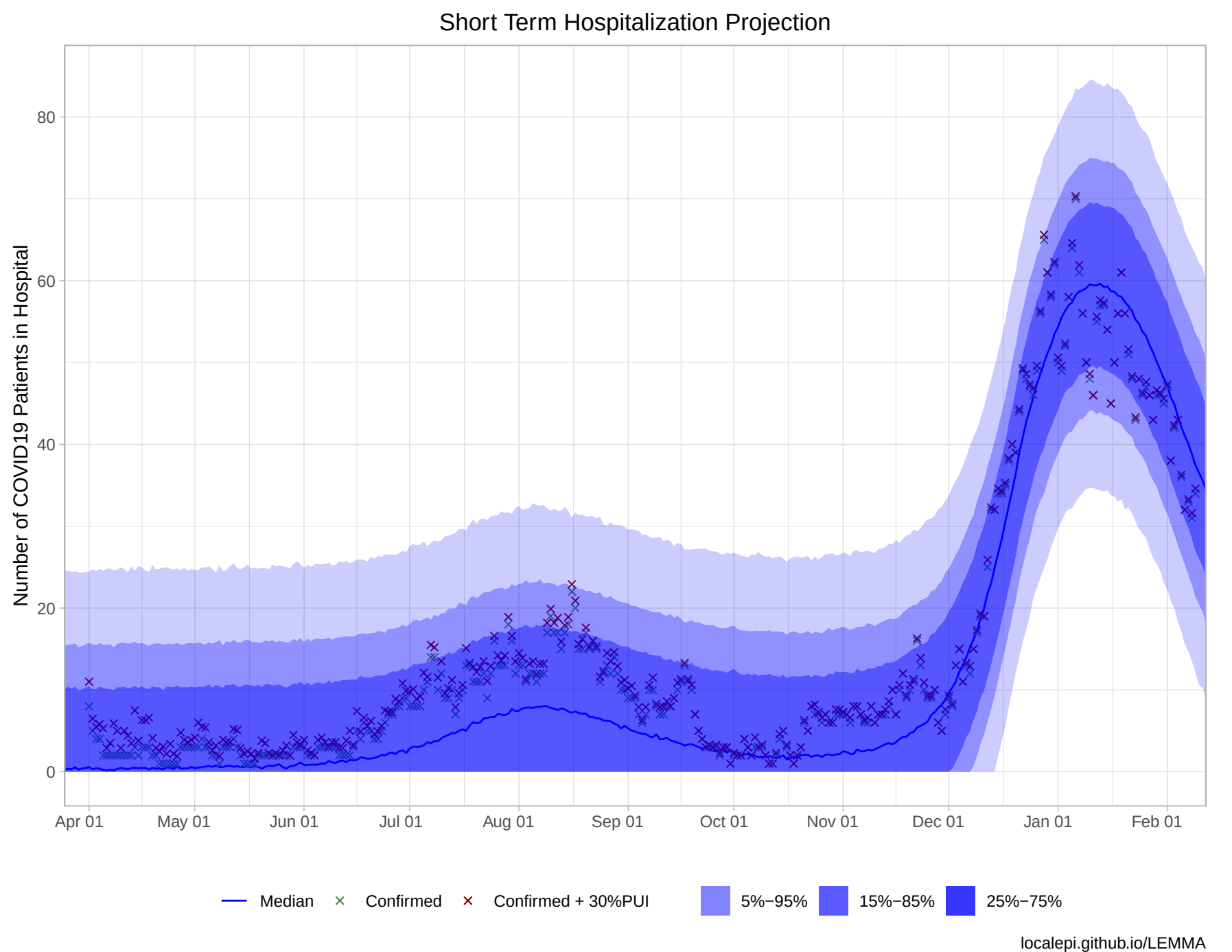
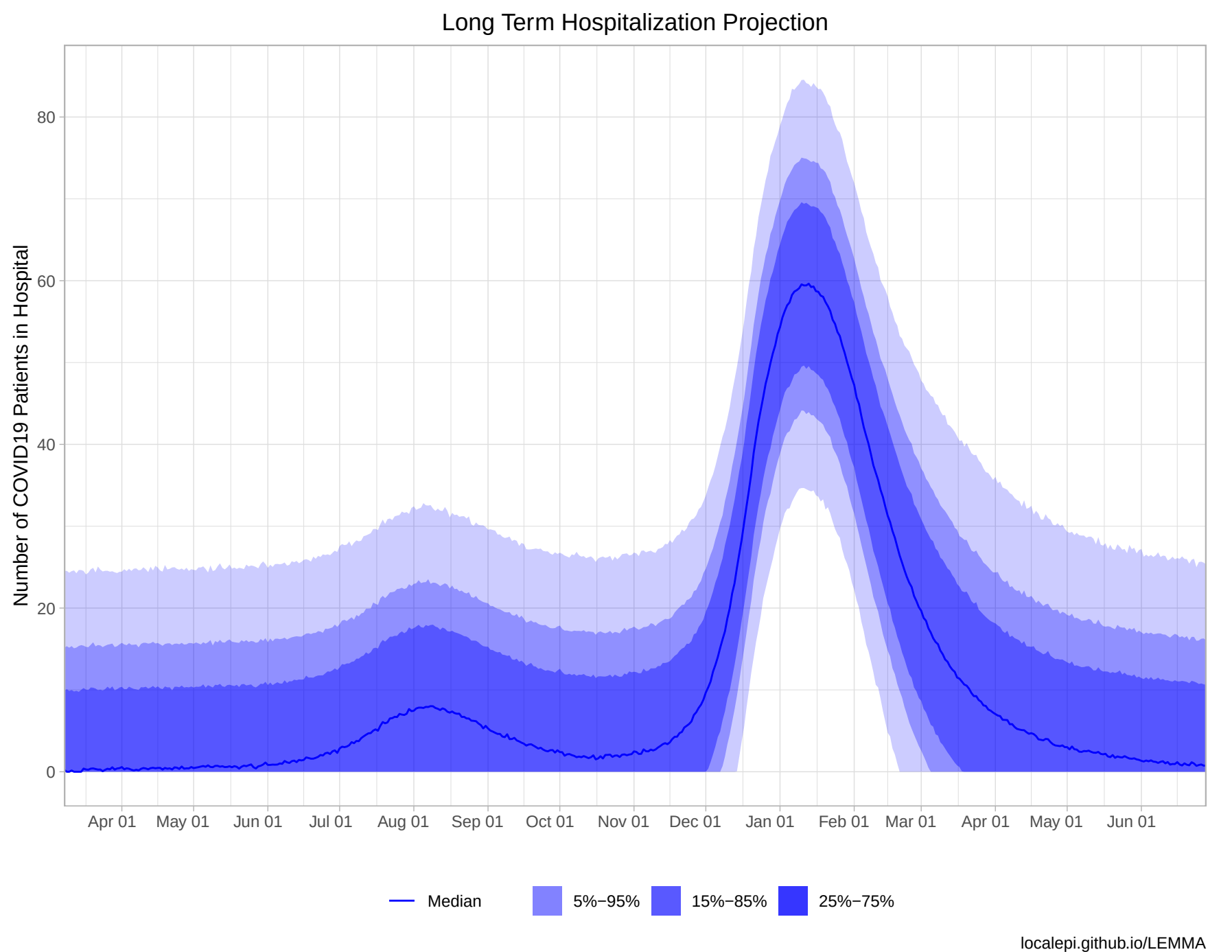
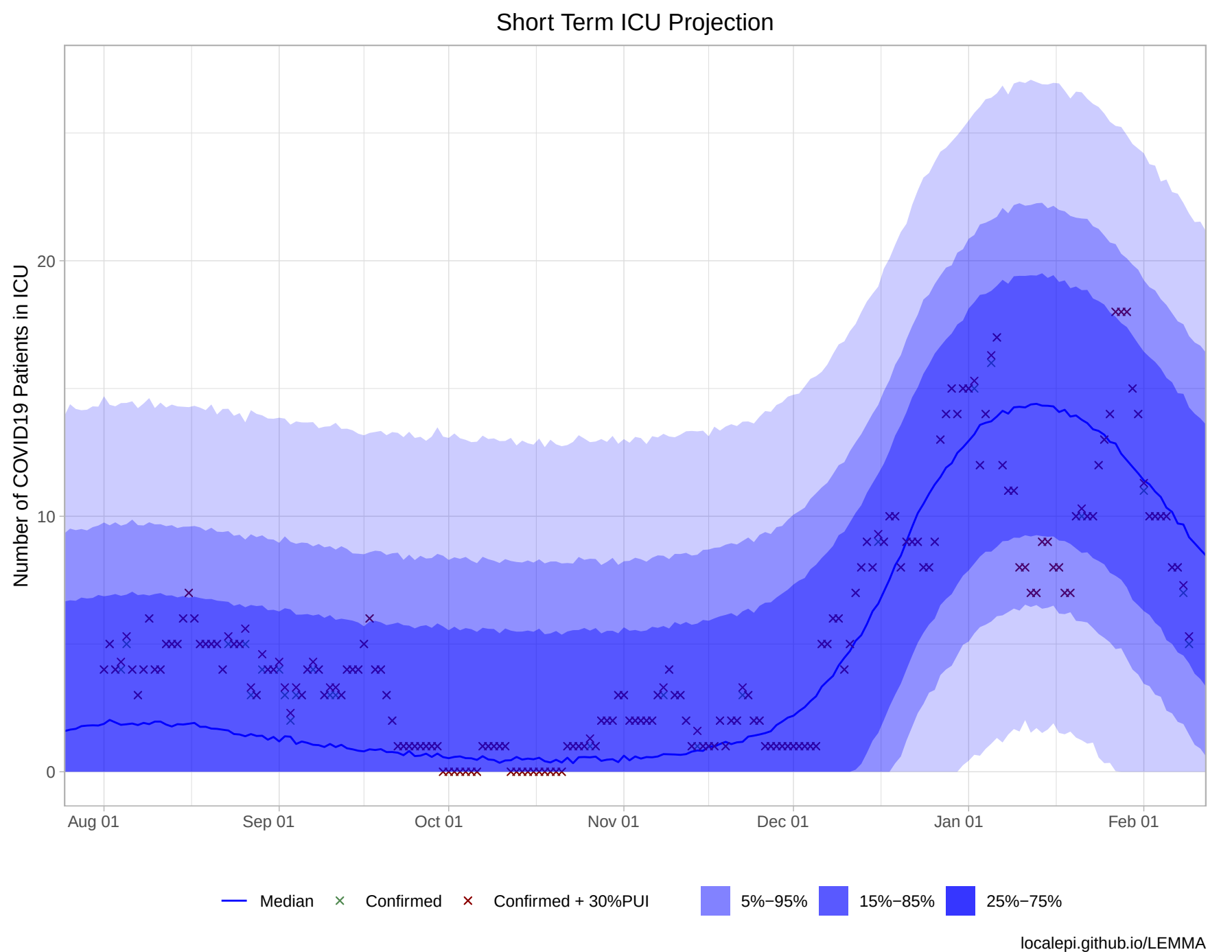
