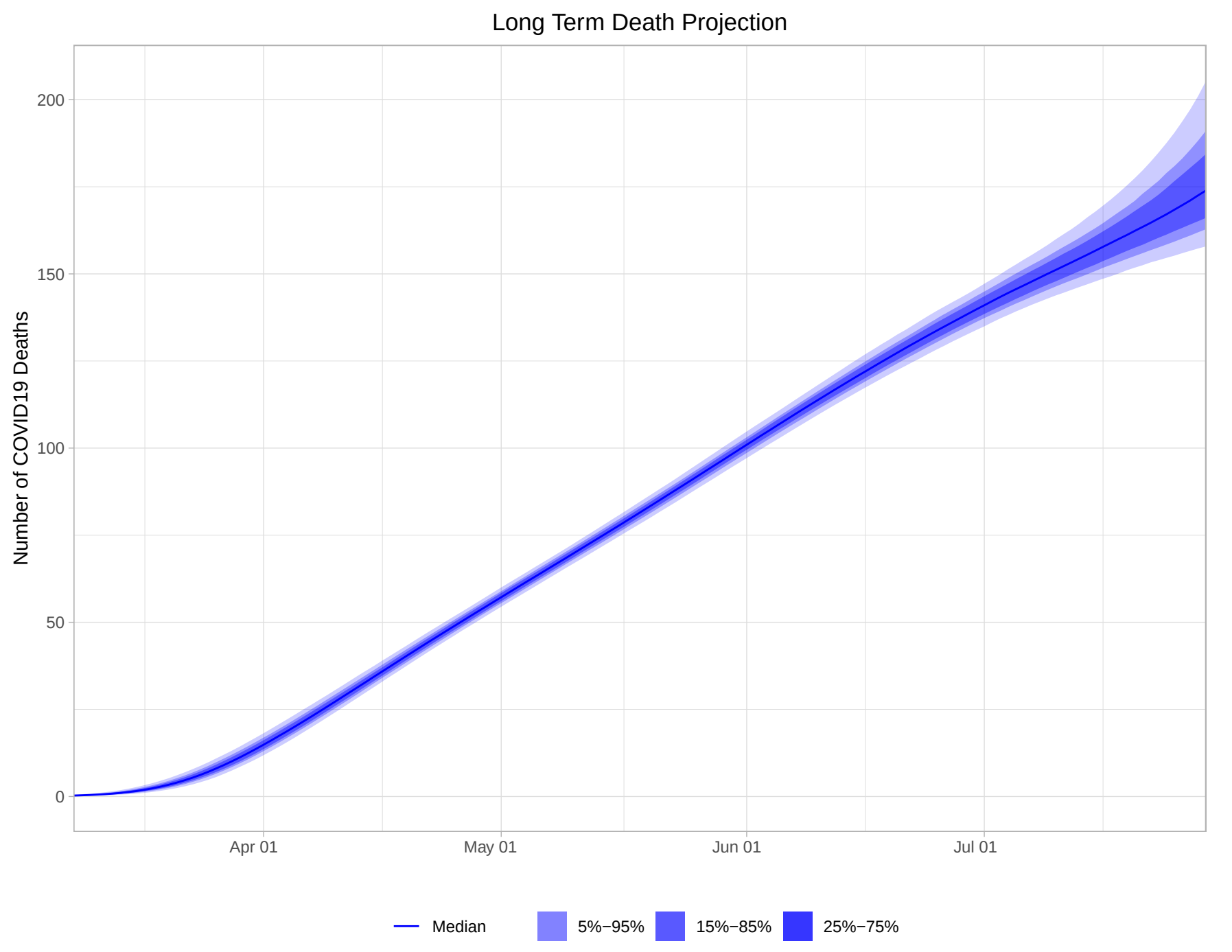

Short Term Hospitalization Projection
Number of COVID19 Patients in Hospital
110
90
70
50
Mar 30
Apr 06
Apr 13
Apr 20
Apr 27
May 04
May 11
May 18
May 25
Jun 01
Jun 08
Jun 15
Jun 22
Median
Confirmed
Confirmed + 30%PUI
5%−95%
15%−85%
25%−75%

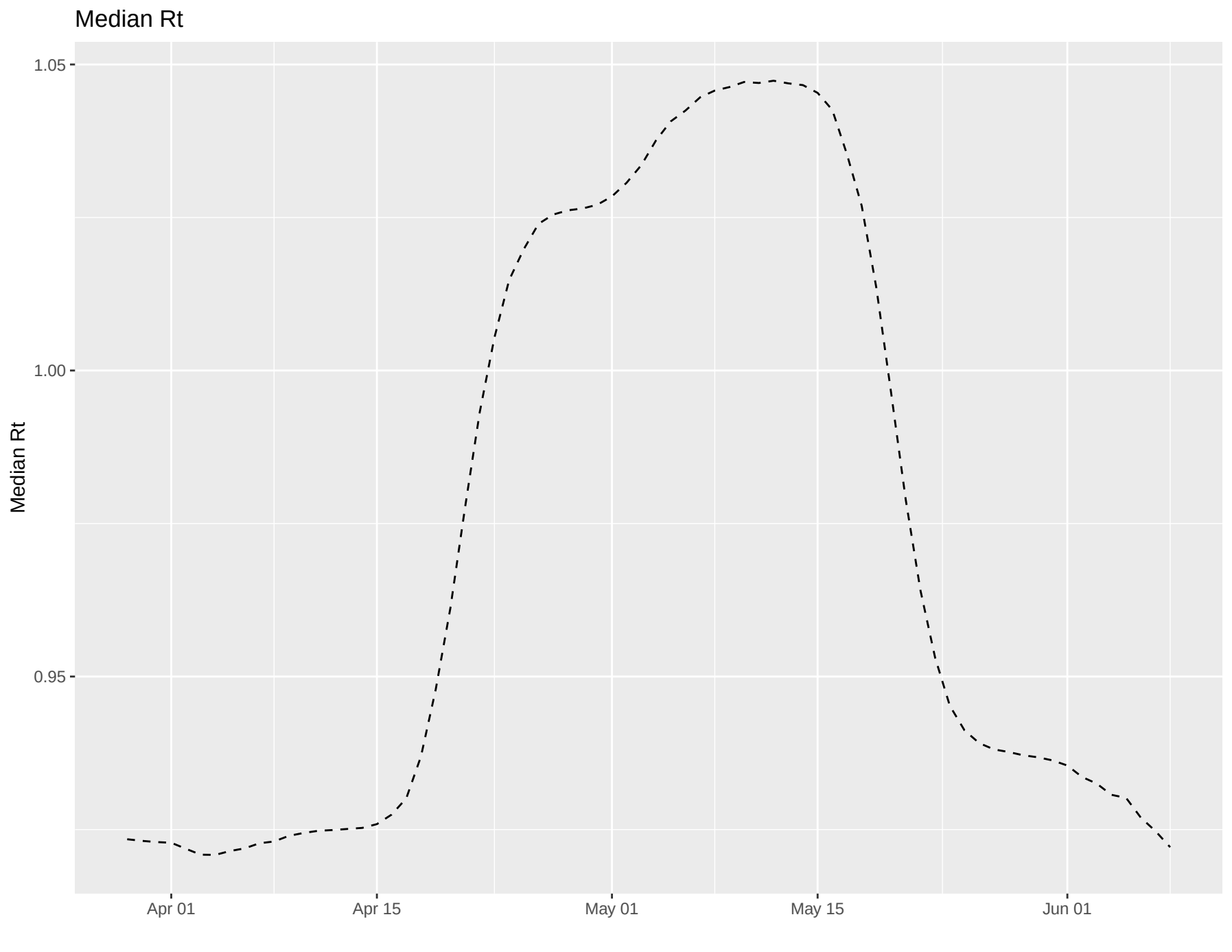

Long Term Hospitalization Projection
Number of COVID19 Patients in Hospital
300
200
100
0
Apr 01
May 01
Jun 01
Jul 01
Median
5%−95%
15%−85%
25%−75%


Short Term ICU Projection
Number of COVID19 Patients in ICU
50
40
30
20
Mar 30
Apr 06
Apr 13
Apr 20
Apr 27
May 04
May 11
May 18
May 25
Jun 01
Jun 08
Jun 15
Jun 22
Median
Confirmed
Confirmed + 30%PUI
5%−95%
15%−85%
25%−75%


Long Term ICU Projection
Number of COVID19 Patients in ICU
125
100
75
50
25
0
Apr 01
May 01
Jun 01
Jul 01
Median
5%−95%
15%−85%
25%−75%

