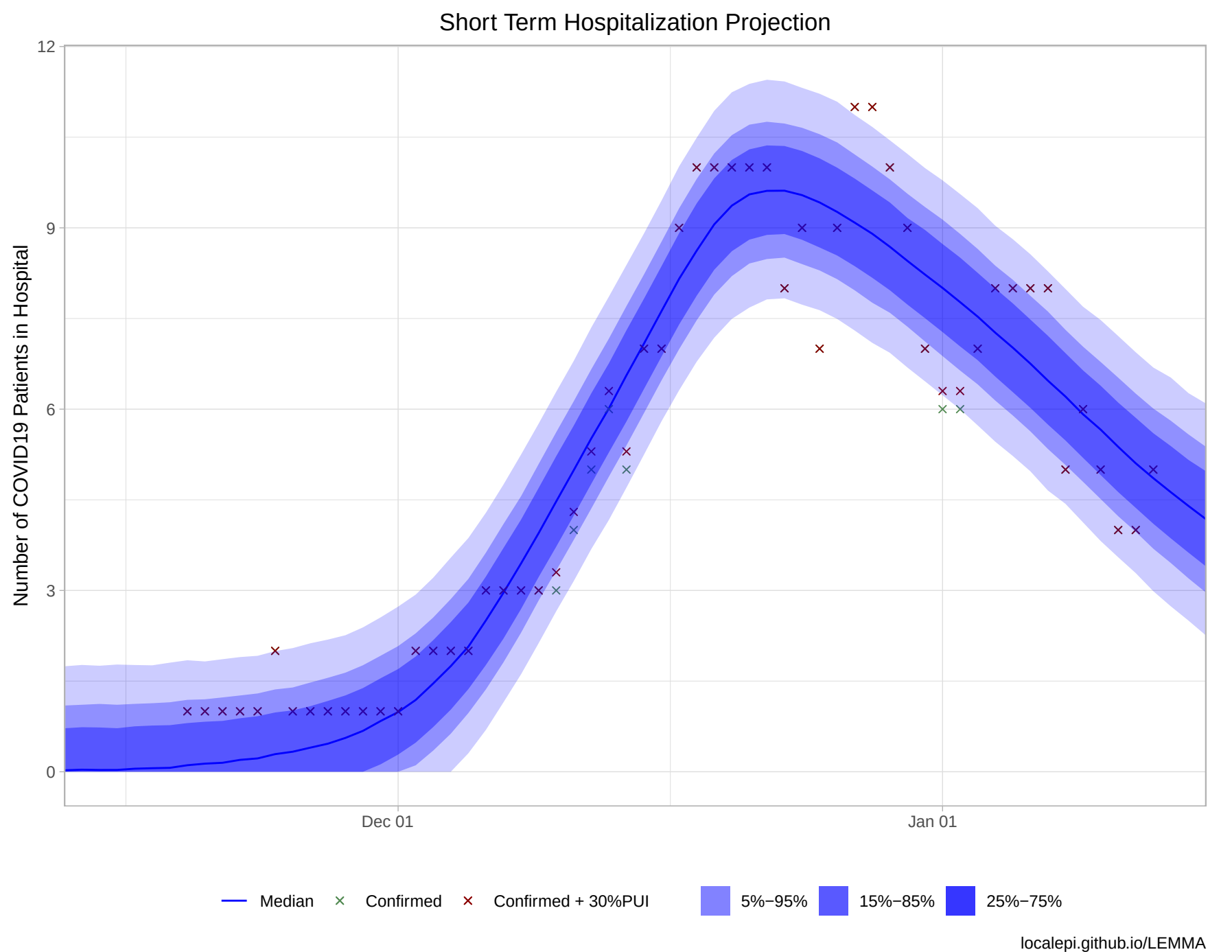
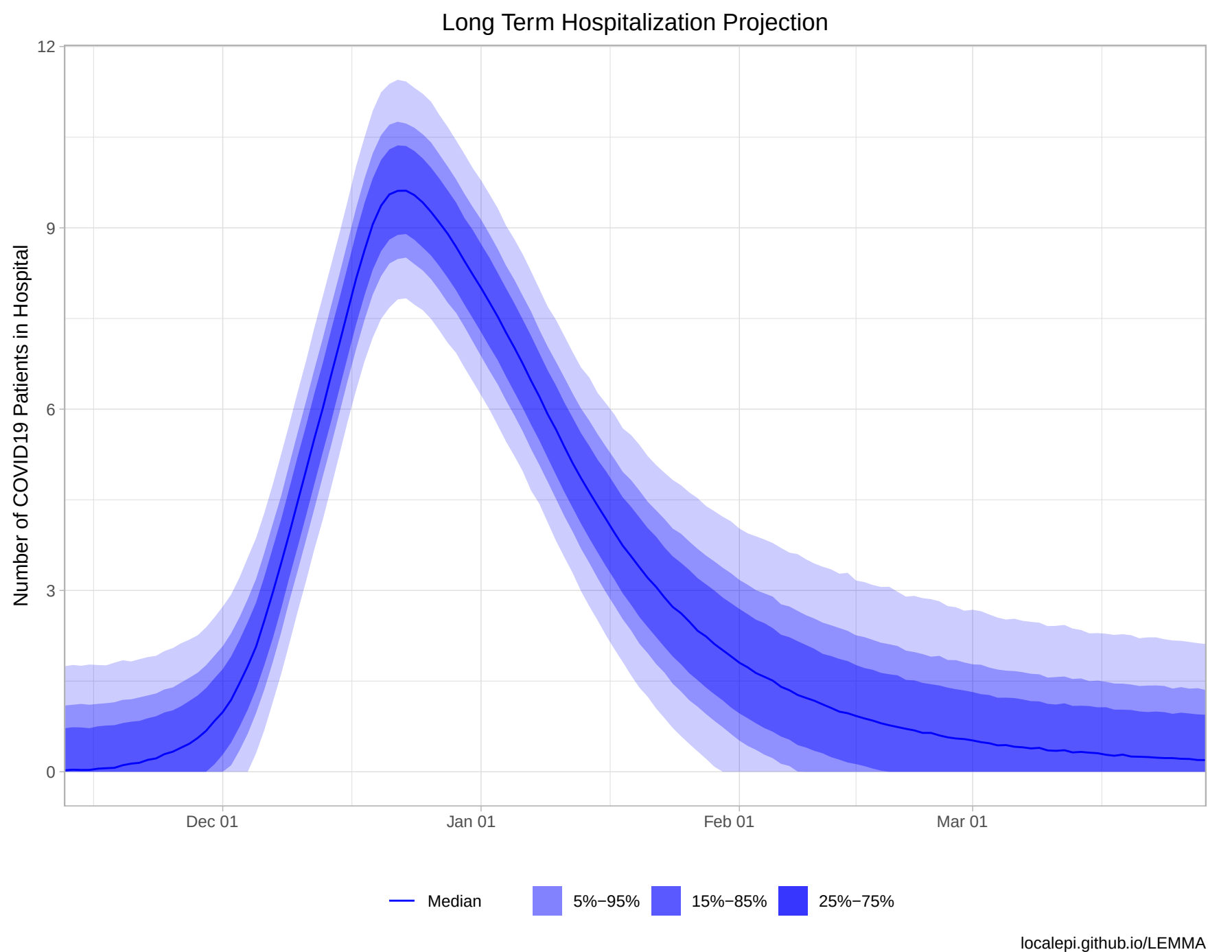