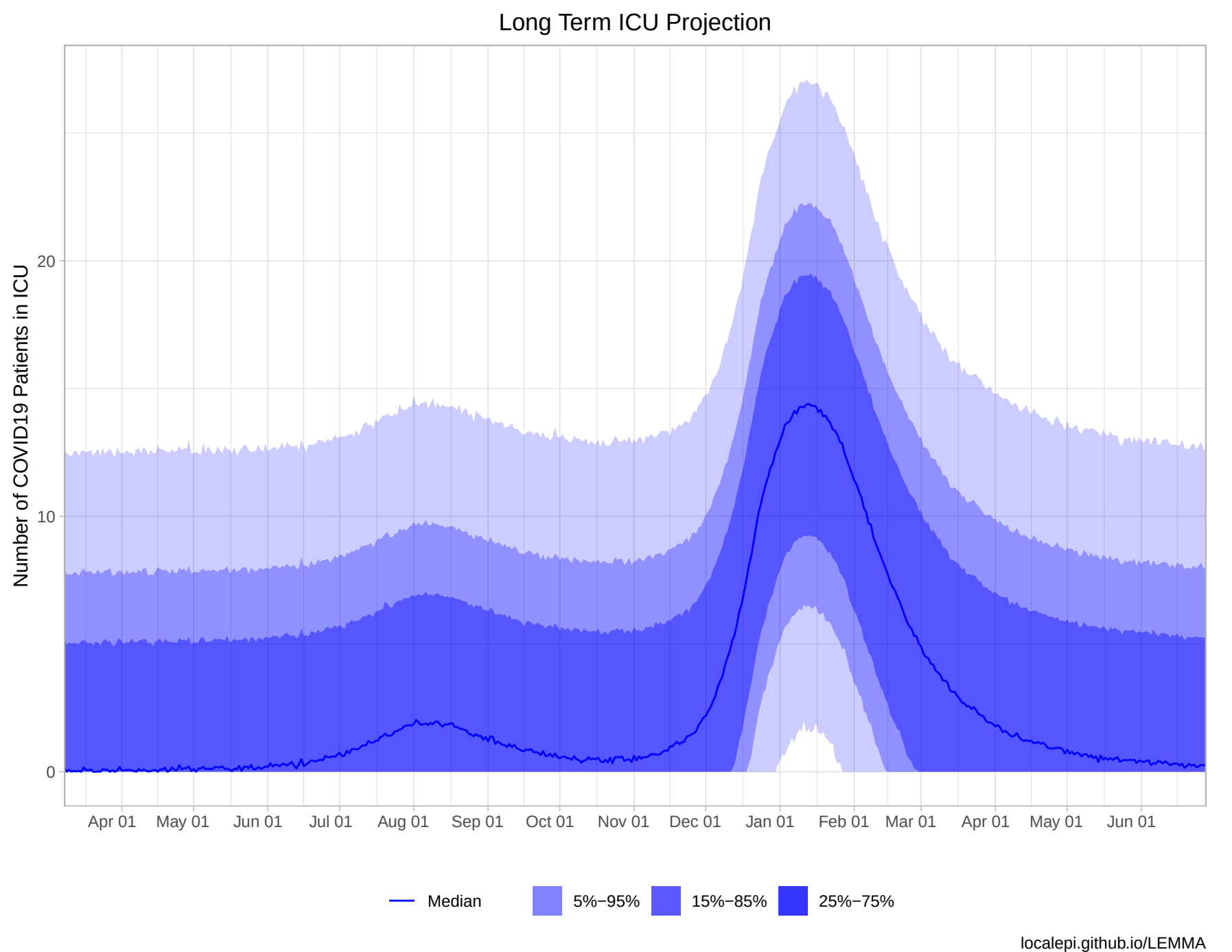
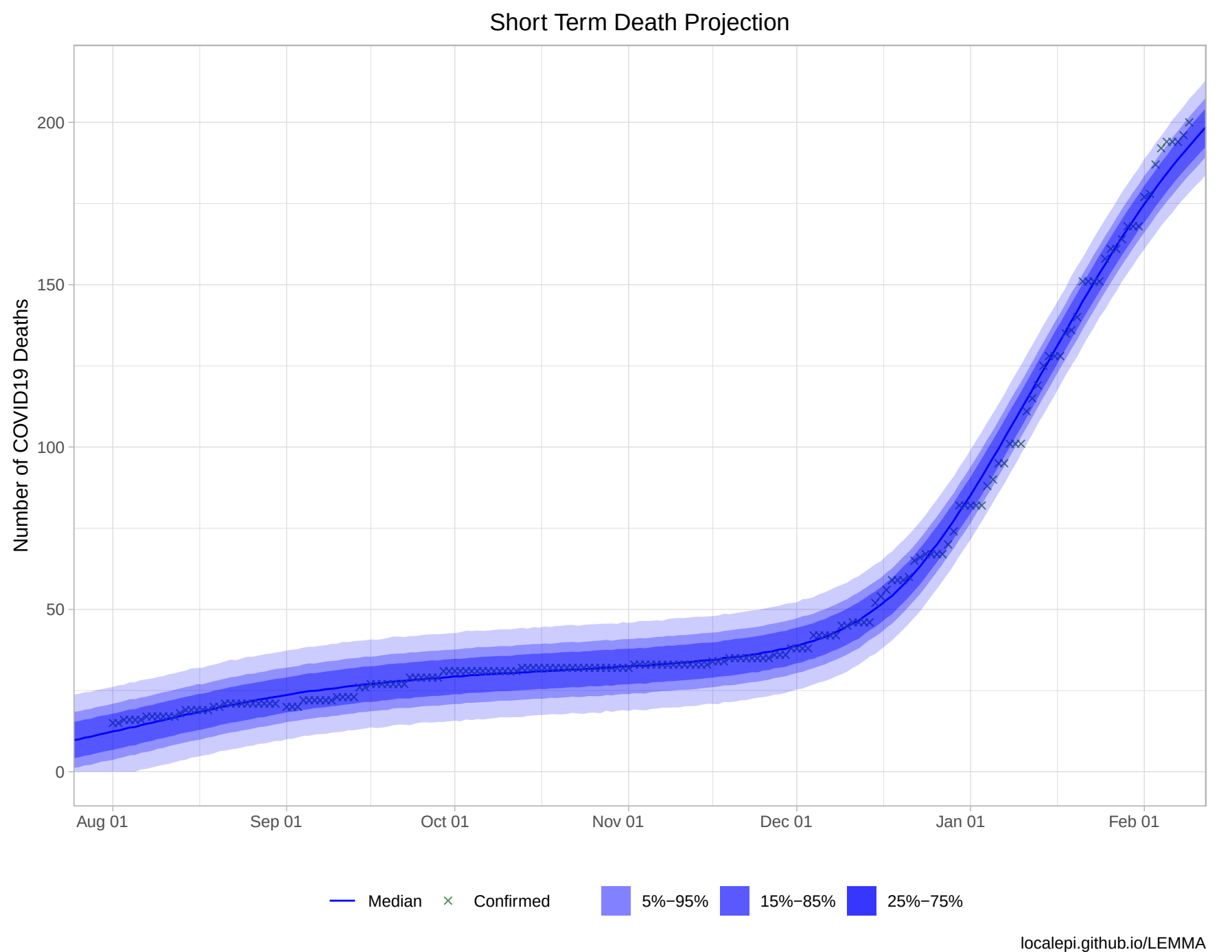
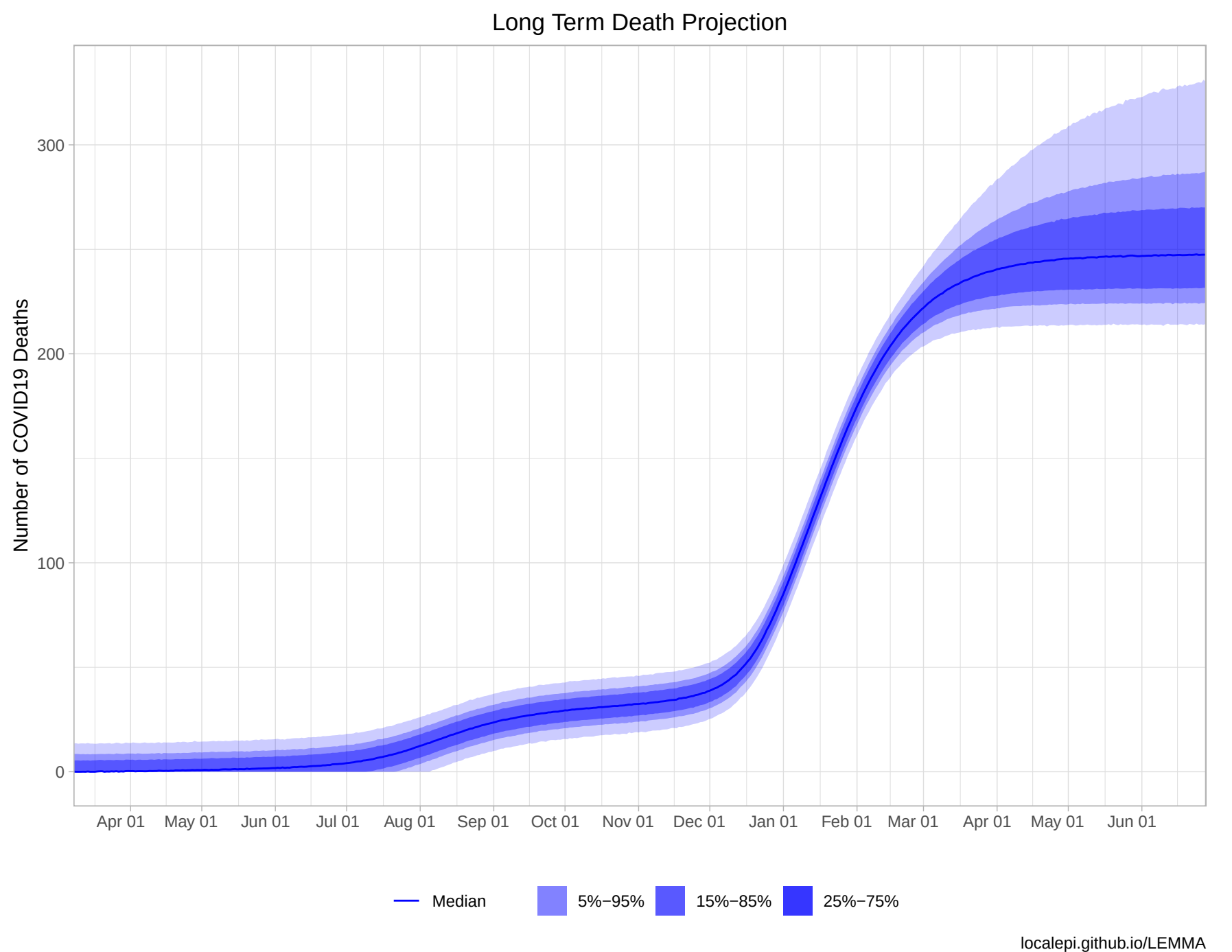