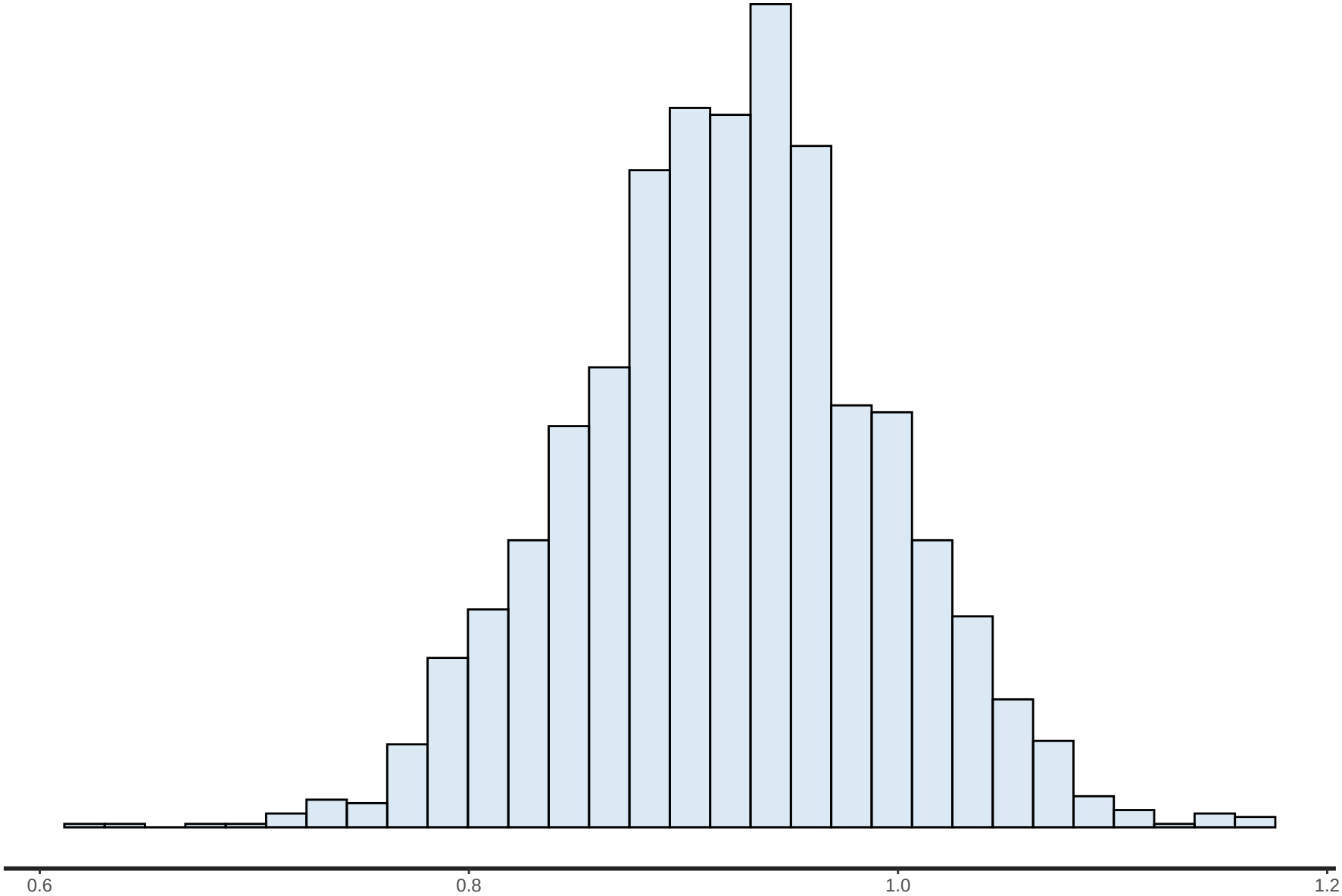

Short Term Death Projection
Number of COVID19 Deaths
0
50
100
Mar 30
Apr 06
Apr 13
Apr 20
Apr 27
May 04
May 11
May 18
May 25
Jun 01
Jun 08
Jun 15
Jun 22
Median
Confirmed
5%−95%
15%−85%
25%−75%

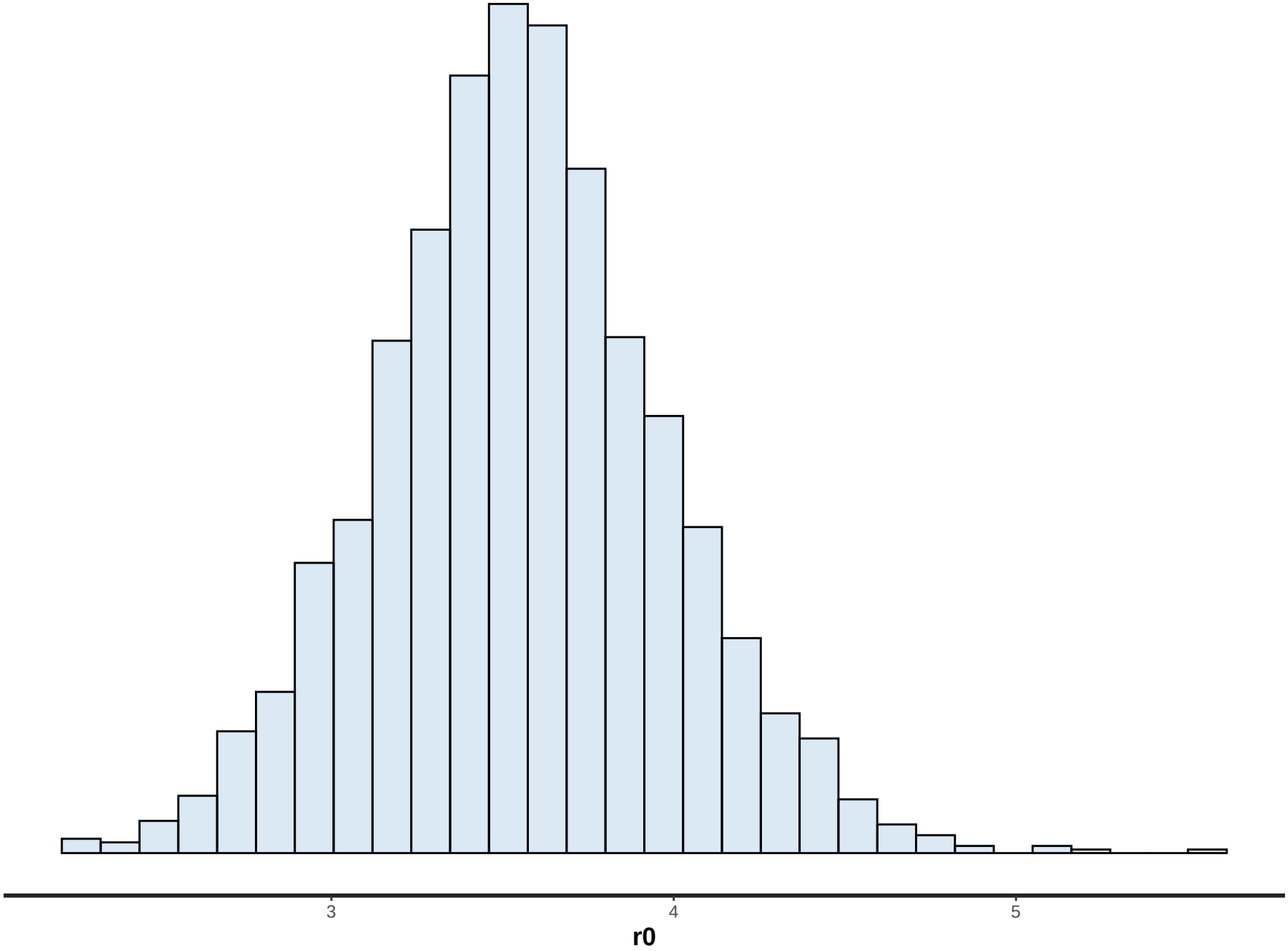

Long Term Death Projection
Number of COVID19 Deaths
200
150
100
50
0
Apr 01
May 01
Jun 01
Jul 01
Median
5%−95%
15%−85%
25%−75%