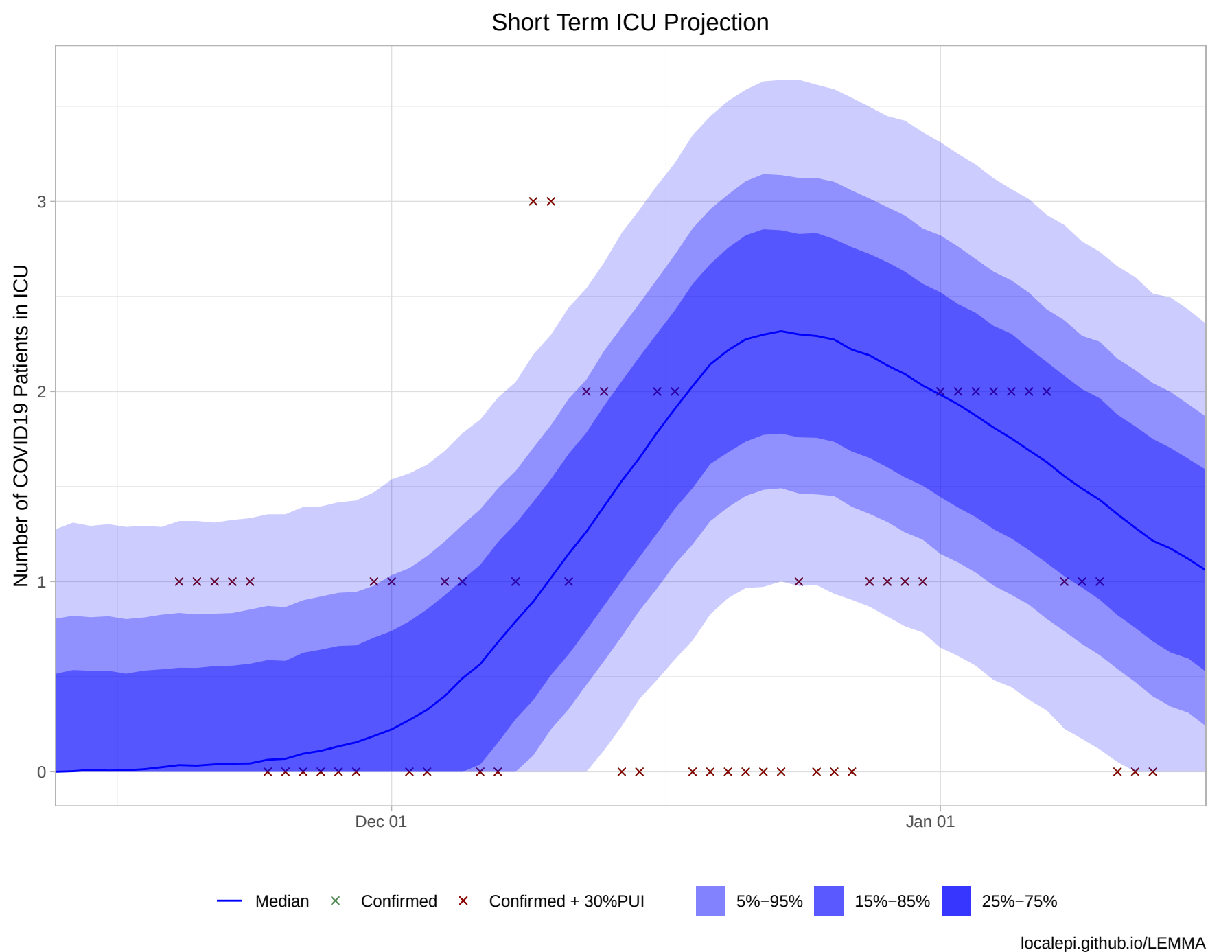
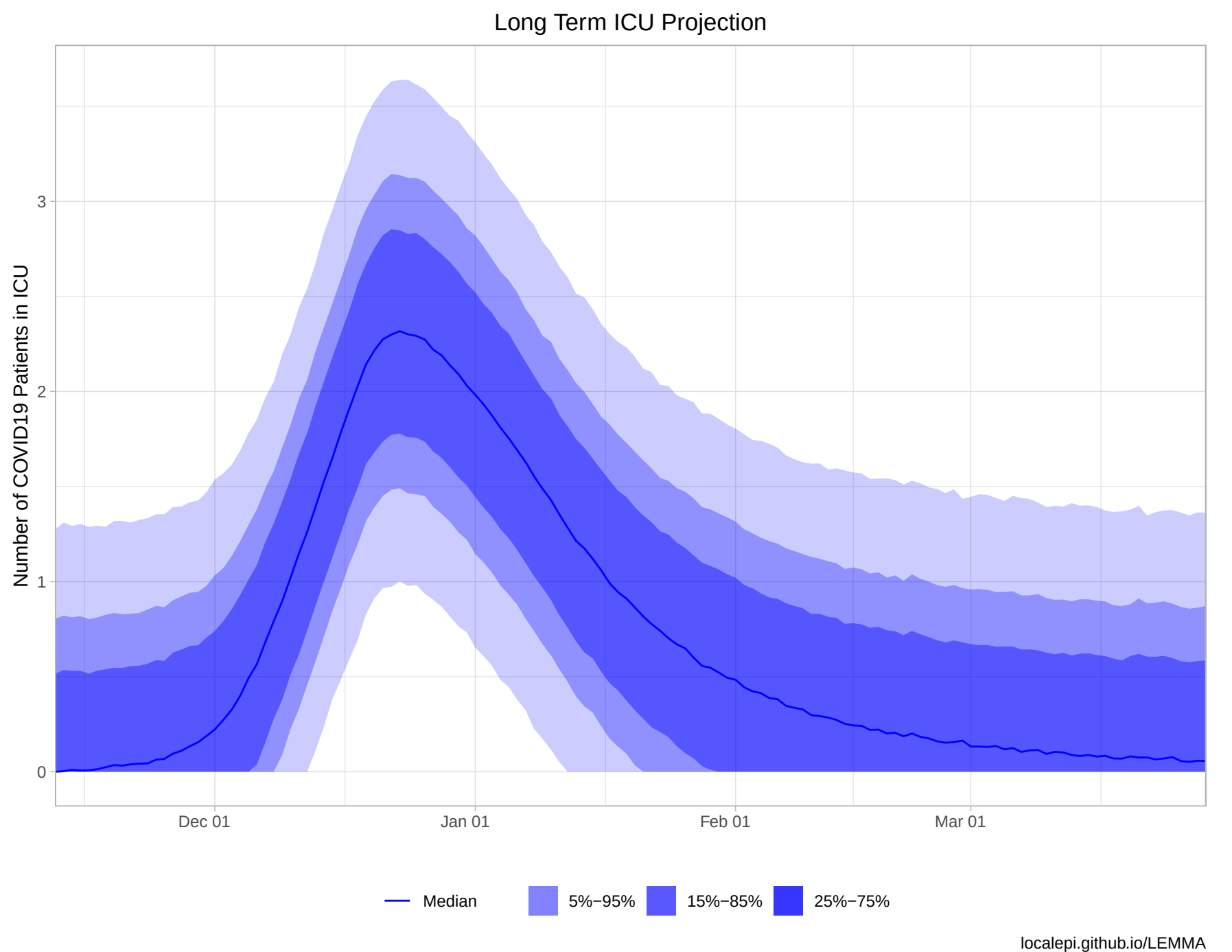