Short Term Hospitalization Projection
Number of COVID19 Patients in Hospital
0
20
40
60
80
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Median
Confirmed
Confirmed + 30%PUI
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

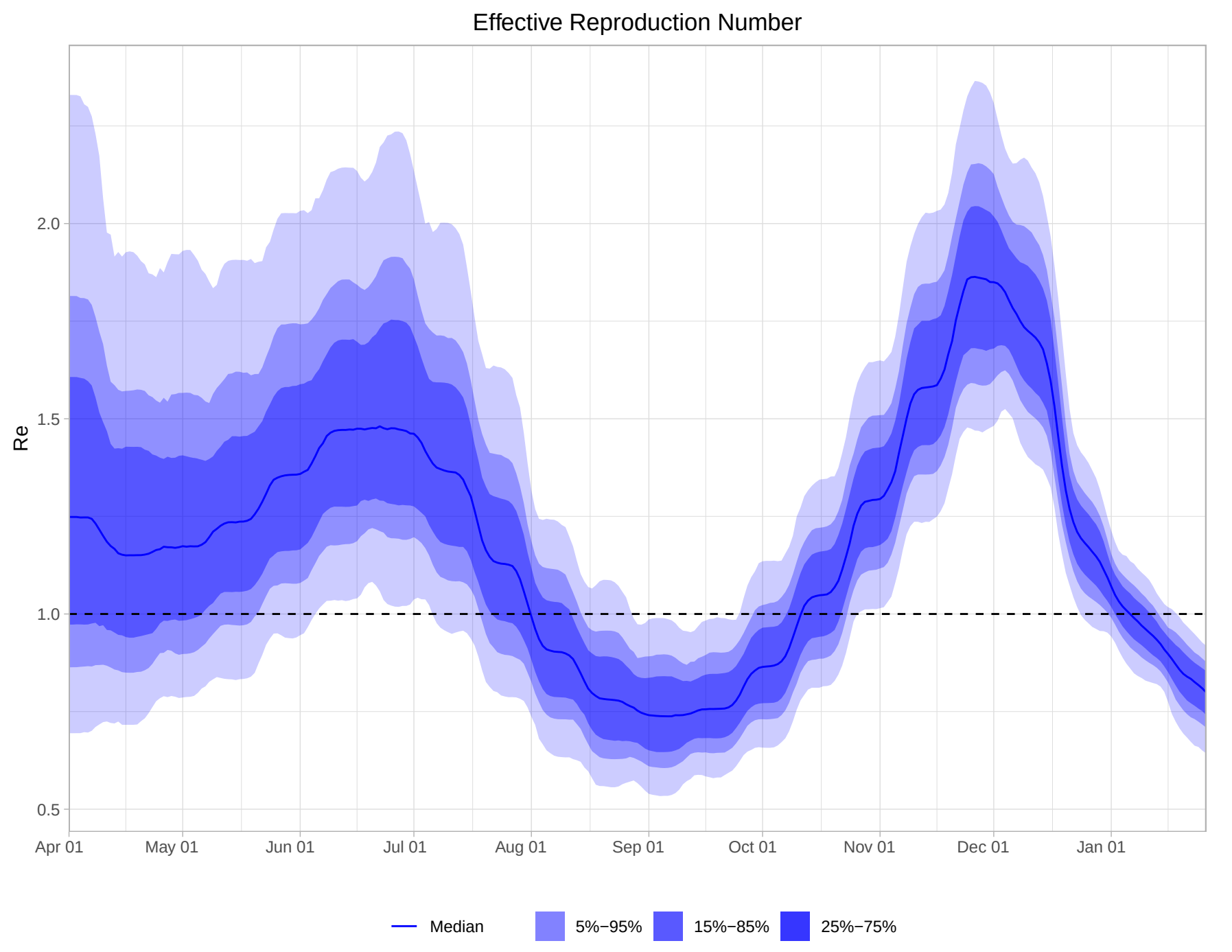

Long Term Hospitalization Projection
Number of COVID19 Patients in Hospital
0
20
40
60
80
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Apr 01
May 01
Jun 01
Median
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA


Short Term ICU Projection
Number of COVID19 Patients in ICU
0
10
20
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Median
Confirmed
Confirmed + 30%PUI
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA


Long Term ICU Projection
Number of COVID19 Patients in ICU
20
10
0
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Apr 01
May 01
Jun 01
Median
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

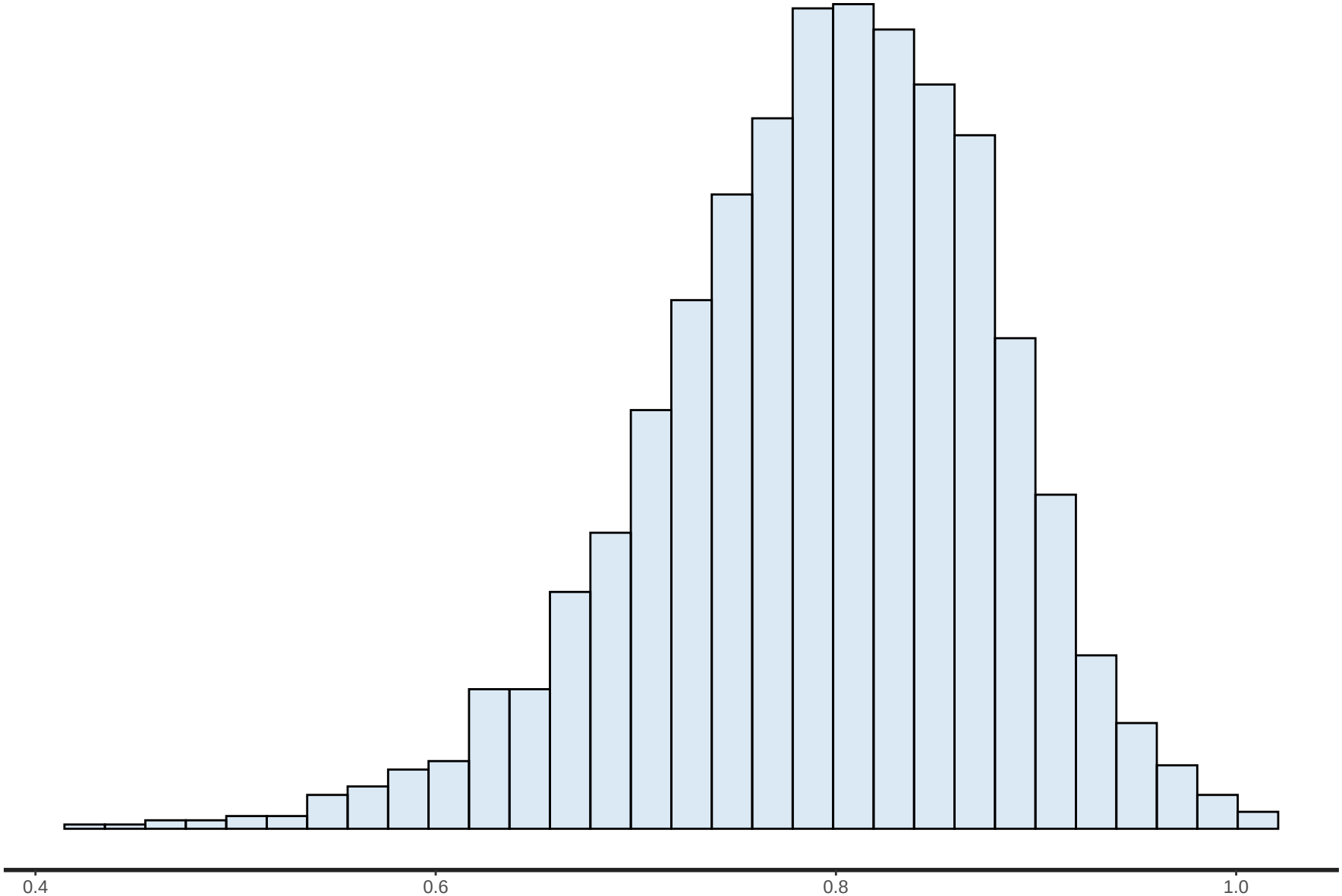

Short Term Death Projection
Number of COVID19 Deaths
200
150
100
50
0
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Median
Confirmed
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