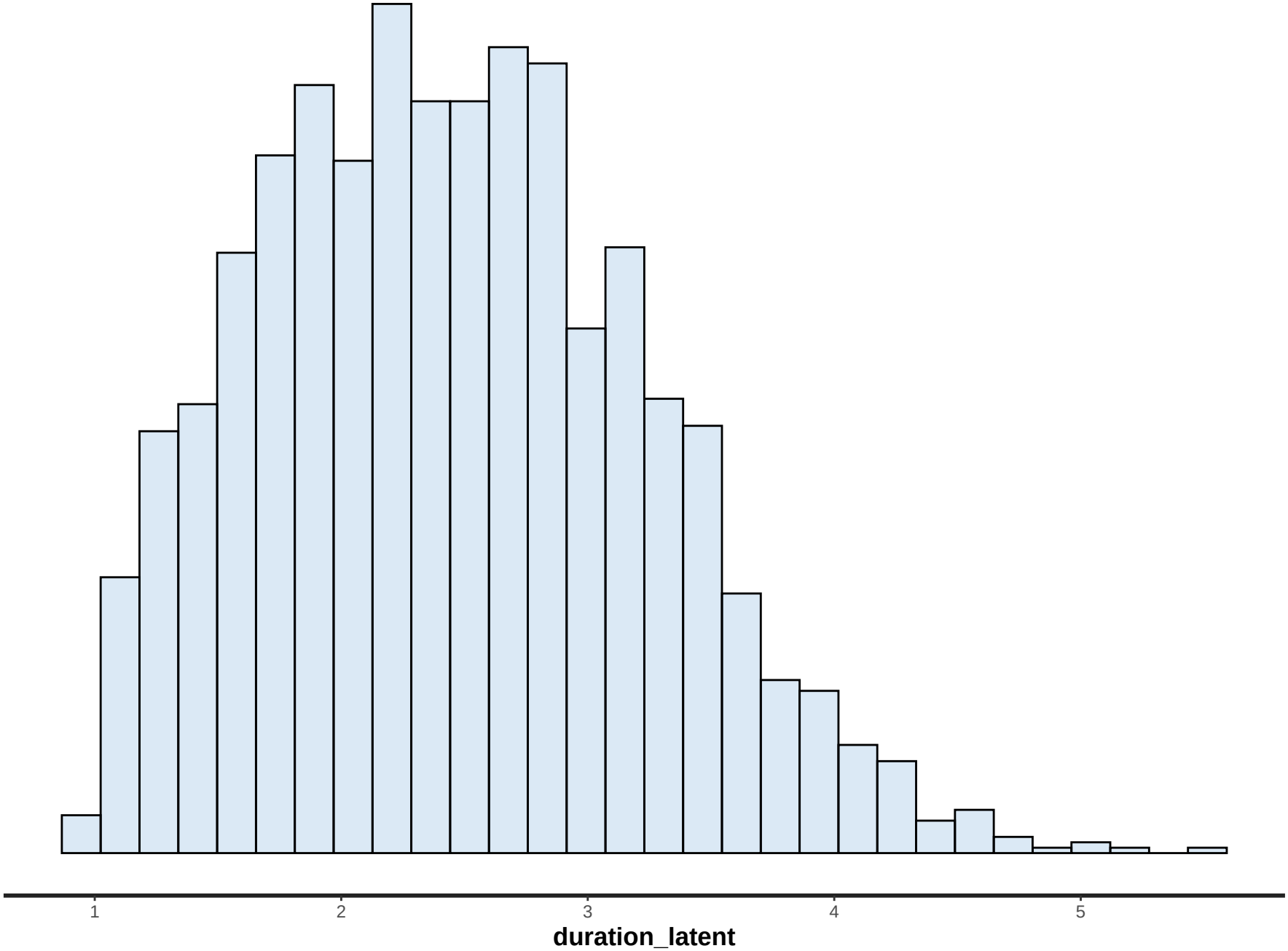

Median Rt
1.05
1.00
0.95
Median Rt
Apr 01
Apr 15
May 01
May 15
Jun 01

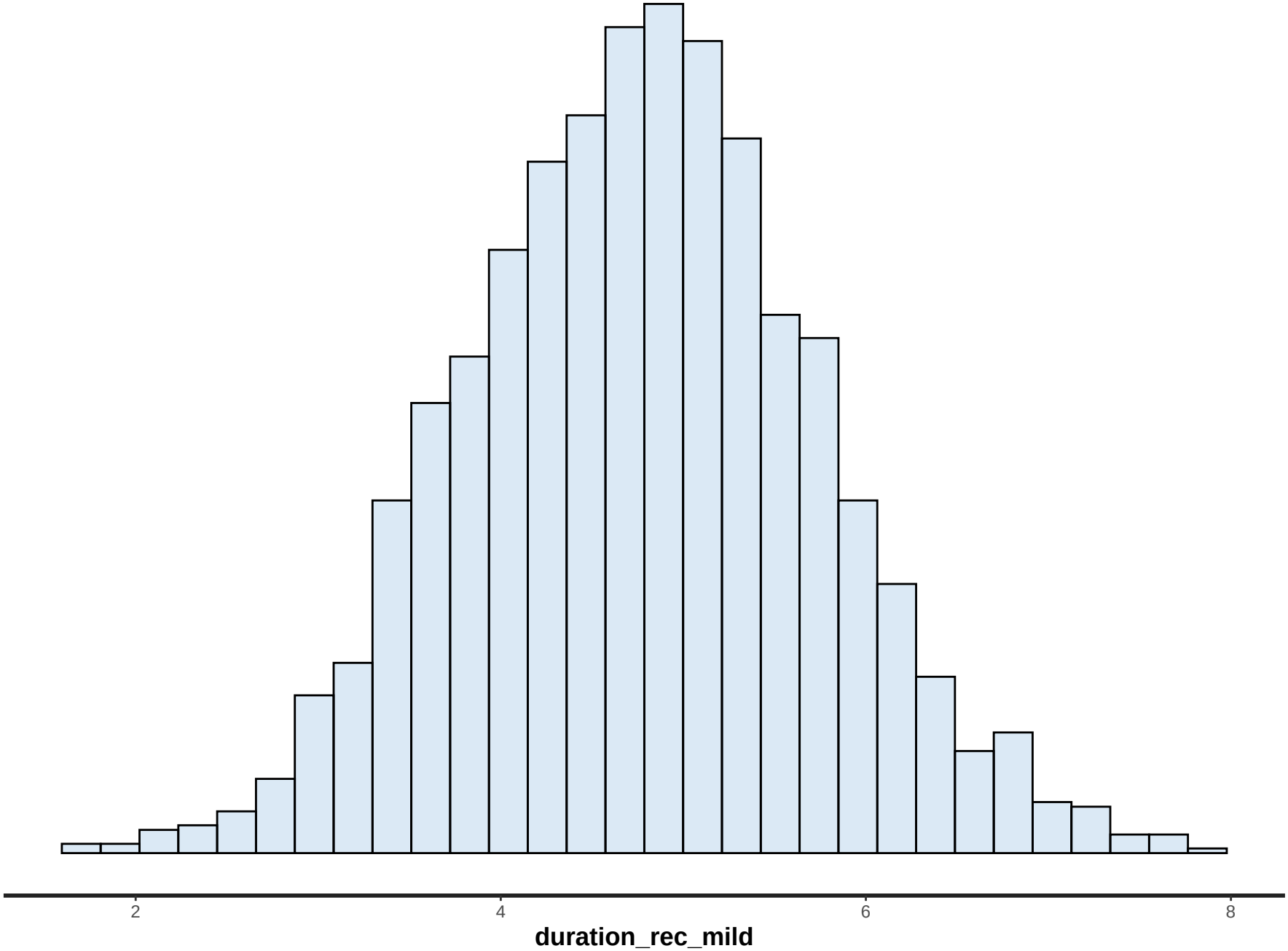
Rt as of 2020−06−08

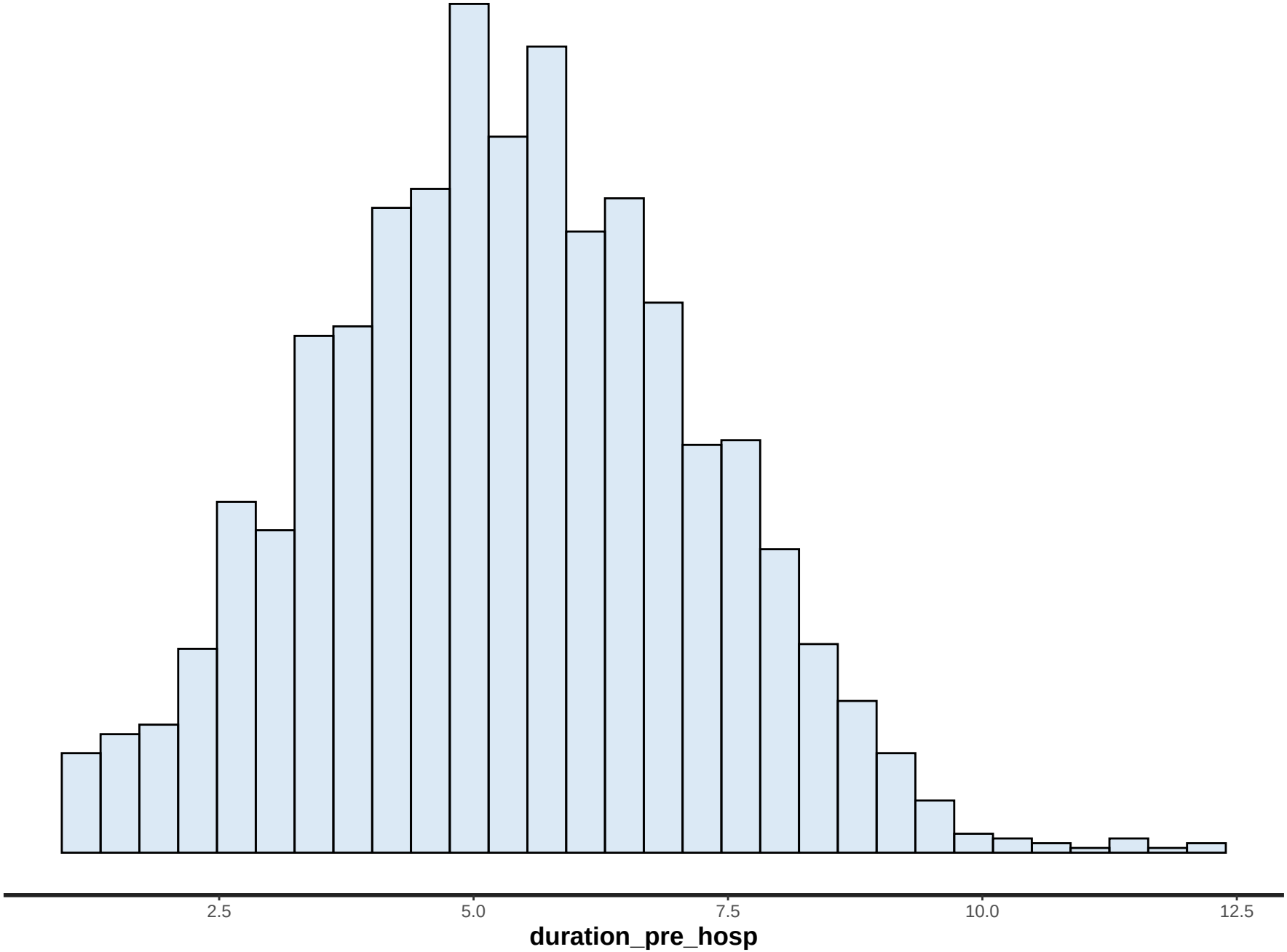
5%	10%	25%	50%	75%	90%	95%
0.80	0.83	0.88	0.92	0.97	1.01	1.04