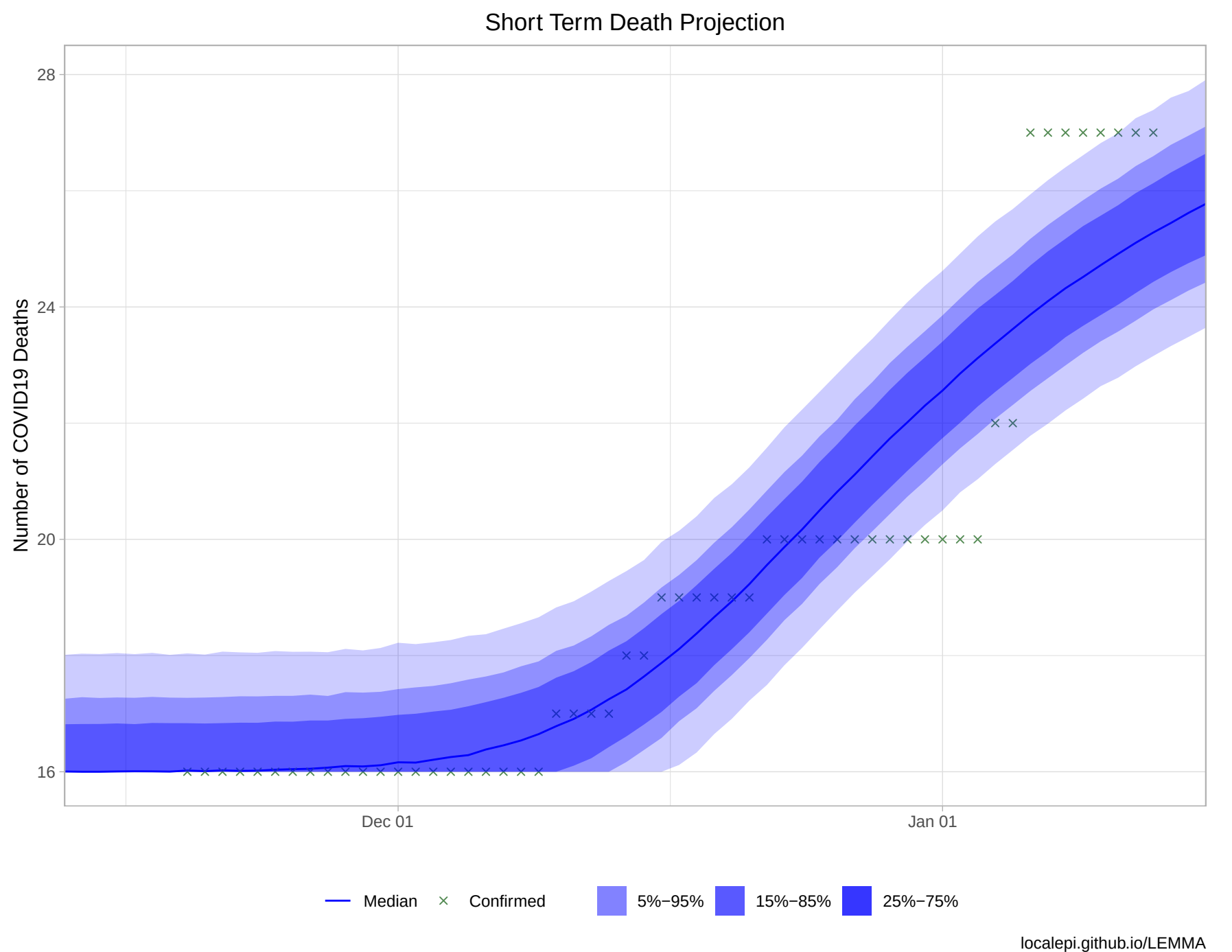
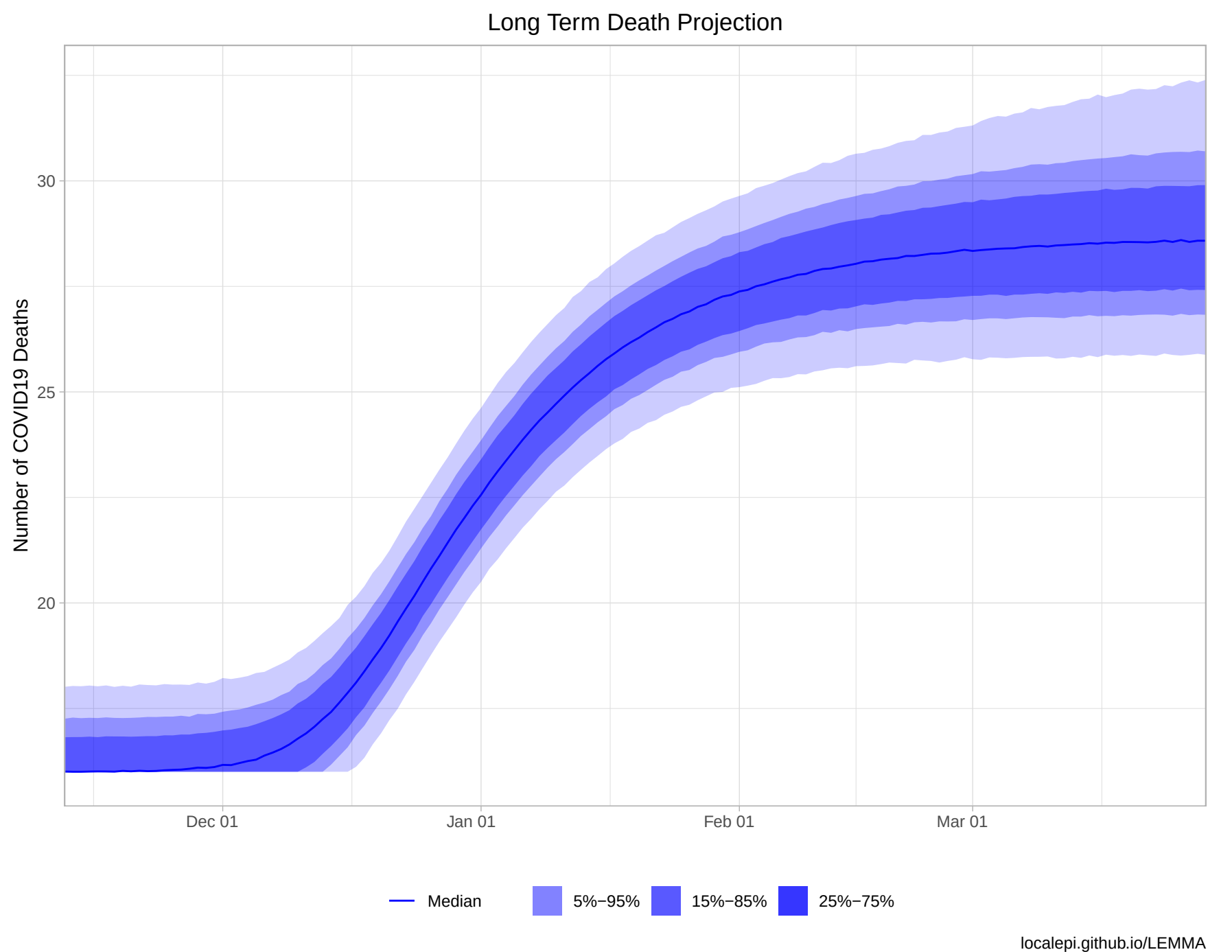