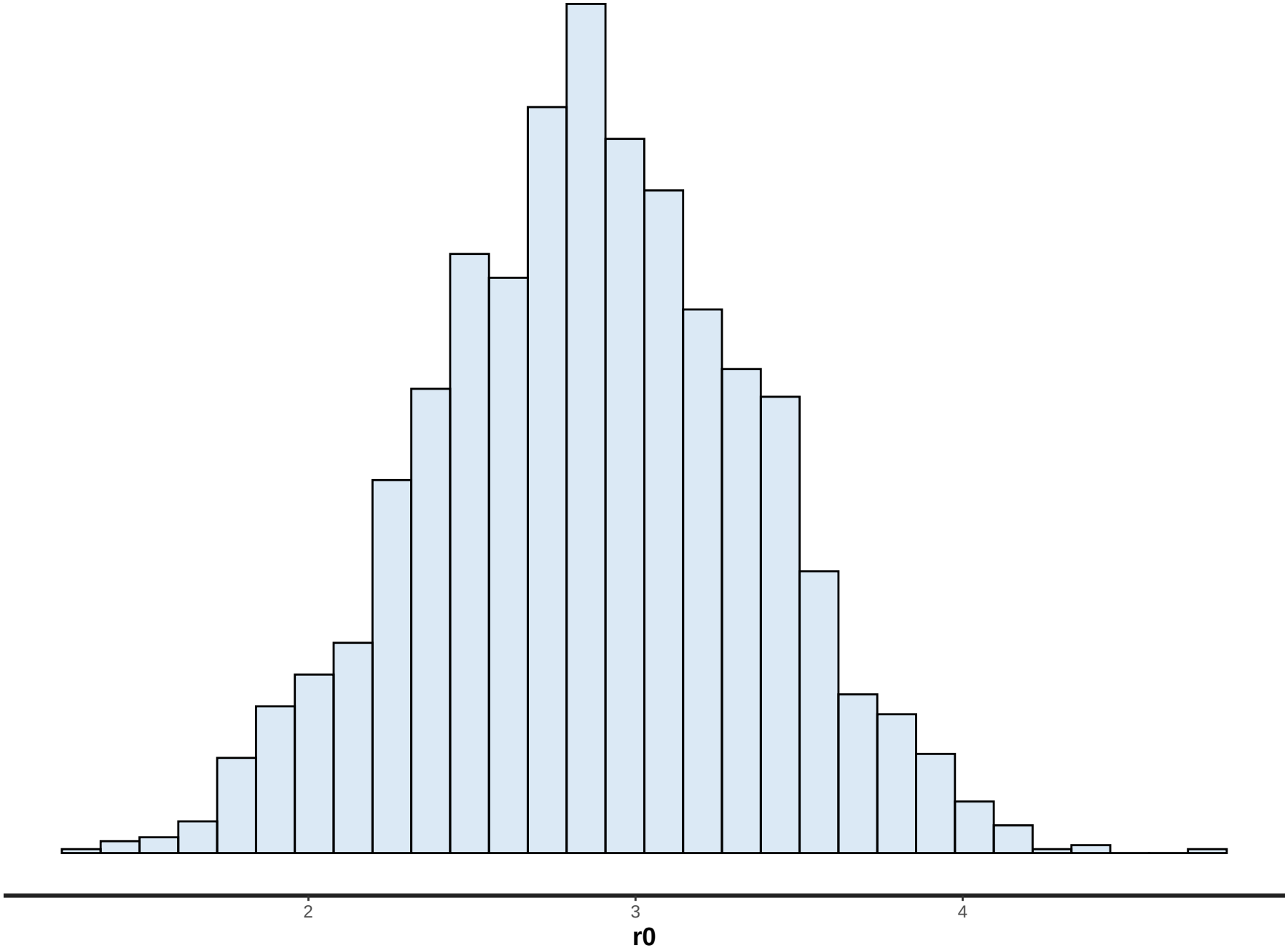

Long Term Death Projection
Number of COVID19 Deaths
300
200
100
0
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Apr 01
May 01
Jun 01
Median
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

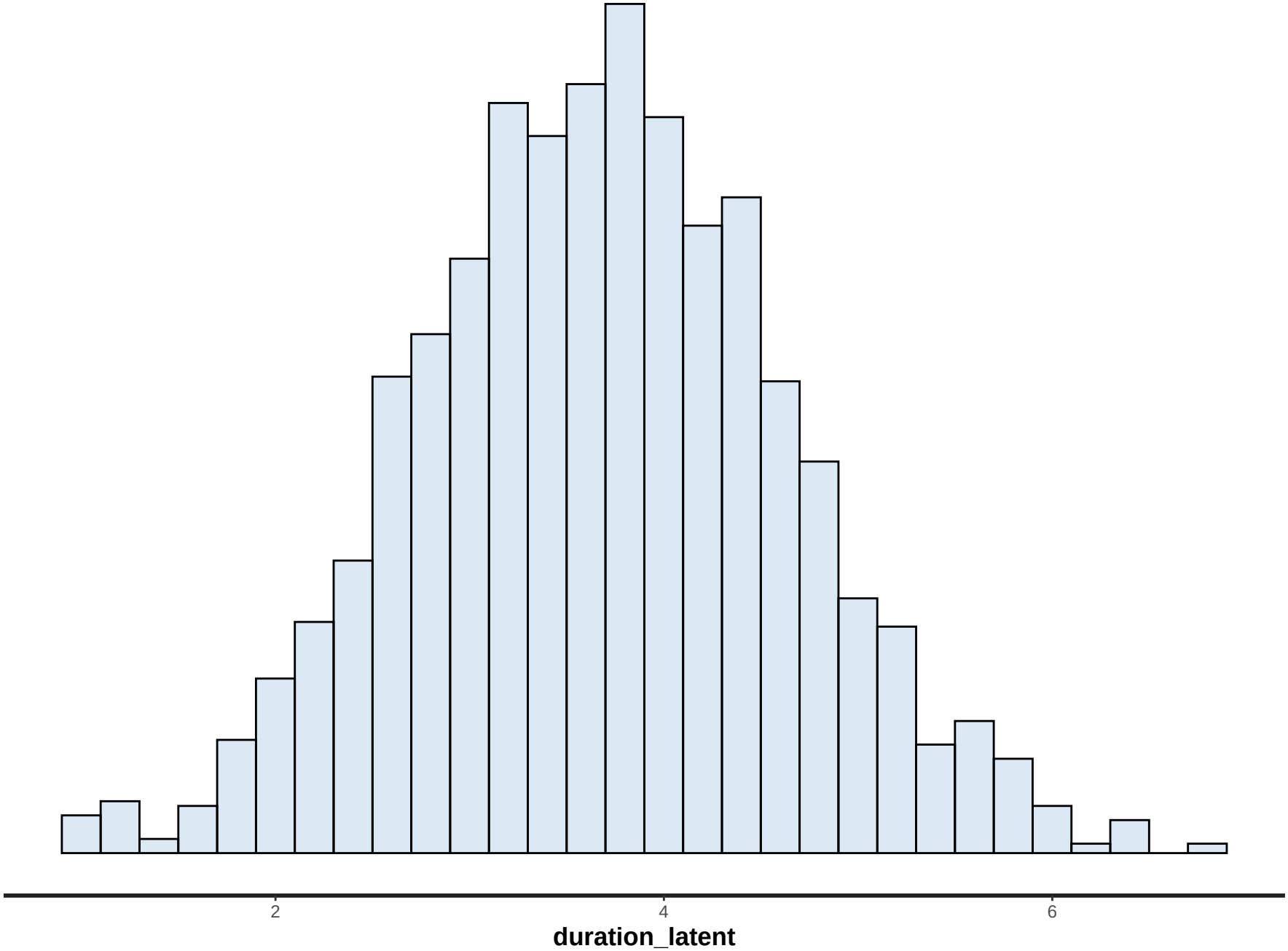

Effective Reproduction Number
Re
2.0
1.5
1.0
0.5
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Median
5%−95%
15%−85%
25%−75%