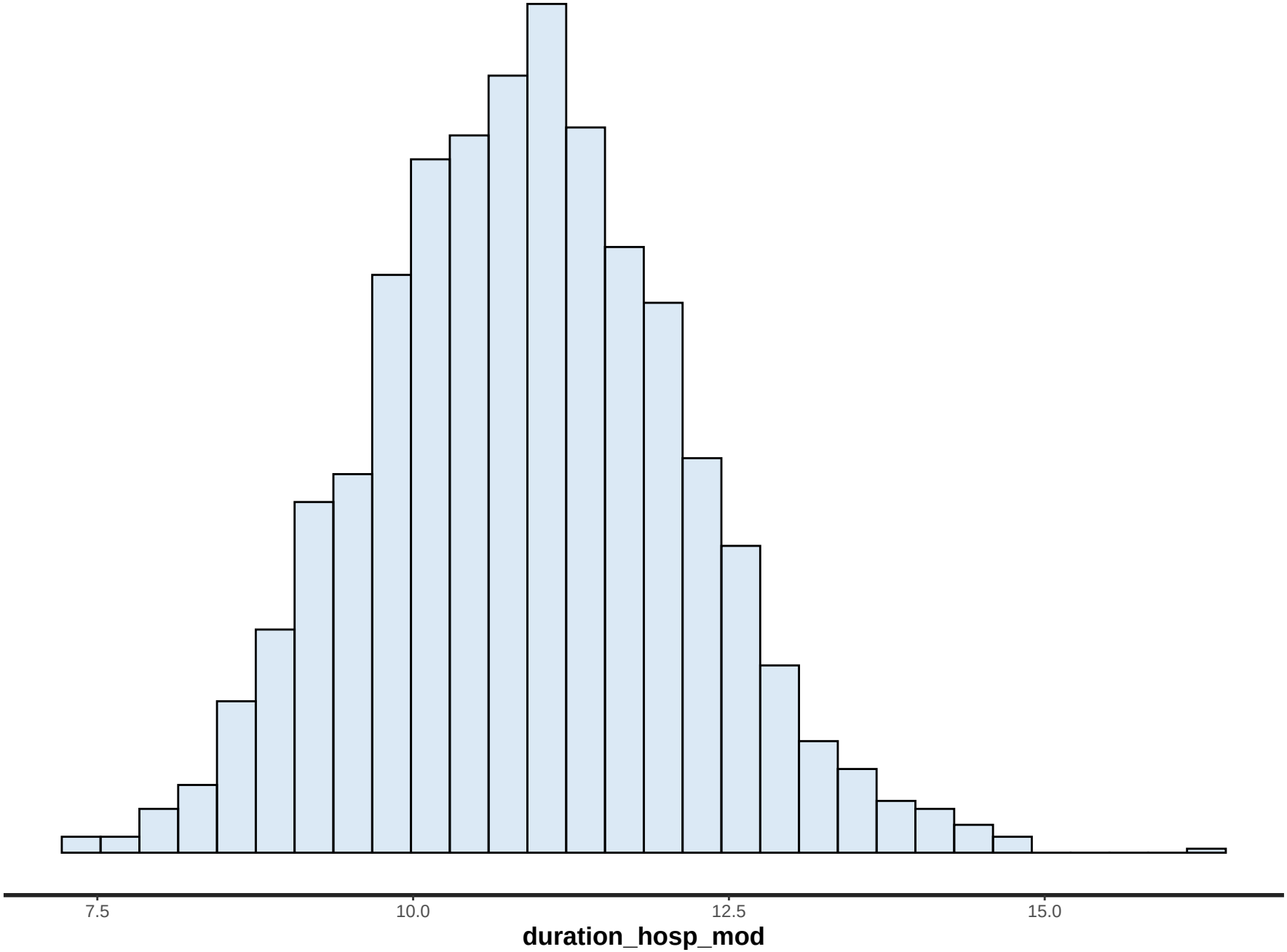


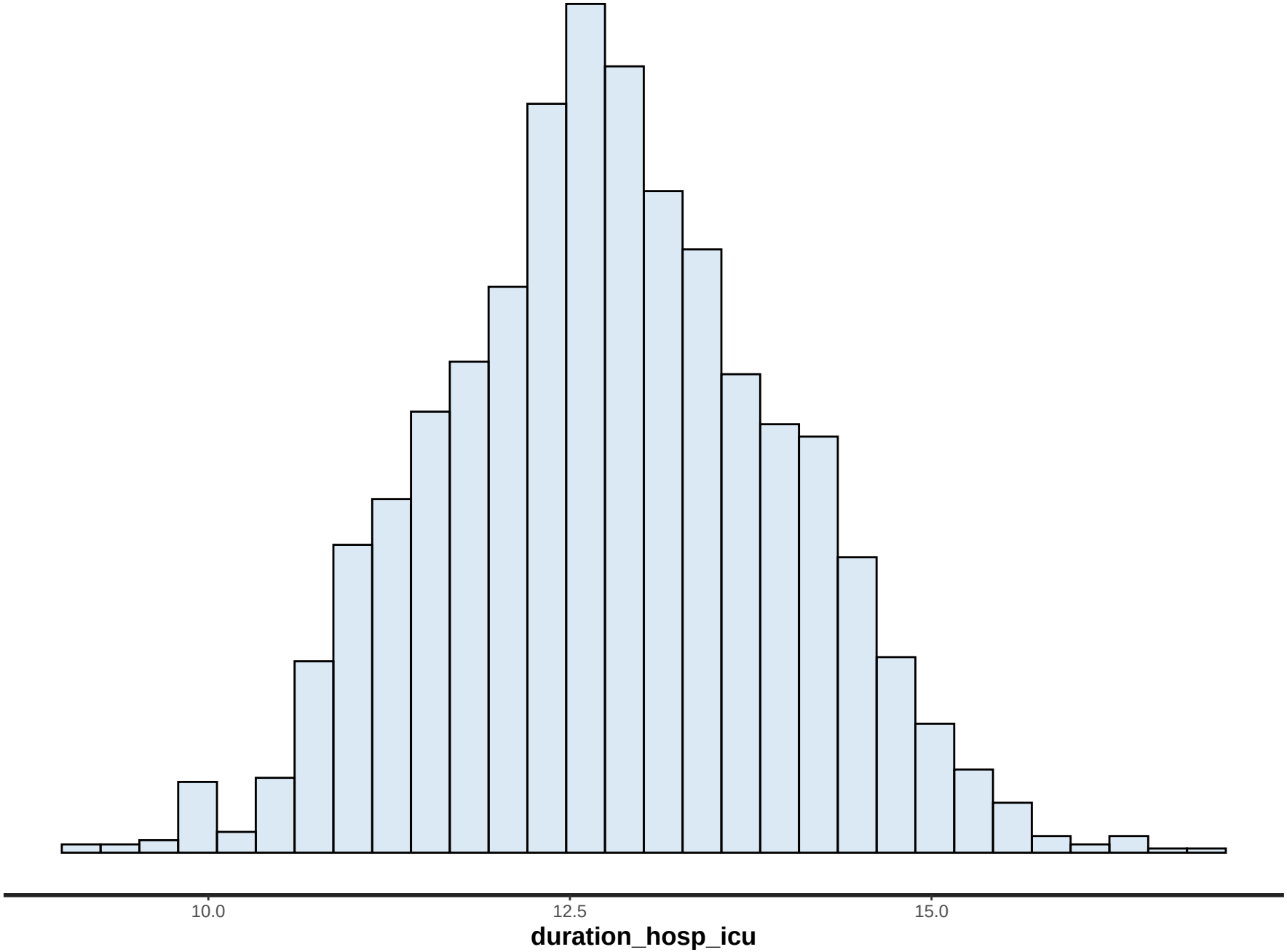

3
4
5
r0

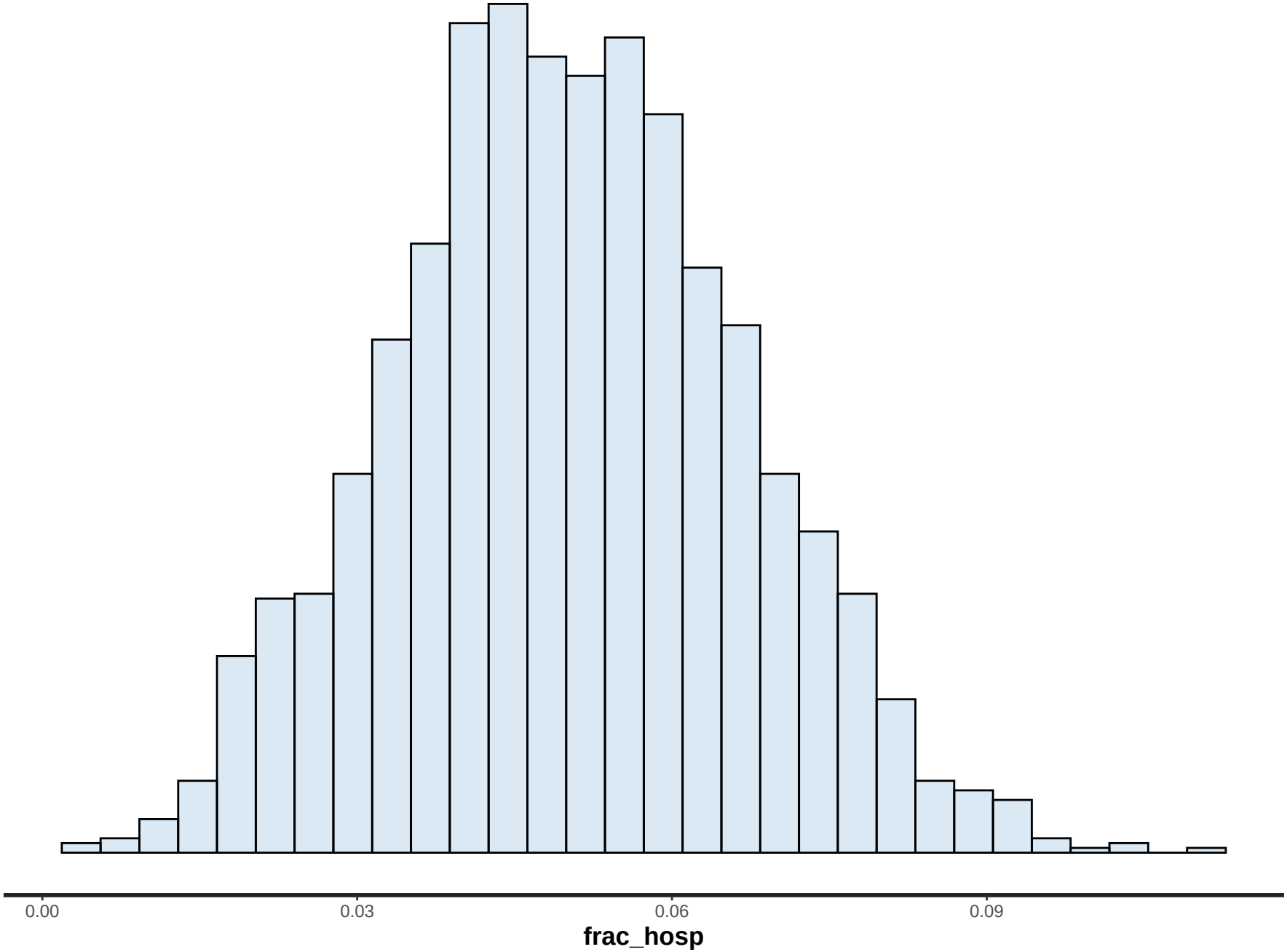

1
2
3
4
5
duration_latent

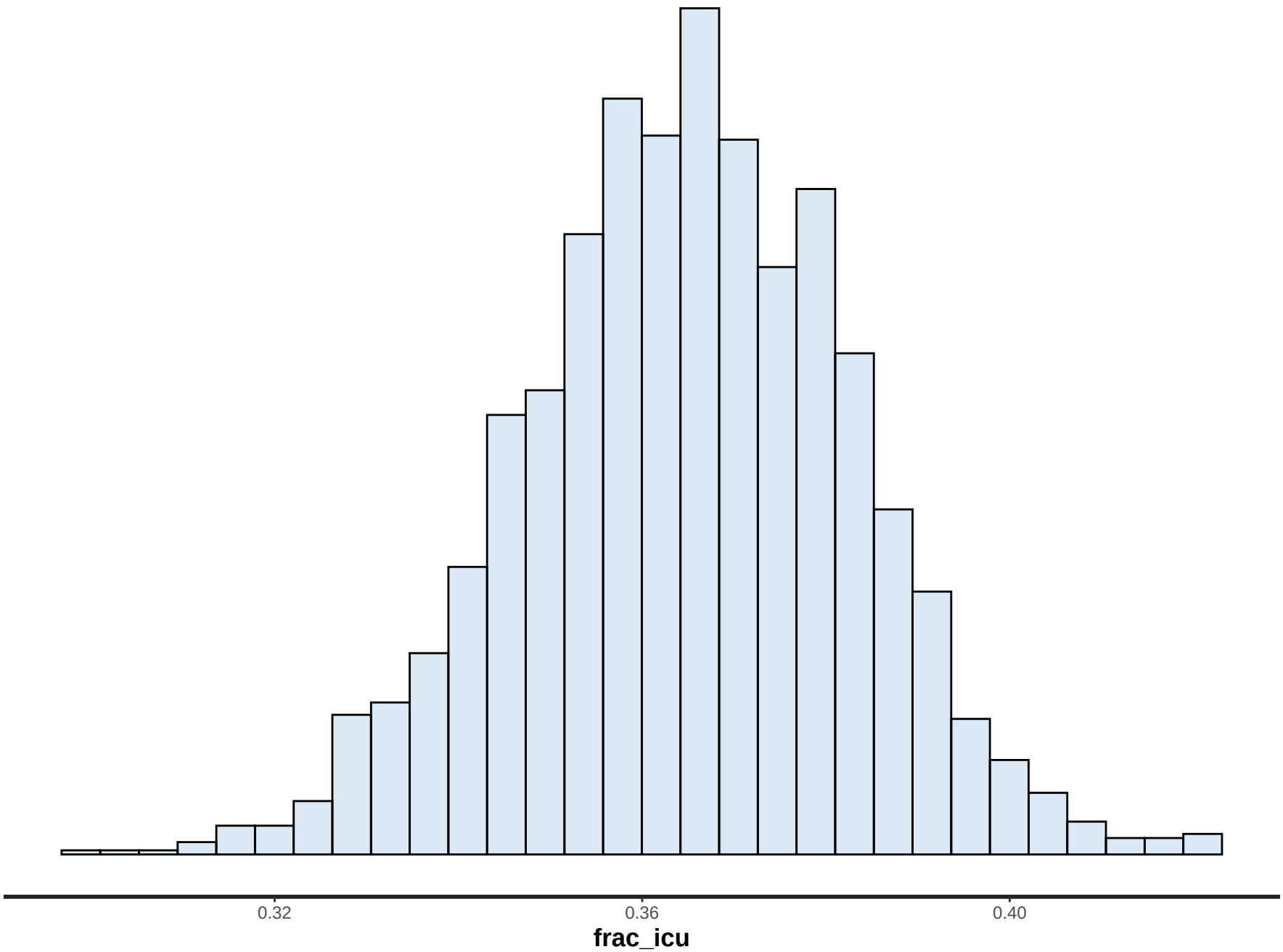

2
4
6
8
duration_rec_mild

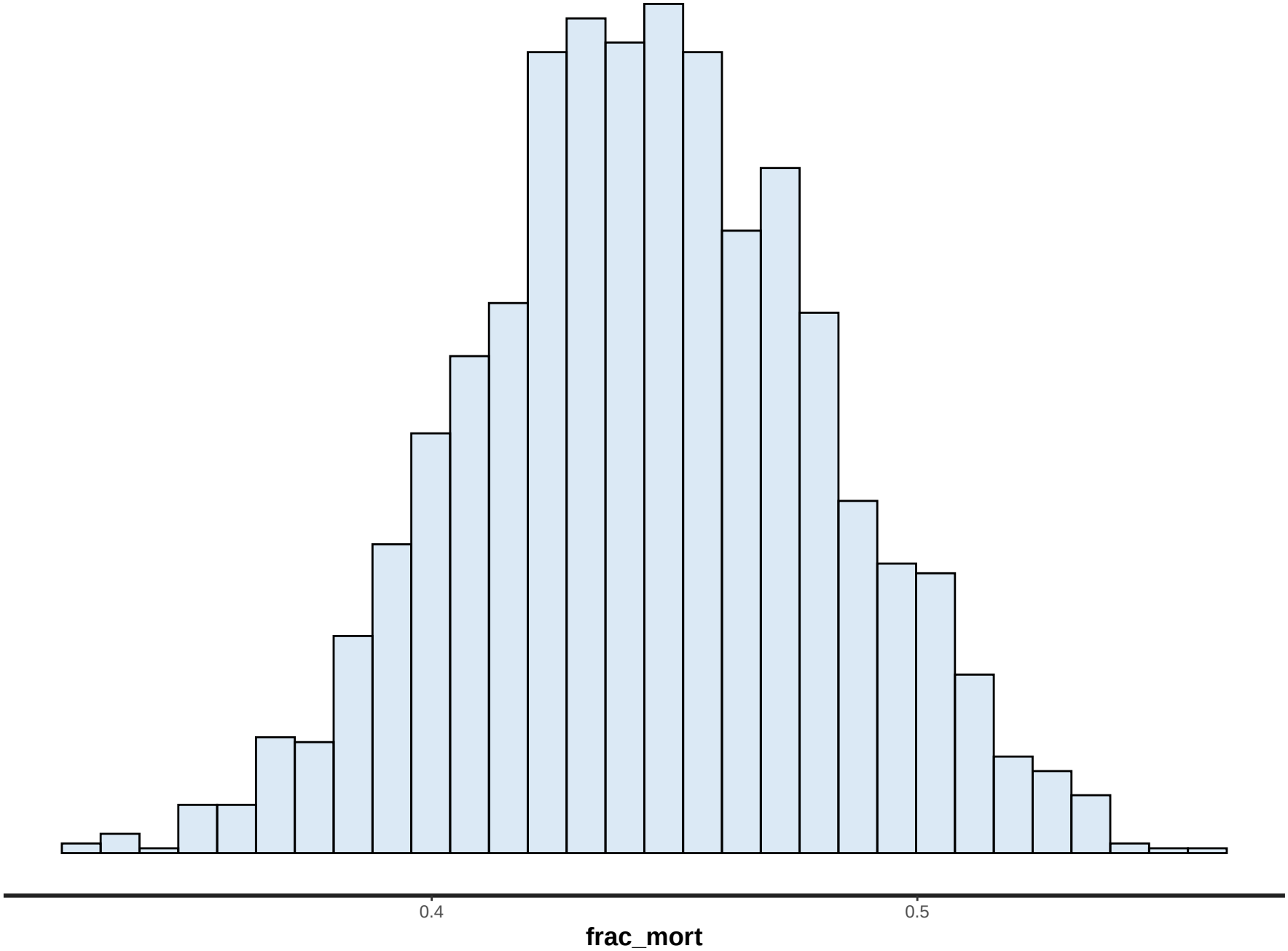

2.5
5.0
7.5
10.0
12.5
duration_pre_hosp