Short Term Hospitalization Projection
Number of COVID19 Patients in Hospital
12
9
6
3
0
Dec 01
Jan 01
Median
Confirmed
Confirmed + 30%PUI
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

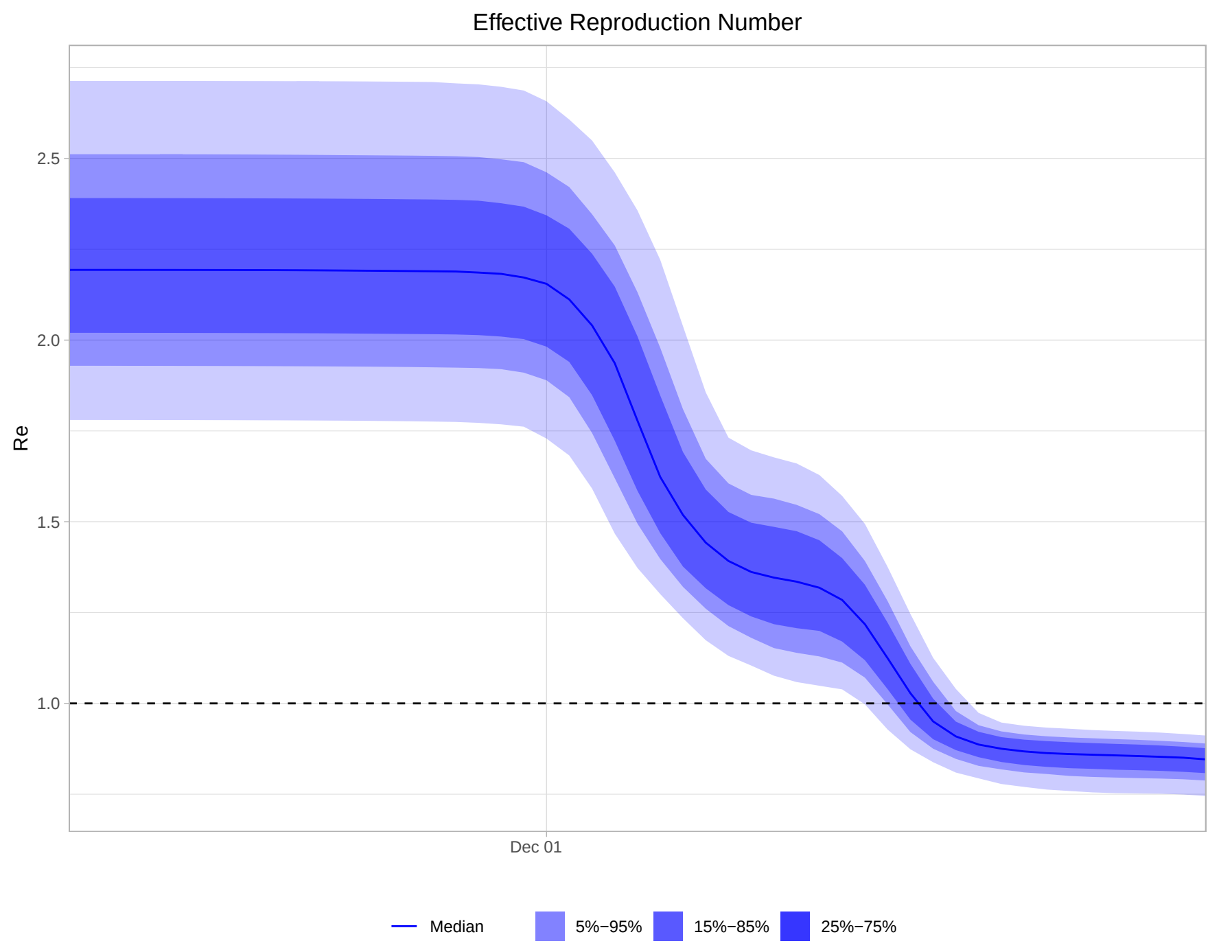

Long Term Hospitalization Projection
Number of COVID19 Patients in Hospital
12
9
6
3
0
Dec 01
Jan 01
Feb 01
Mar 01
Median
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA


Short Term ICU Projection
Number of COVID19 Patients in ICU
0
1
2
3
Dec 01
Jan 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
0
1
2
3
Dec 01
Jan 01
Feb 01
Mar 01
Median
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