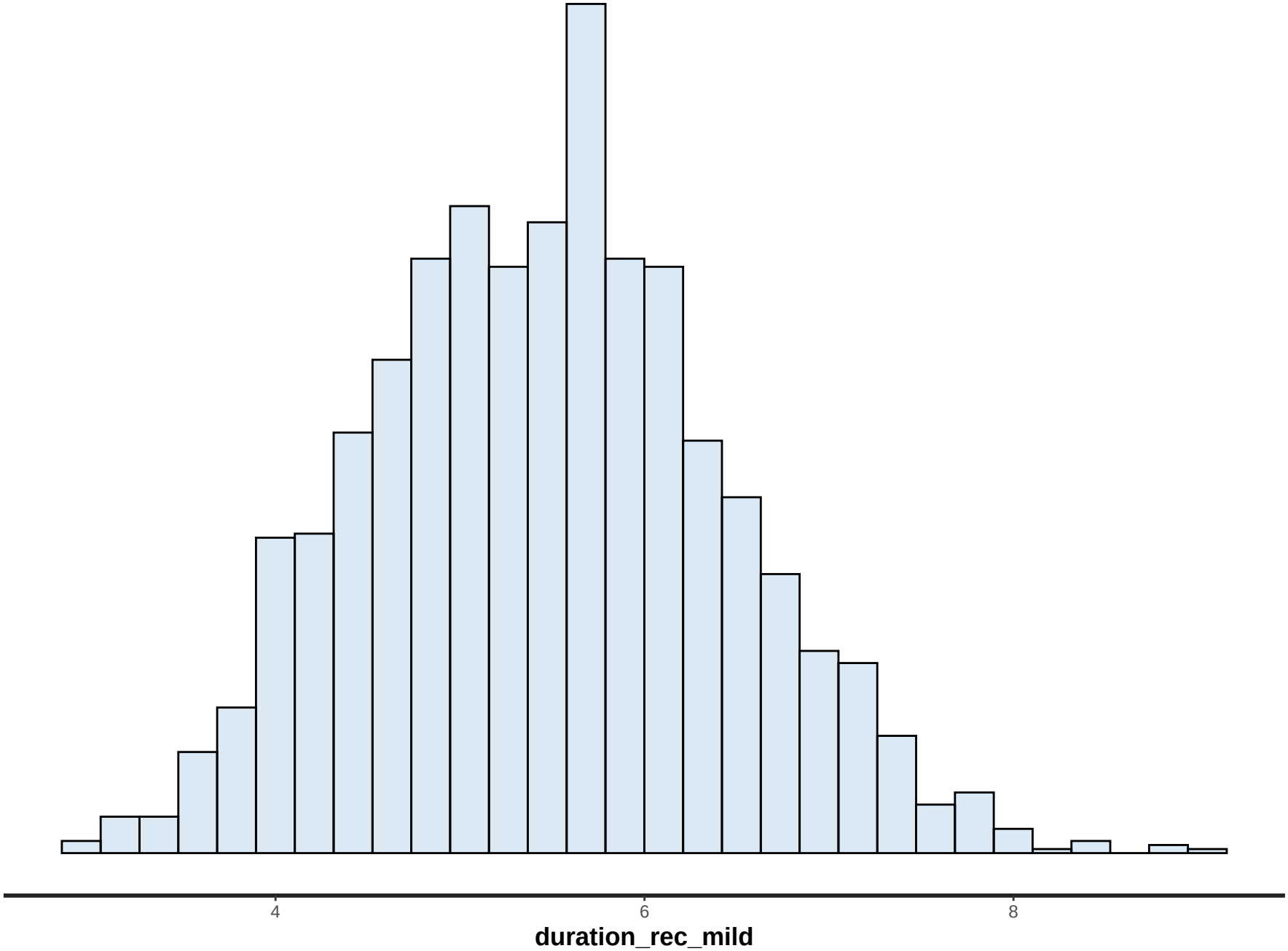
Rt as of 2021−01−26

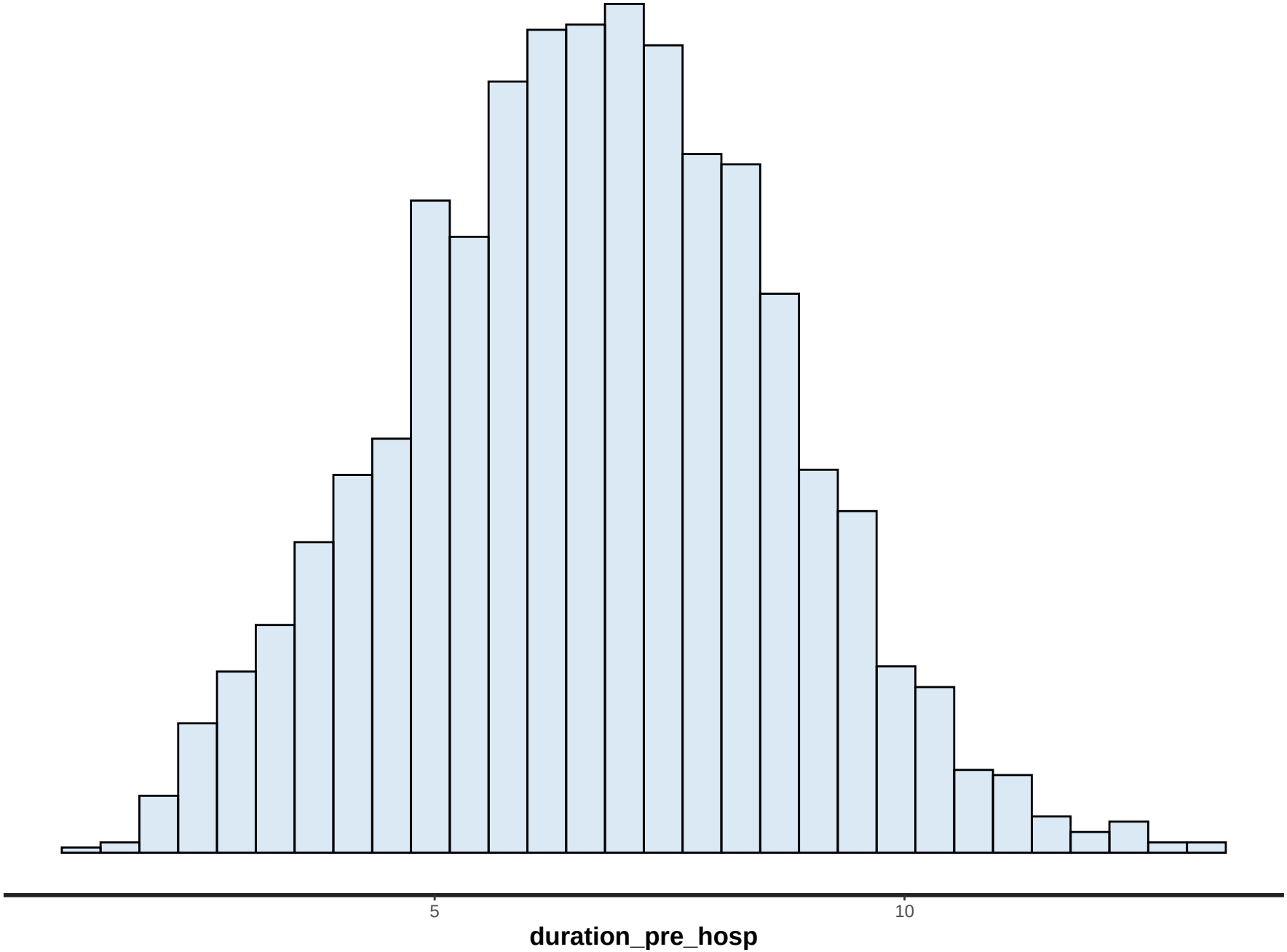
5%	10%	25%	50%	75%	90%	95%
0.64	0.68	0.74	0.80	0.85	0.90	0.92