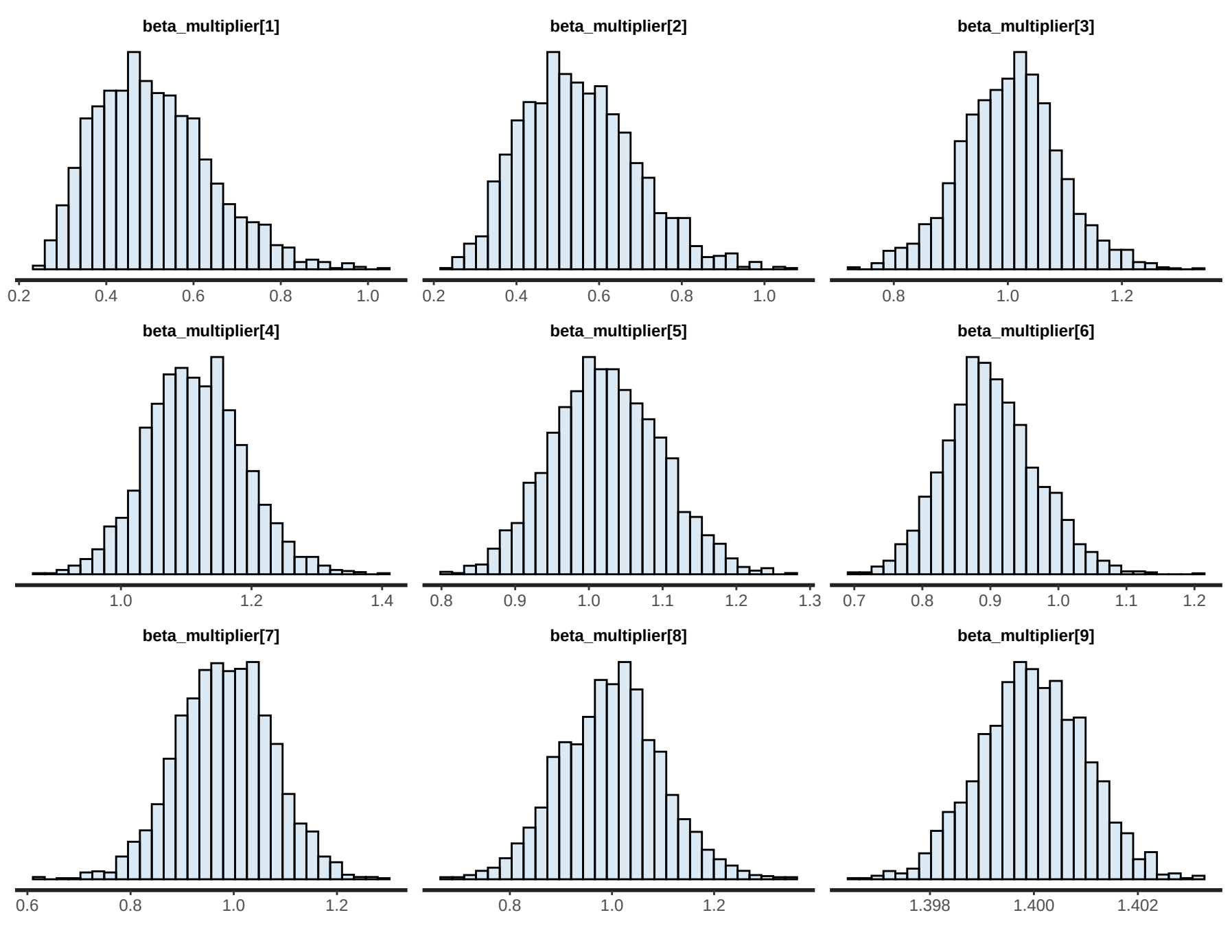

7.5
10.0
12.5
15.0
duration_hosp_mod

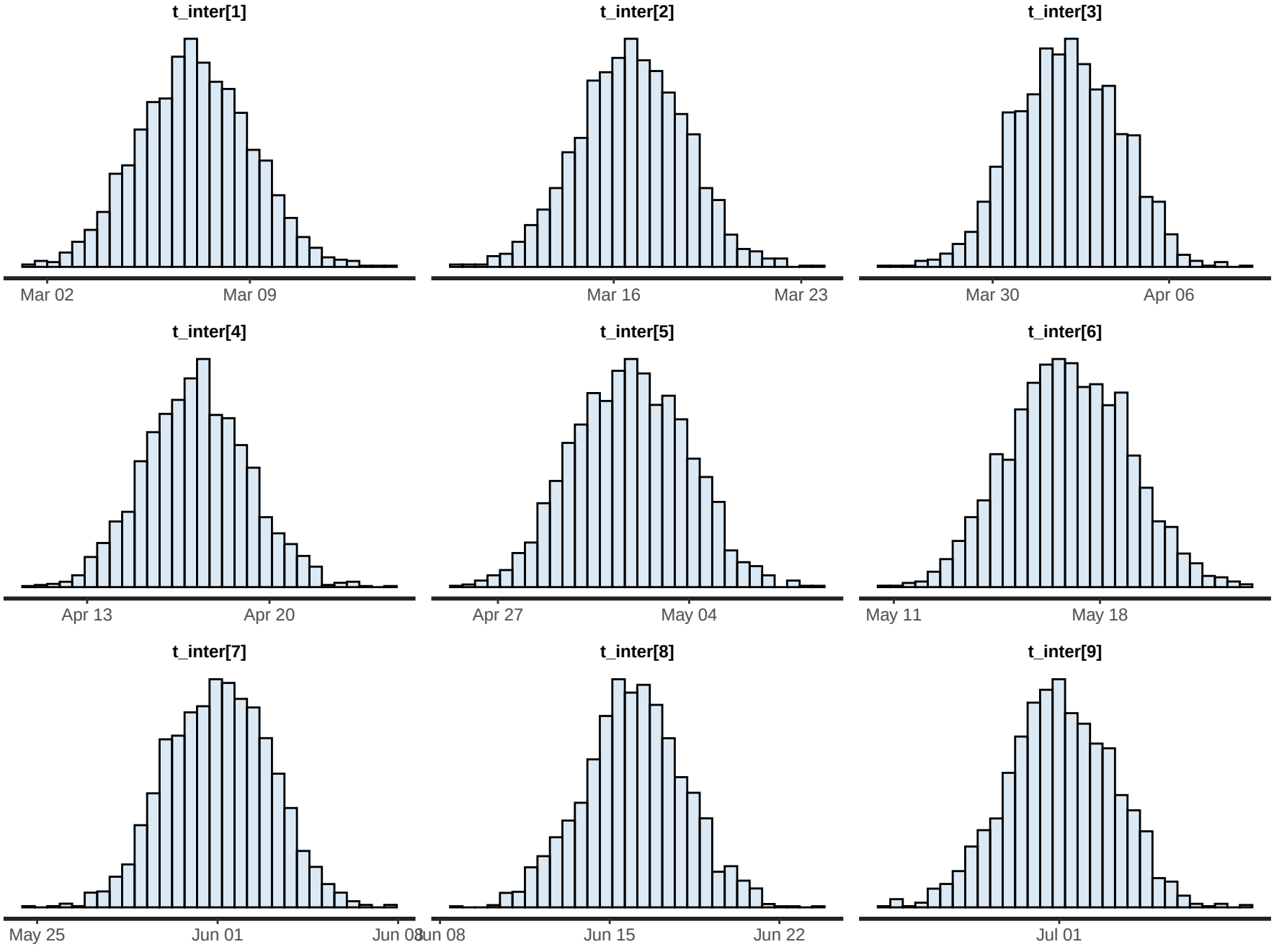

10.0
12.5
15.0
duration_hosp_icu

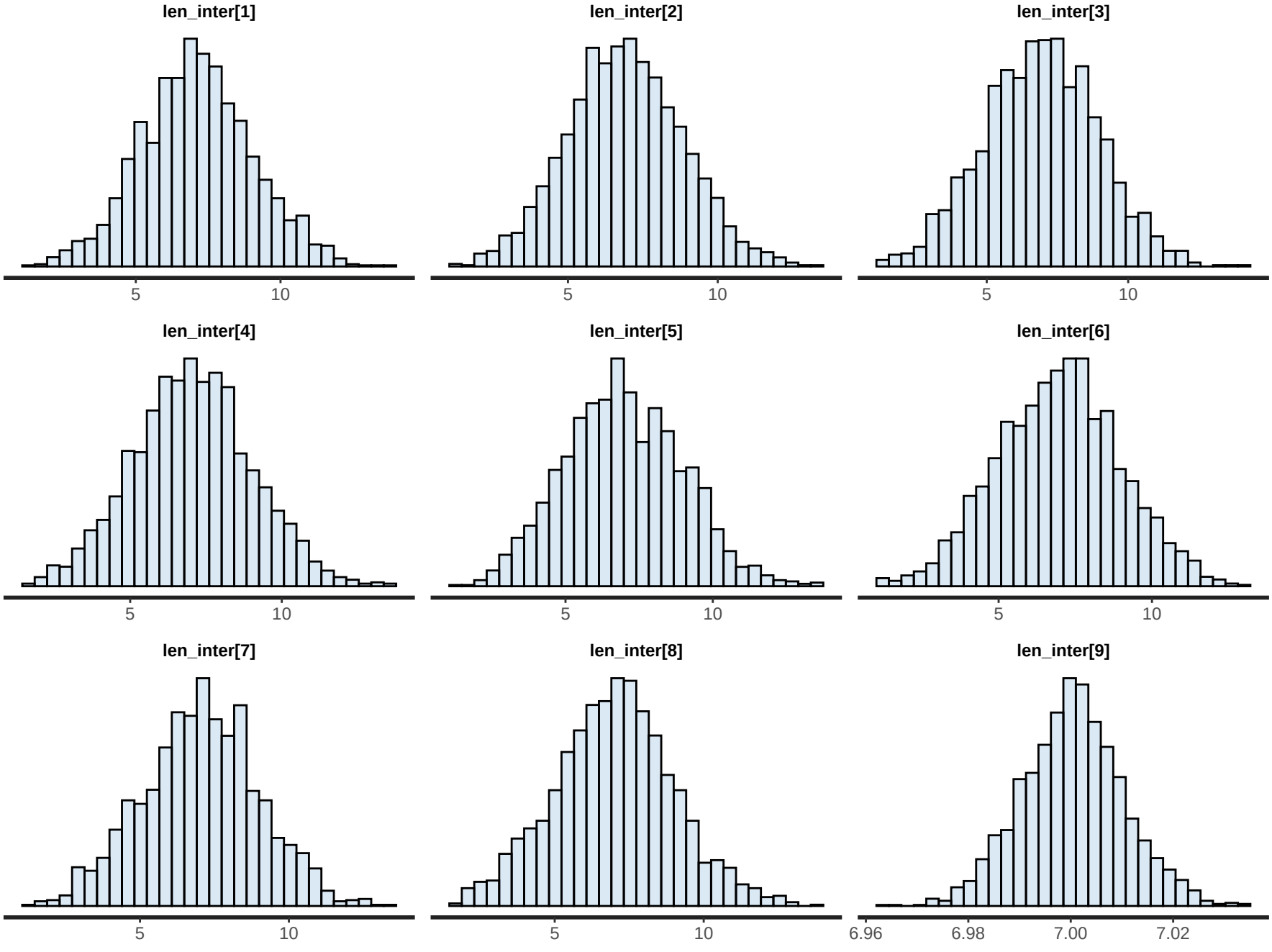

0.00
0.03
0.06
0.09
frac_hosp

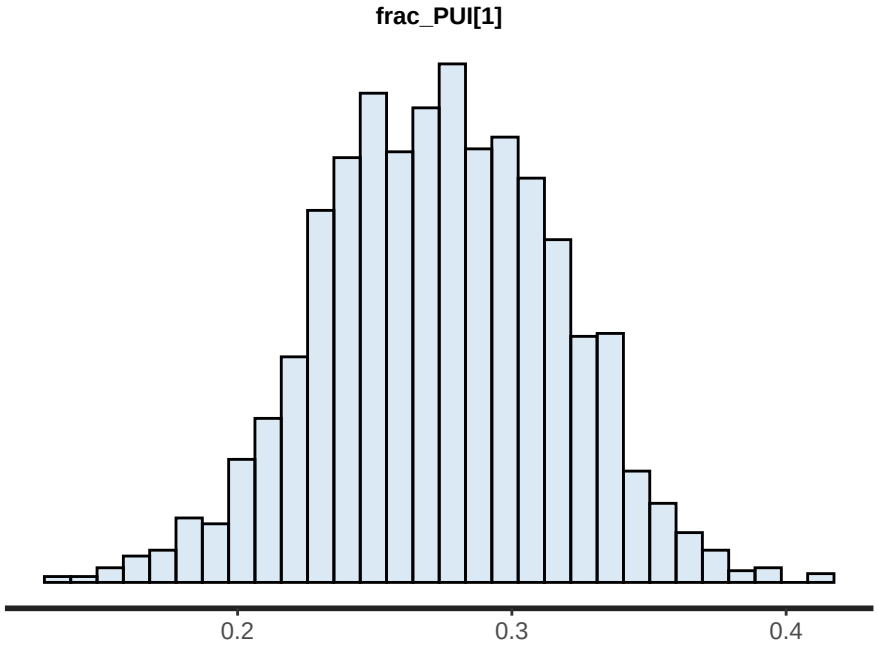

0.32
0.36
0.40
frac_icu

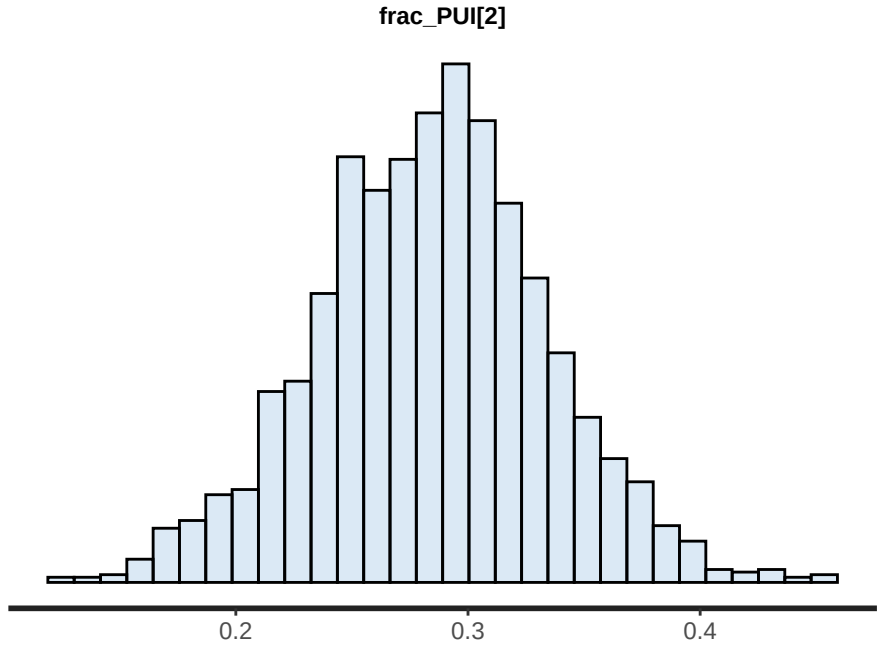