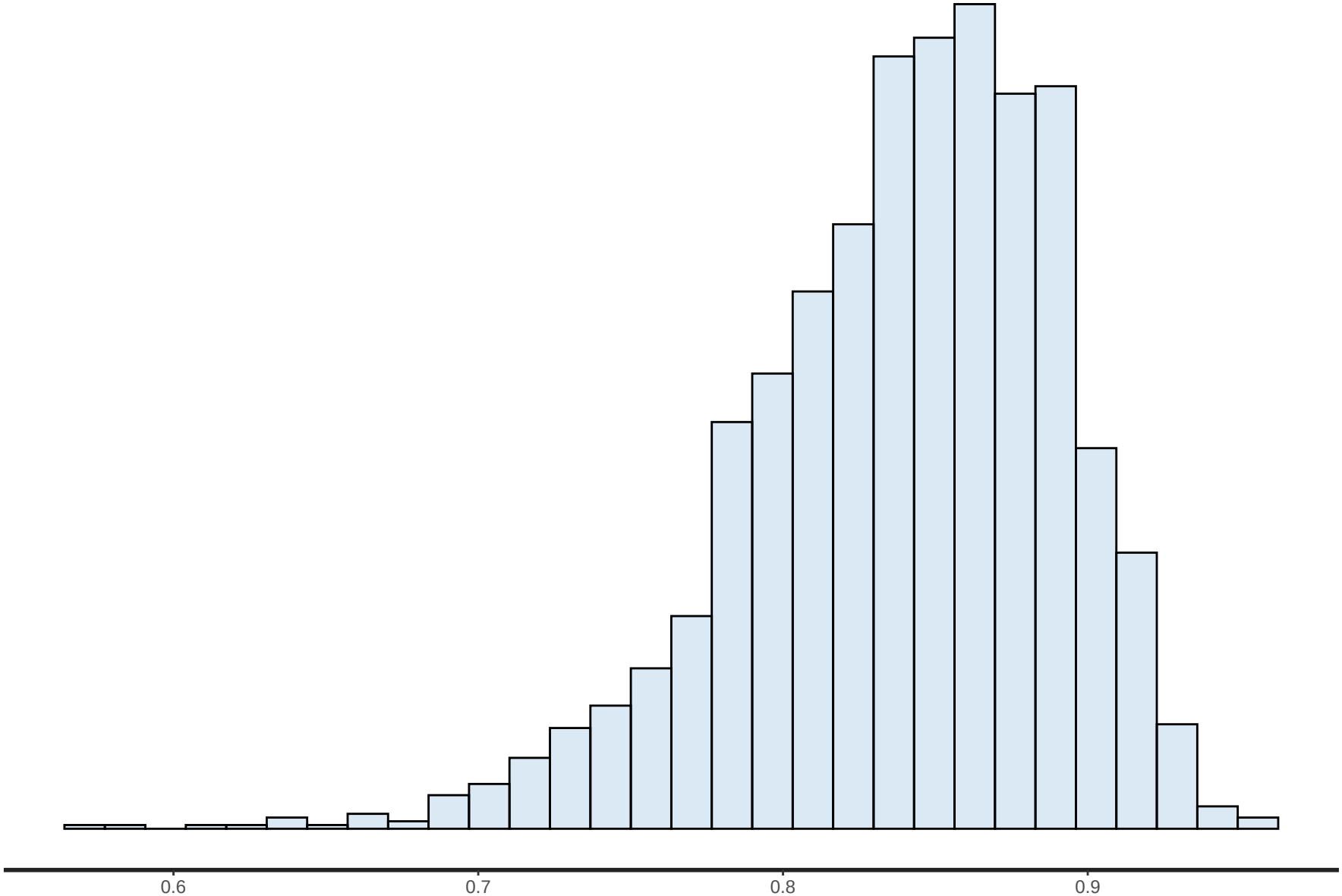

Short Term Death Projection
Number of COVID19 Deaths
28
24
20
16
Dec 01
Jan 01
Median
Confirmed
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

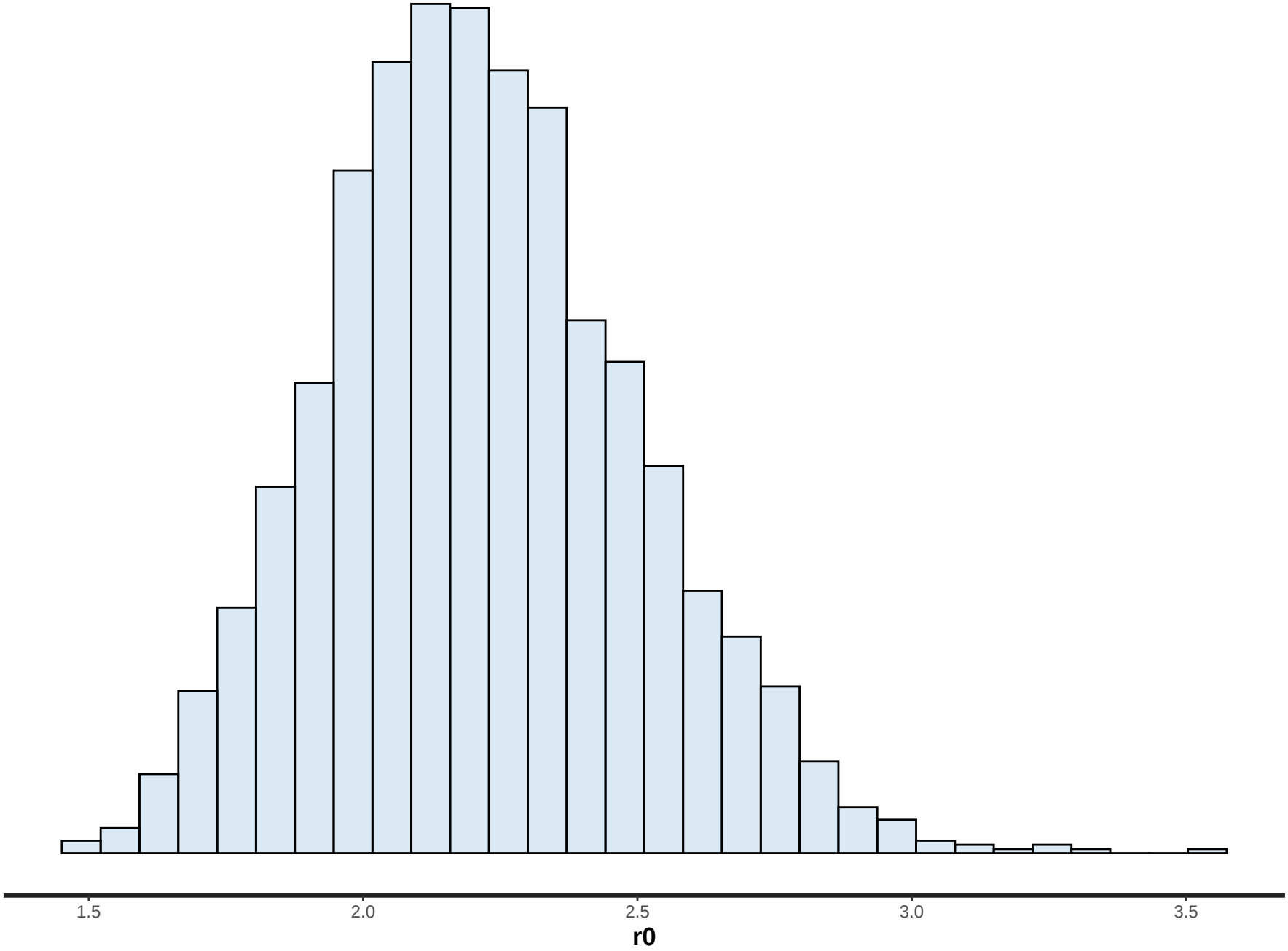

Long Term Death Projection
Number of COVID19 Deaths
30
25
20
Dec 01
Jan 01
Feb 01
Mar 01
Median
5%−95%
15%−85%
25%−75%
localepi.github.io/LEMMA