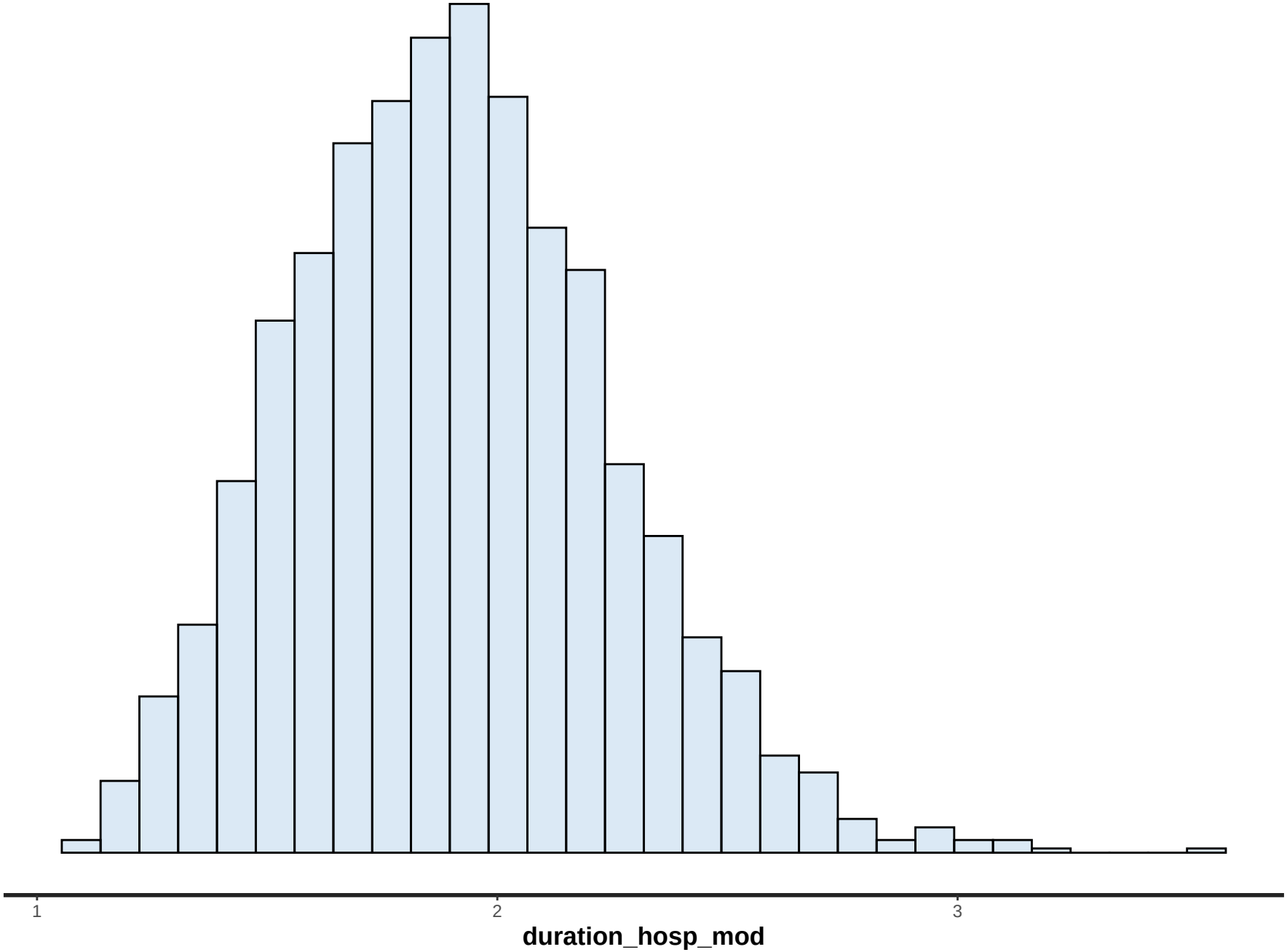


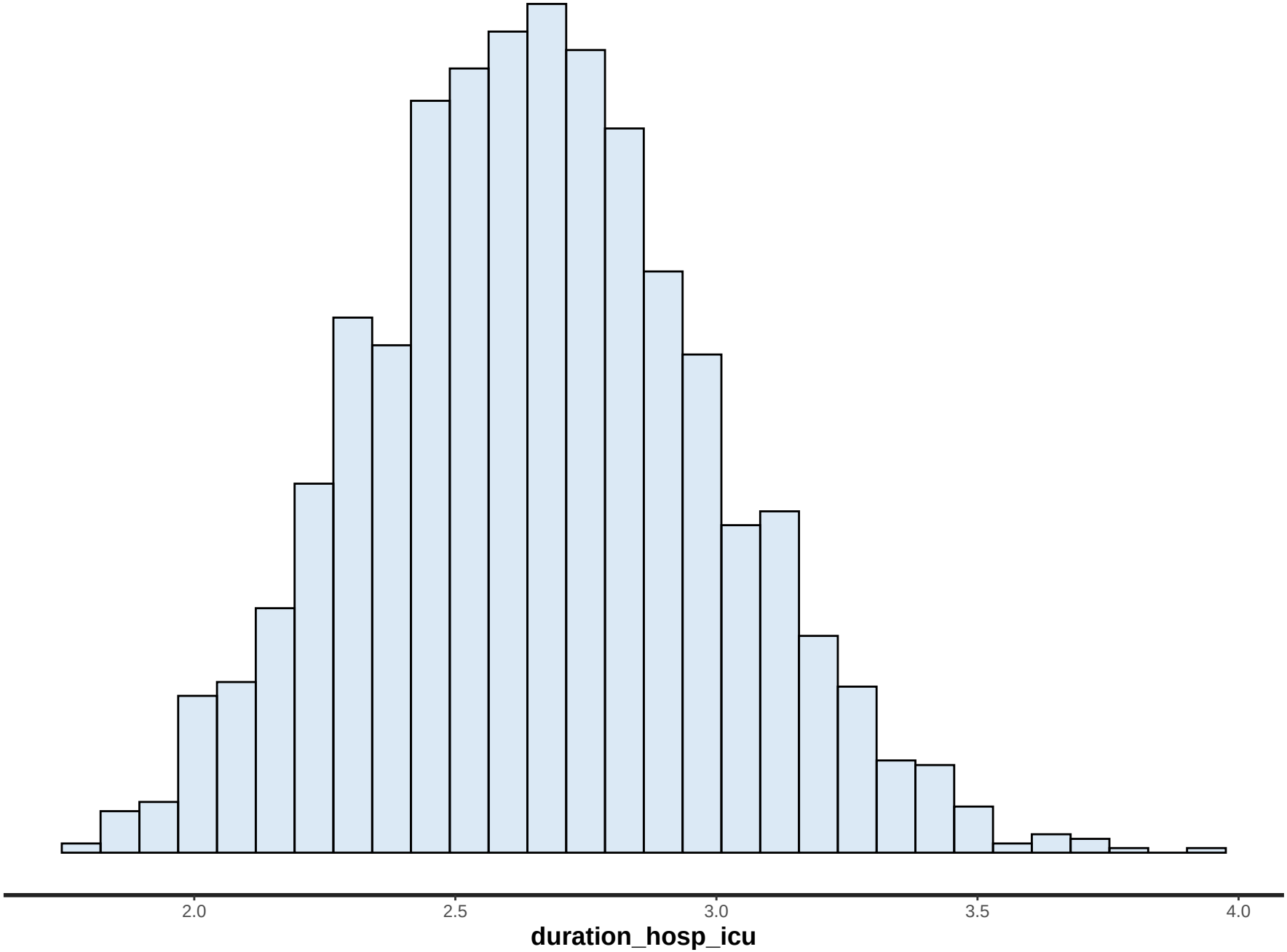

2
3
4
r0

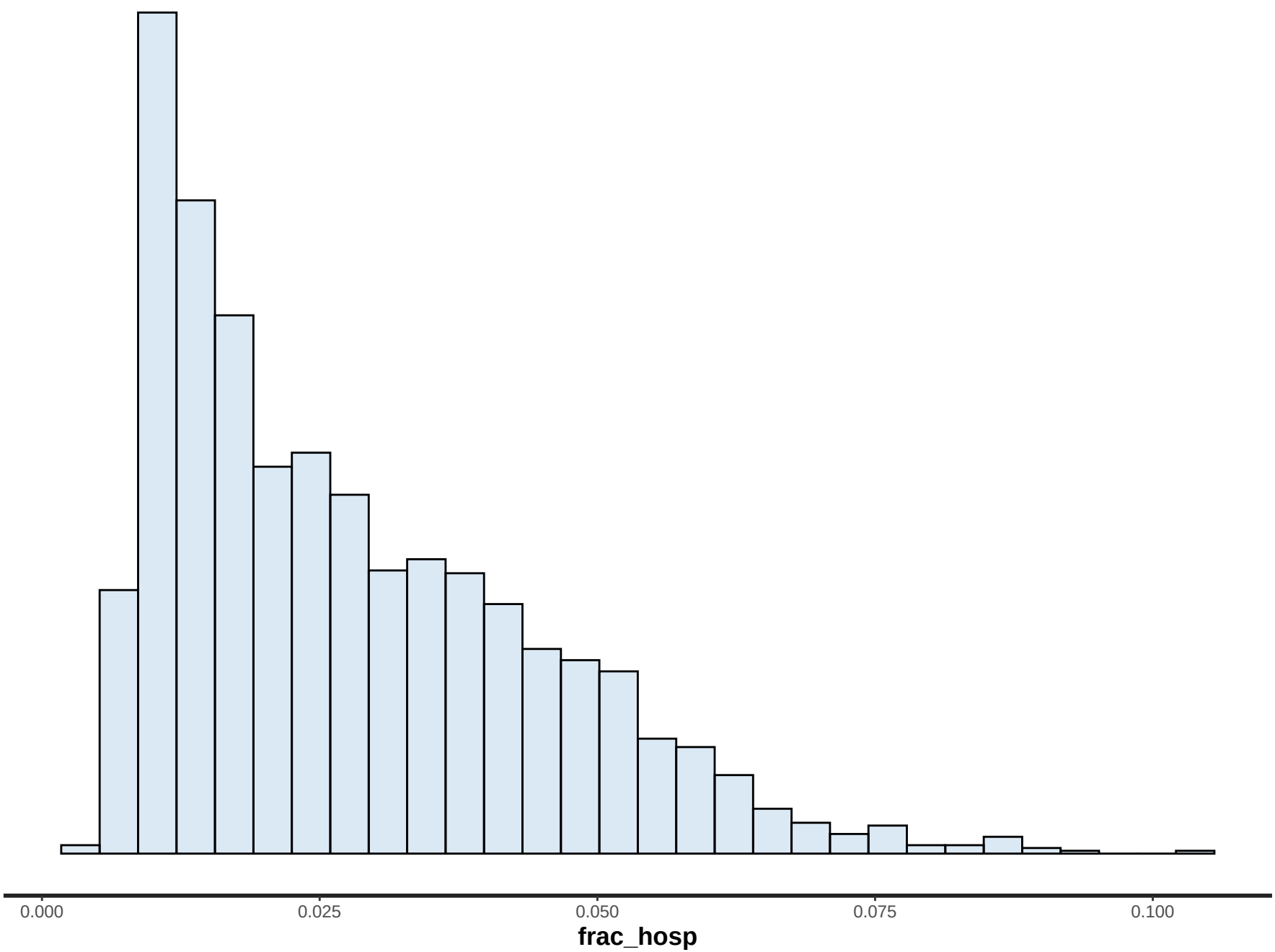

2
4
6
duration_latent

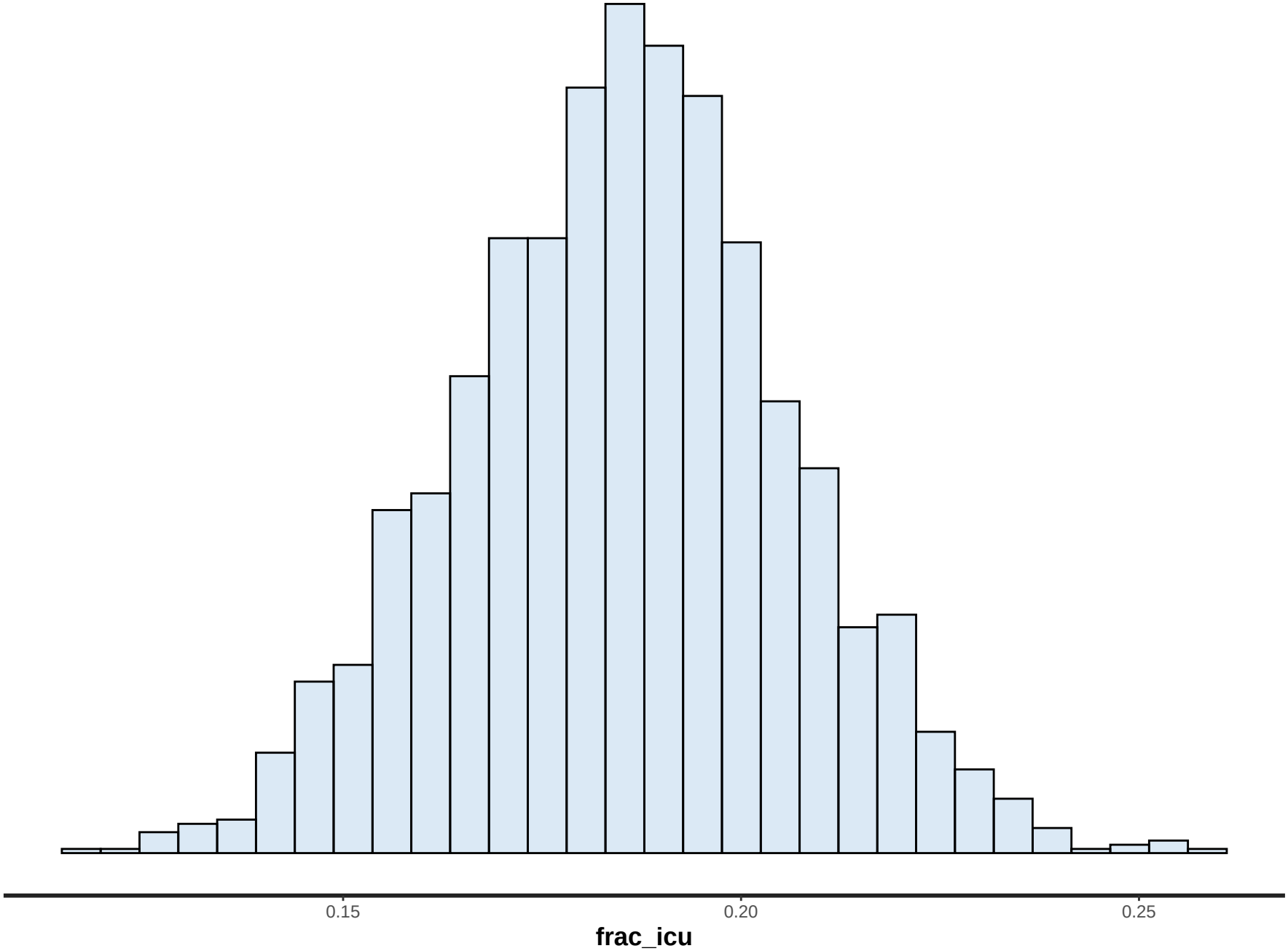

4
6
8
duration_rec_mild

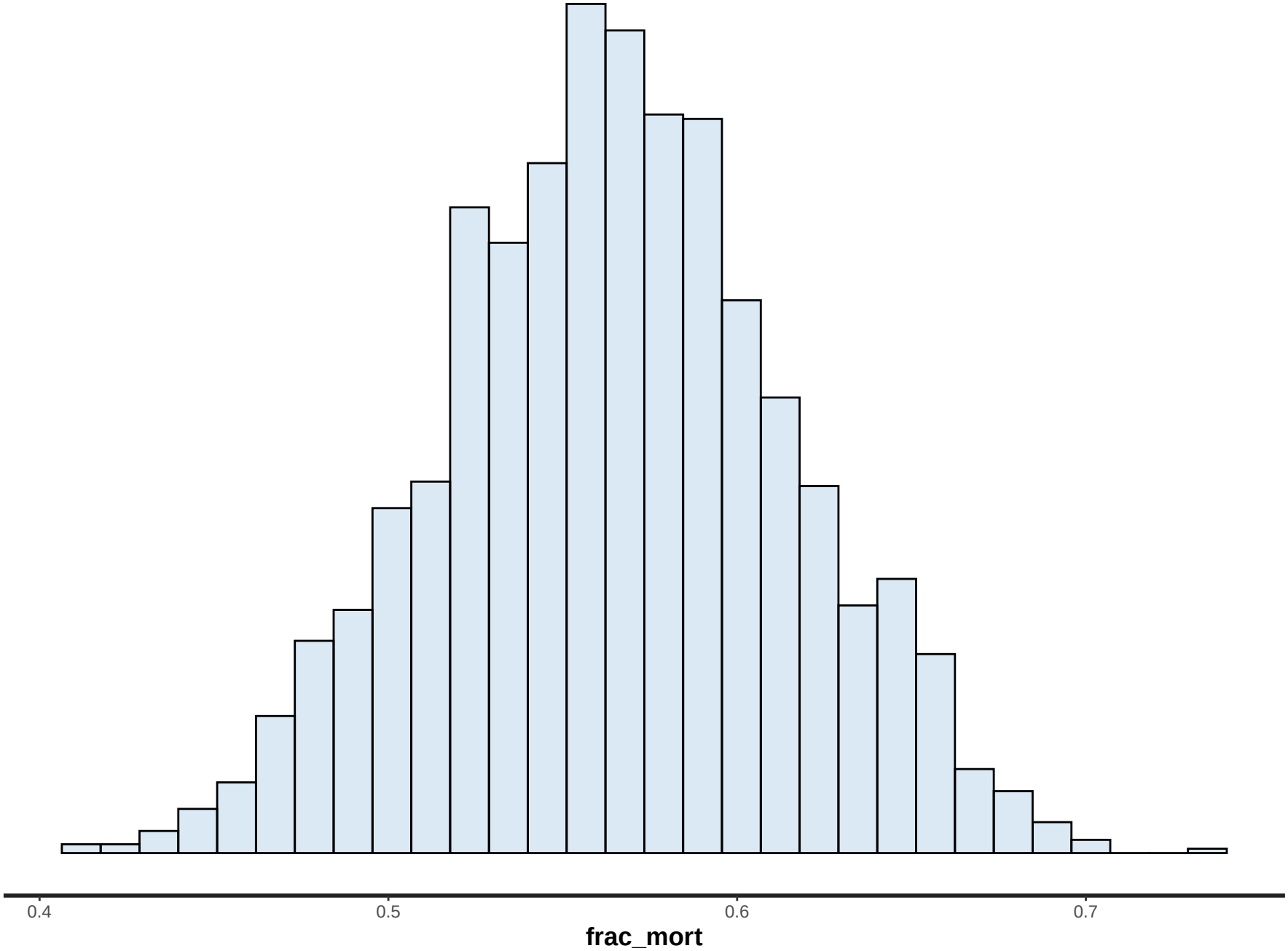

5
10
duration_pre_hosp

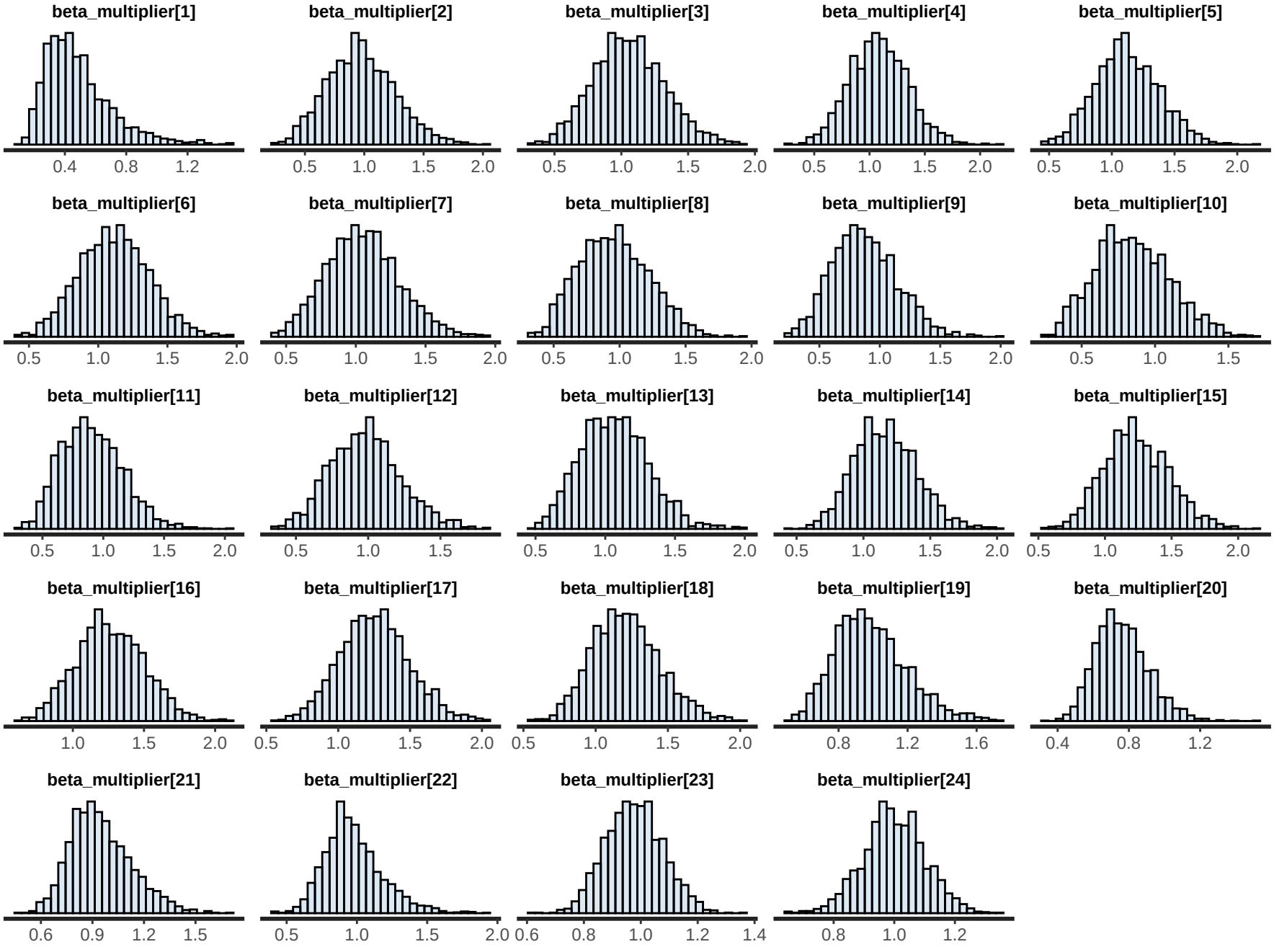

1
2
3
duration_hosp_mod

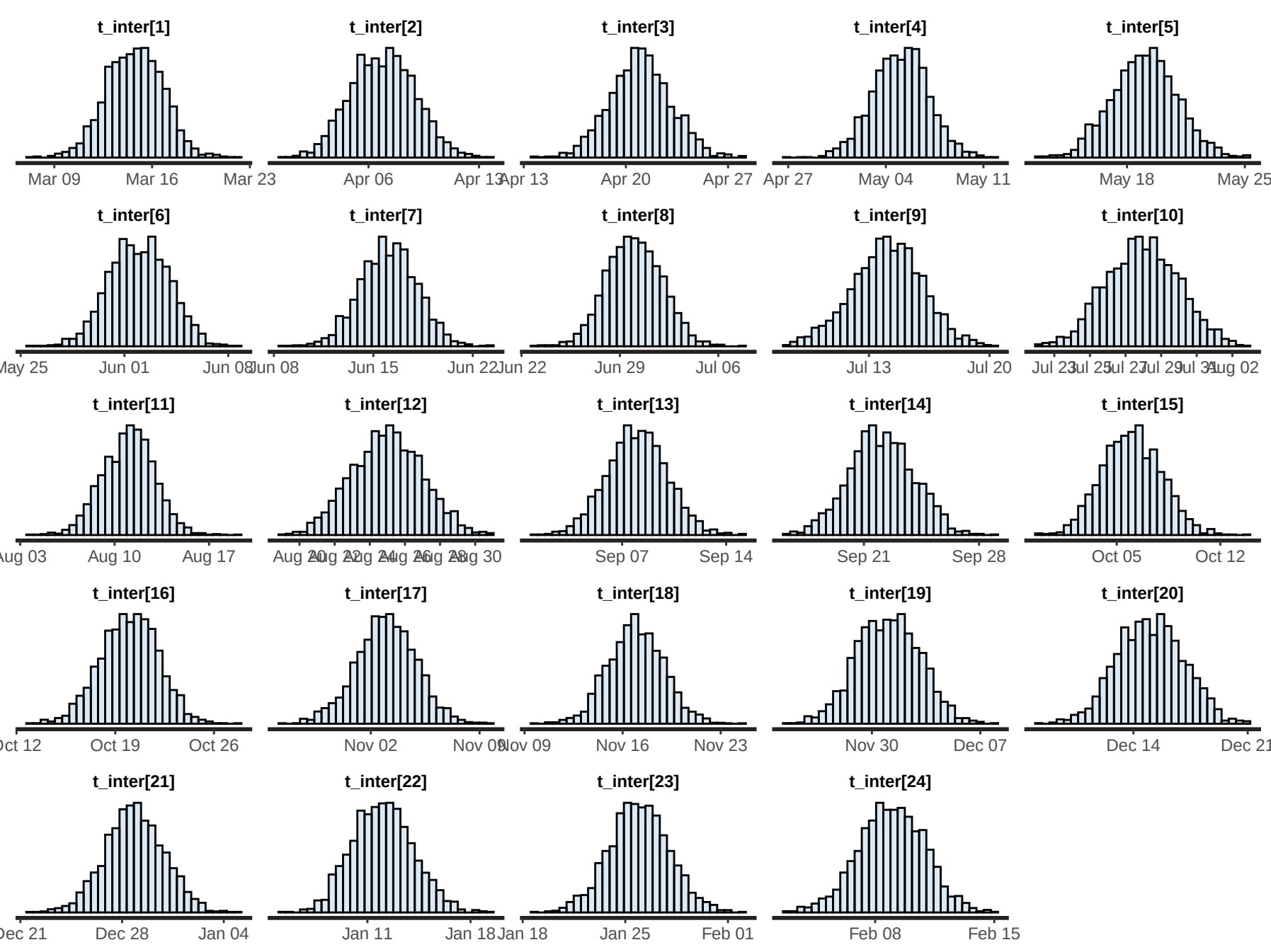

2.0
2.5
3.0
3.5
4.0
duration_hosp_icu

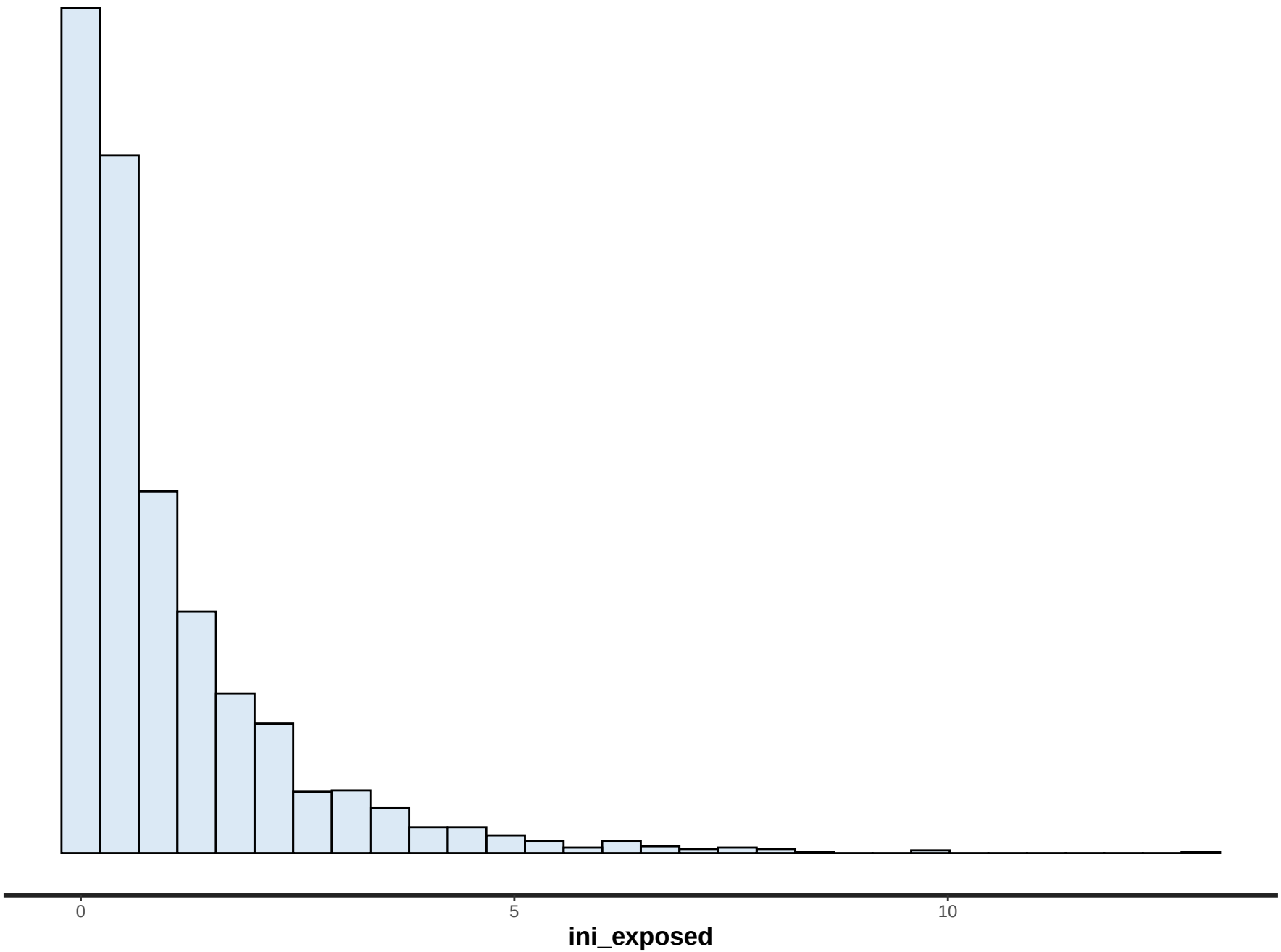

0.000
0.025
0.050
0.075
0.100
frac_hosp

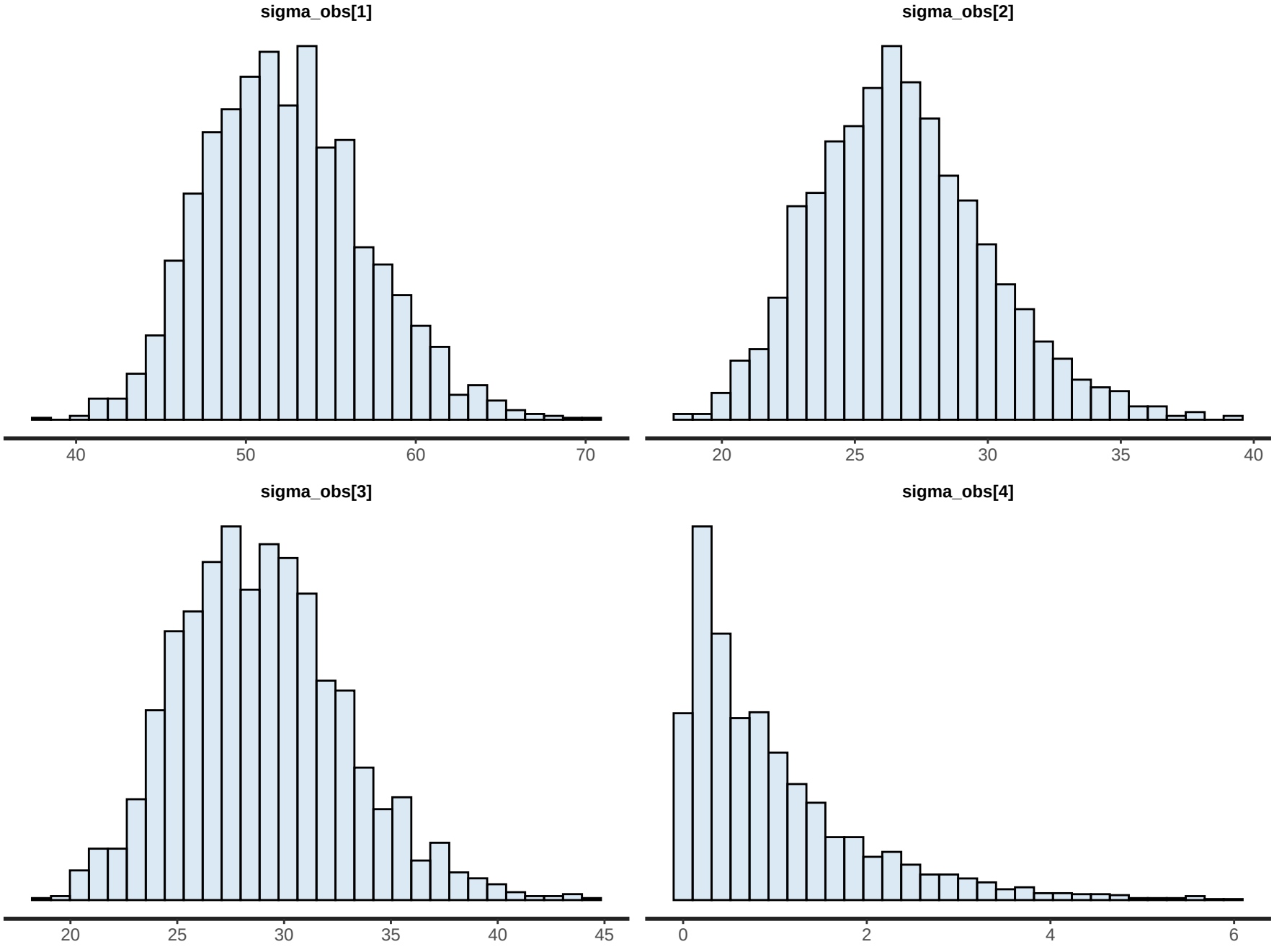