0.4
0.5
frac_mort

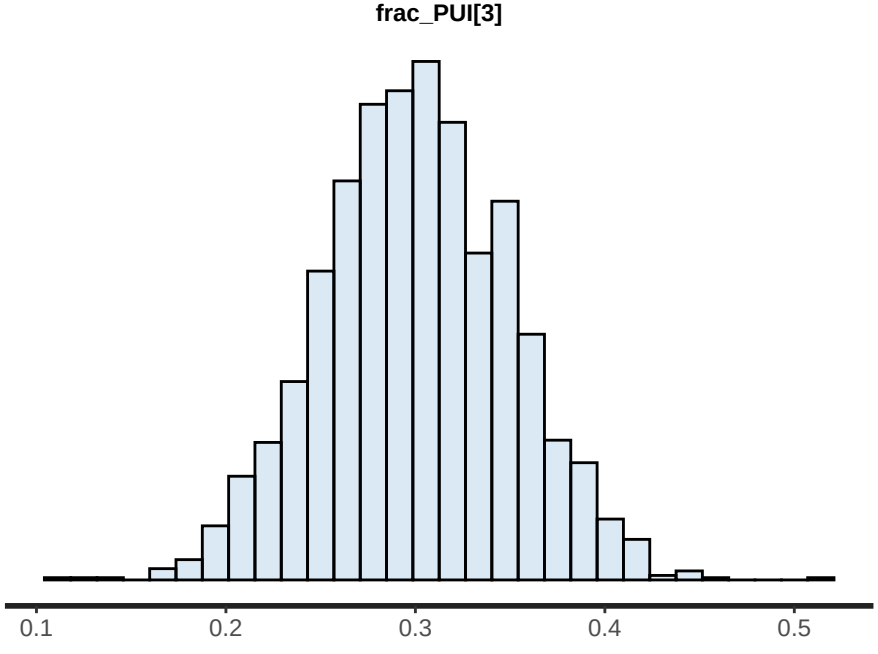

beta_multiplier[1]
0.2
0.4
0.6
0.8
1.0
beta_multiplier[2]
0.2
0.4
0.6
0.8
1.0
beta_multiplier[3]
0.8
1.0
1.2
beta_multiplier[4]
1.0
1.2
1.4
beta_multiplier[5]
0.8
0.9
1.0
1.1
1.2
1.3
beta_multiplier[6]
0.7
0.8
0.9
1.0
1.1
1.2
beta_multiplier[7]
0.6