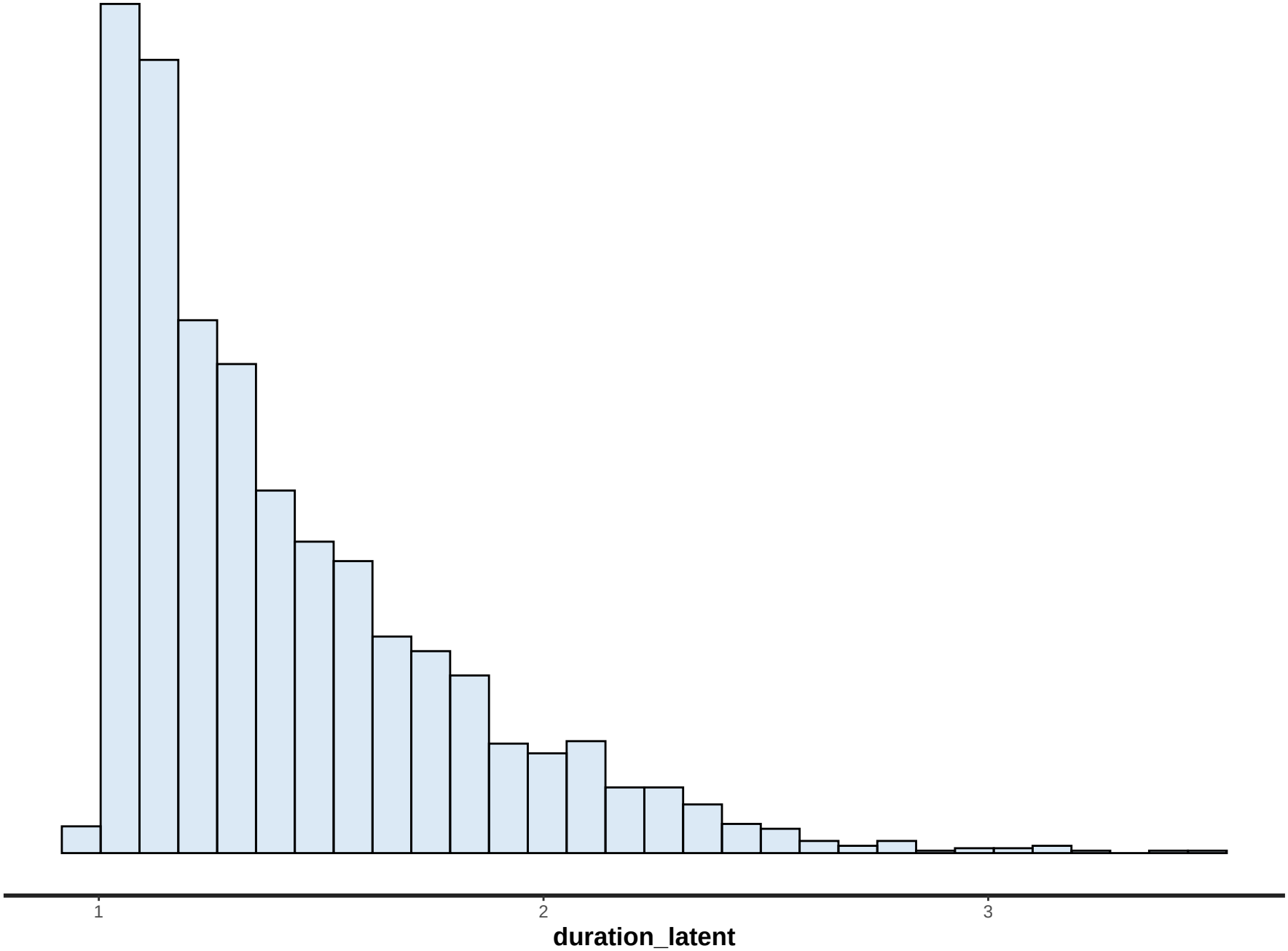

Effective Reproduction Number
Re
2.5
2.0
1.5
1.0
Dec 01
Median
5%−95%
15%−85%
25%−75%