0.15
0.20
0.25
frac_icu


0.4
0.5
0.6
0.7
frac_mort


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]
beta_multiplier[17]
beta_multiplier[18]
beta_multiplier[19]
beta_multiplier[20]
beta_multiplier[21]
beta_multiplier[22]
beta_multiplier[23]
beta_multiplier[24]


t_inter[1]
Mar 09
Mar 16
Mar 23
t_inter[2]
Apr 06
Apr 13
t_inter[3]
Apr 13
Apr 20
Apr 27
t_inter[4]
Apr 27
May 04
May 11
t_inter[5]
May 18
May 25
t_inter[6]
May 25
Jun 01
Jun 08
t_inter[7]
Jun 08
Jun 15
Jun 22
t_inter[8]
Jun 22
Jun 29
Jul 06
t_inter[9]
Jul 13
Jul 20
t_inter[10]
Jul 23
Jul 25
Jul 27
Jul 29
Jul 31
Aug 02
t_inter[11]
Aug 03
Aug 10
Aug 17
t_inter[12]
Aug 30
t_inter[13]
Sep 07
Sep 14
t_inter[14]
Sep 21
Sep 28
t_inter[15]
Oct 05
Oct 12
t_inter[16]
Oct 12
Oct 19
Oct 26
t_inter[17]
Nov 02
Nov 09
t_inter[18]
Nov 09
Nov 16
Nov 23
t_inter[19]
Nov 30
Dec 07
t_inter[20]
Dec 14
Dec 21
t_inter[21]
Dec 21
Dec 28
Jan 04
t_inter[22]
Jan 11
Jan 18
t_inter[23]
Jan 18
Jan 25
Feb 01
t_inter[24]
Feb 08
Feb 15


0
5
10
ini_exposed


sigma_obs[1]
40
50
60
70
sigma_obs[2]
20
25
30
35
40
sigma_obs[3]
20
25
30
35
40
45
sigma_obs[4]
0
2
4
6