0.8
1.0
1.2
beta_multiplier[8]
0.8
1.0
1.2
beta_multiplier[9]
1.398
1.400
1.402

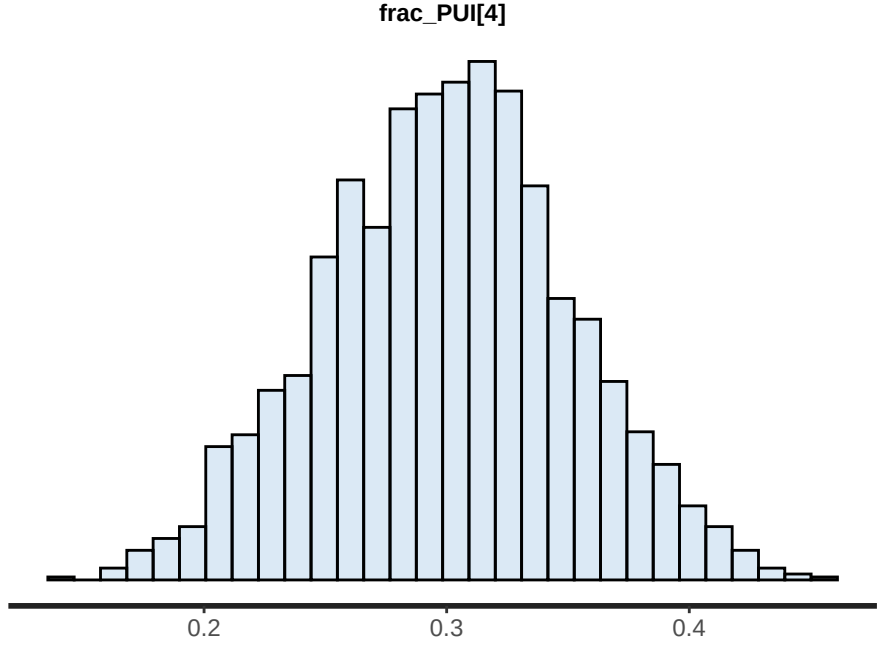

t_inter[1]
Mar 02
Mar 09
t_inter[2]
Mar 16
Mar 23
t_inter[3]
Mar 30
Apr 06
t_inter[4]
Apr 13
Apr 20
t_inter[5]
Apr 27
May 04
t_inter[6]
May 11
May 18
t_inter[7]
May 25
Jun 01
Jun 08
t_inter[8]
Jun 08
Jun 15
Jun 22
t_inter[9]
Jul 01


len_inter[1]
5
10
len_inter[2]
5
10
len_inter[3]
5
10
len_inter[4]
5
10
len_inter[5]
5
10
len_inter[6]
5
10
len_inter[7]
5
10
len_inter[8]
5
10
len_inter[9]
6.96
6.98
7.00
7.02


frac_PUI[1]
0.2
0.3
0.4


frac_PUI[2]
0.2
0.3
0.4


frac_PUI[3]
0.1
0.2
0.3
0.4
0.5


frac_PUI[4]
0.2
0.3
0.4