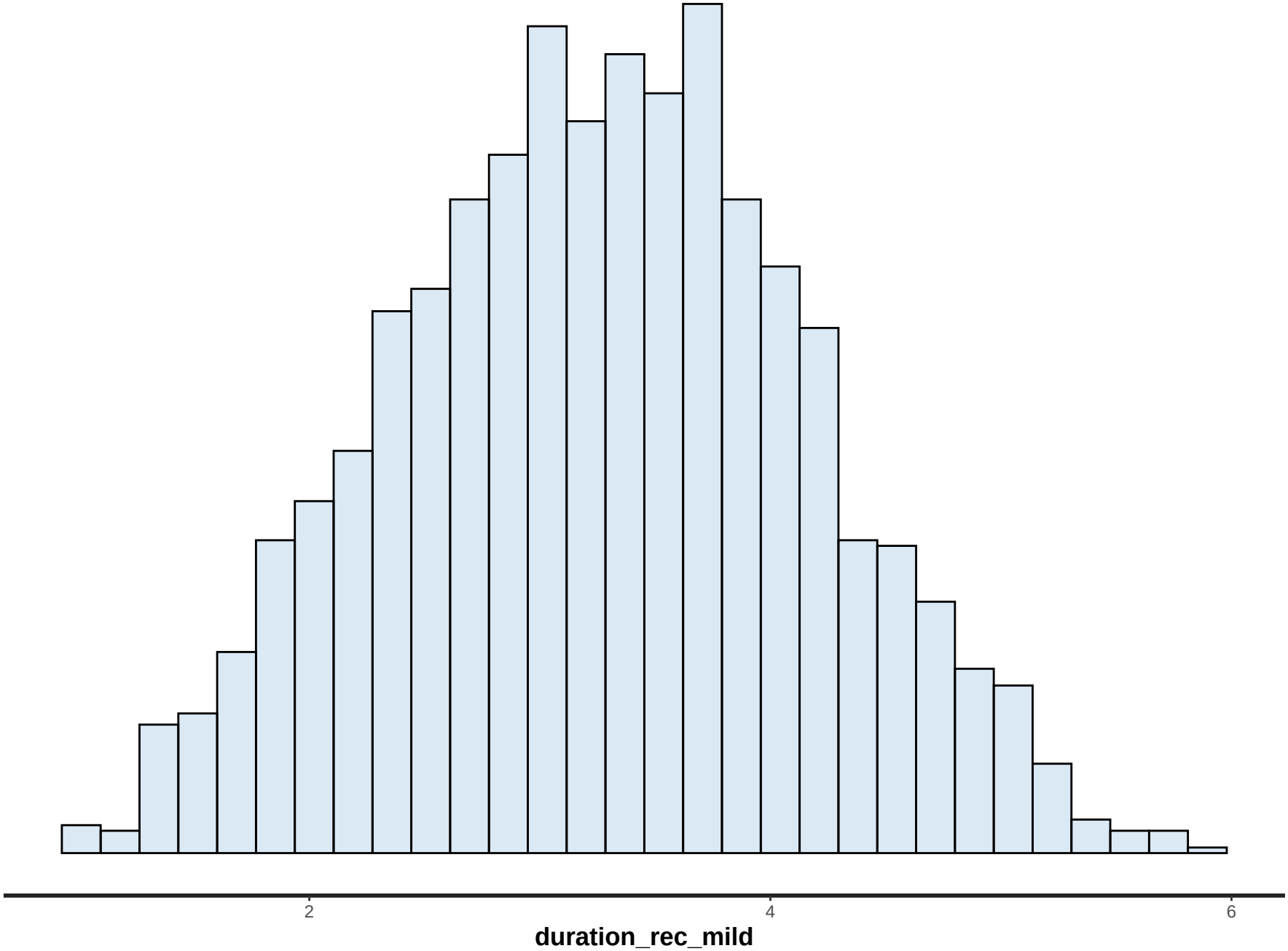
Rt as of 2020−12−30

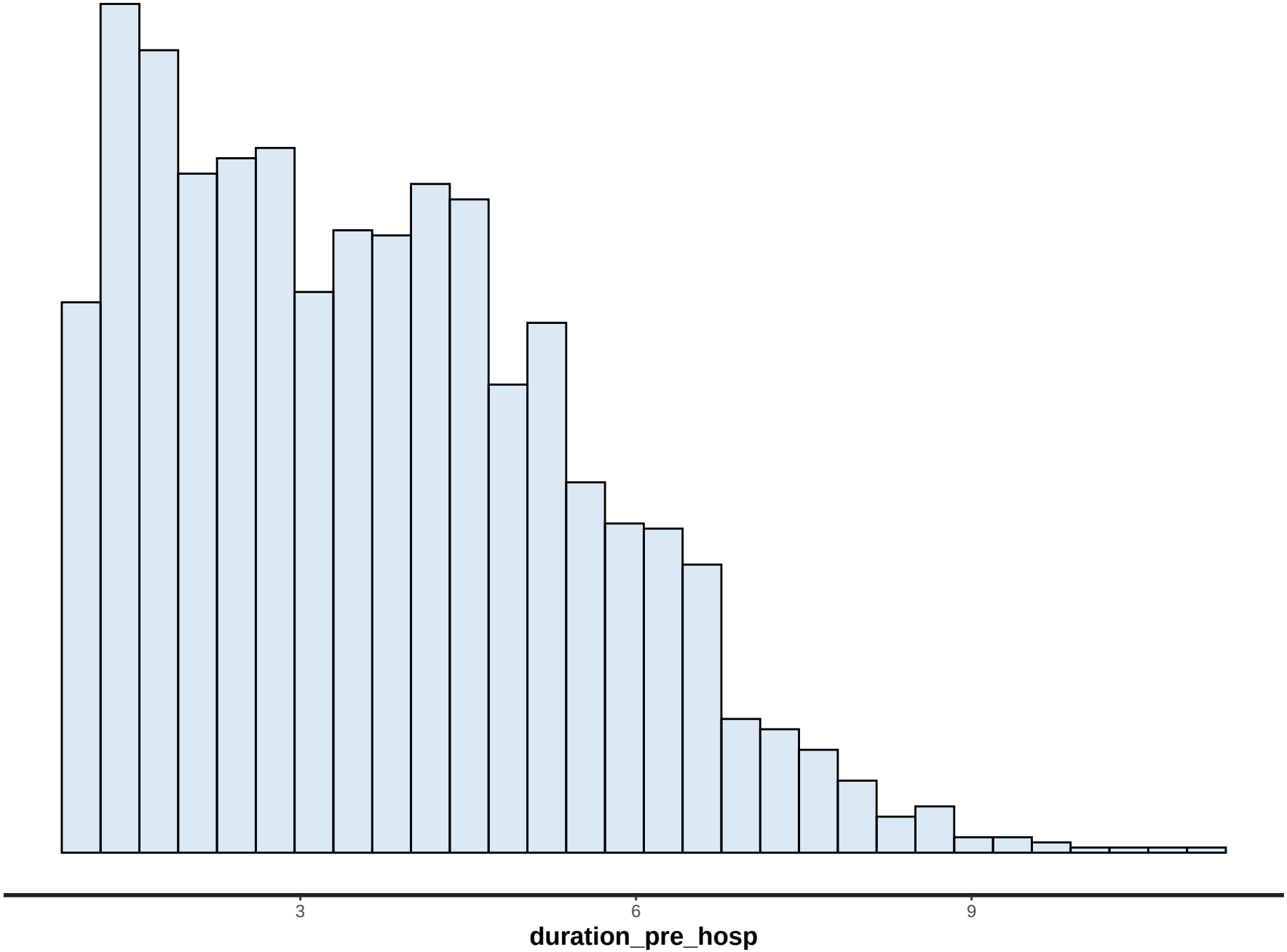
5%	10%	25%	50%	75%	90%	95%
0.74	0.77	0.81	0.85	0.88	0.90	0.91

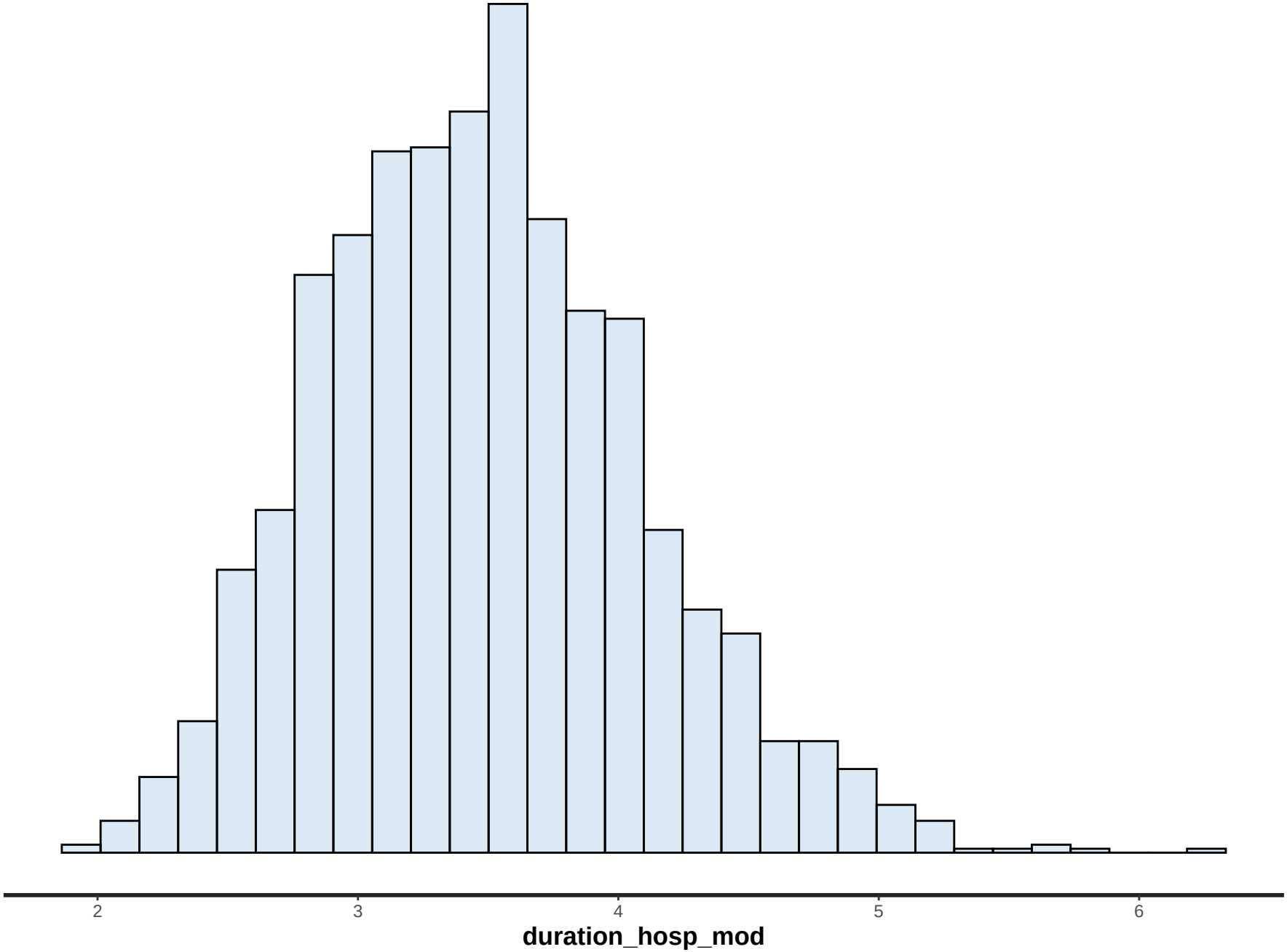


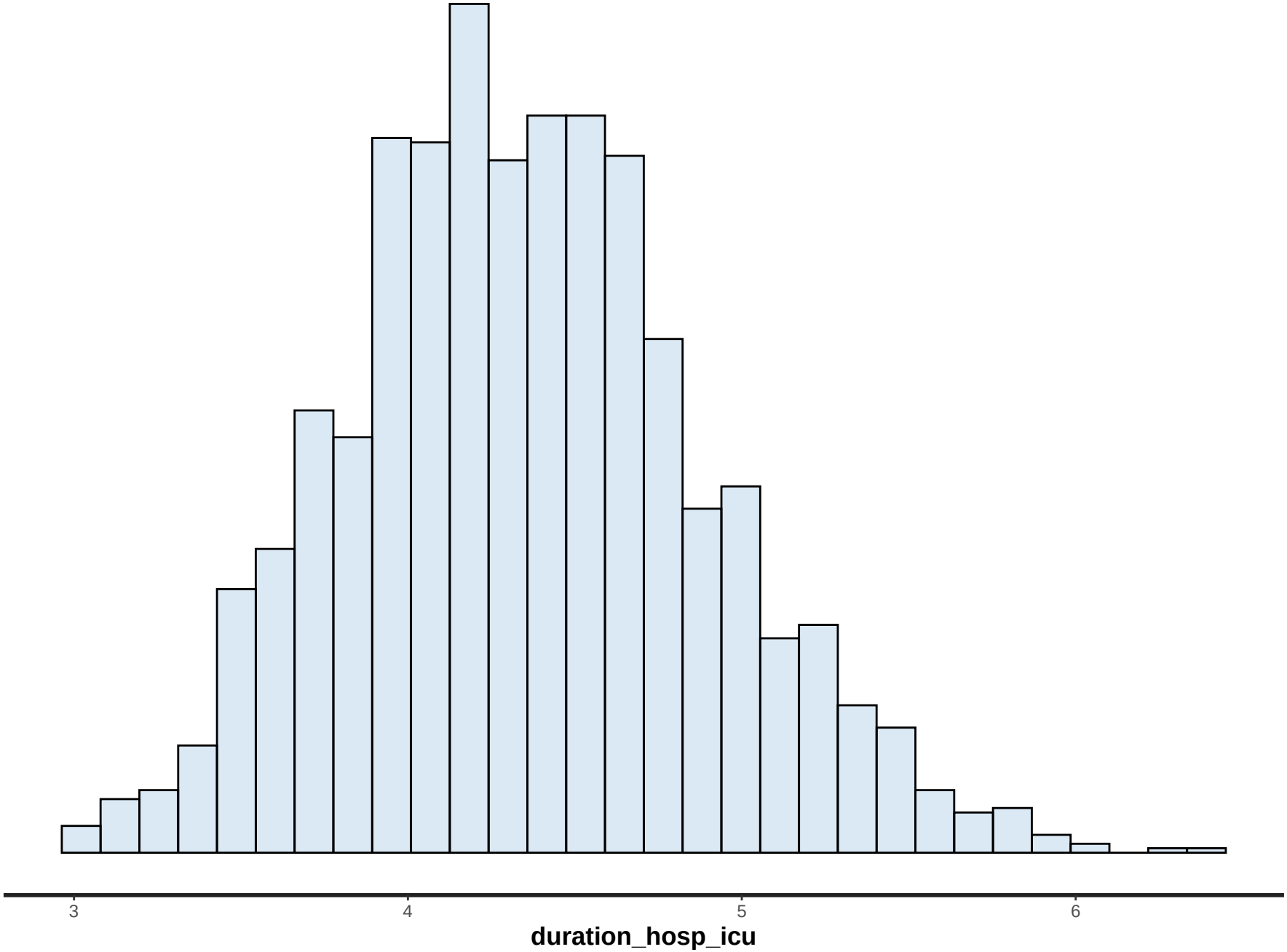

1.5
2.0
2.5
3.0
3.5
r0

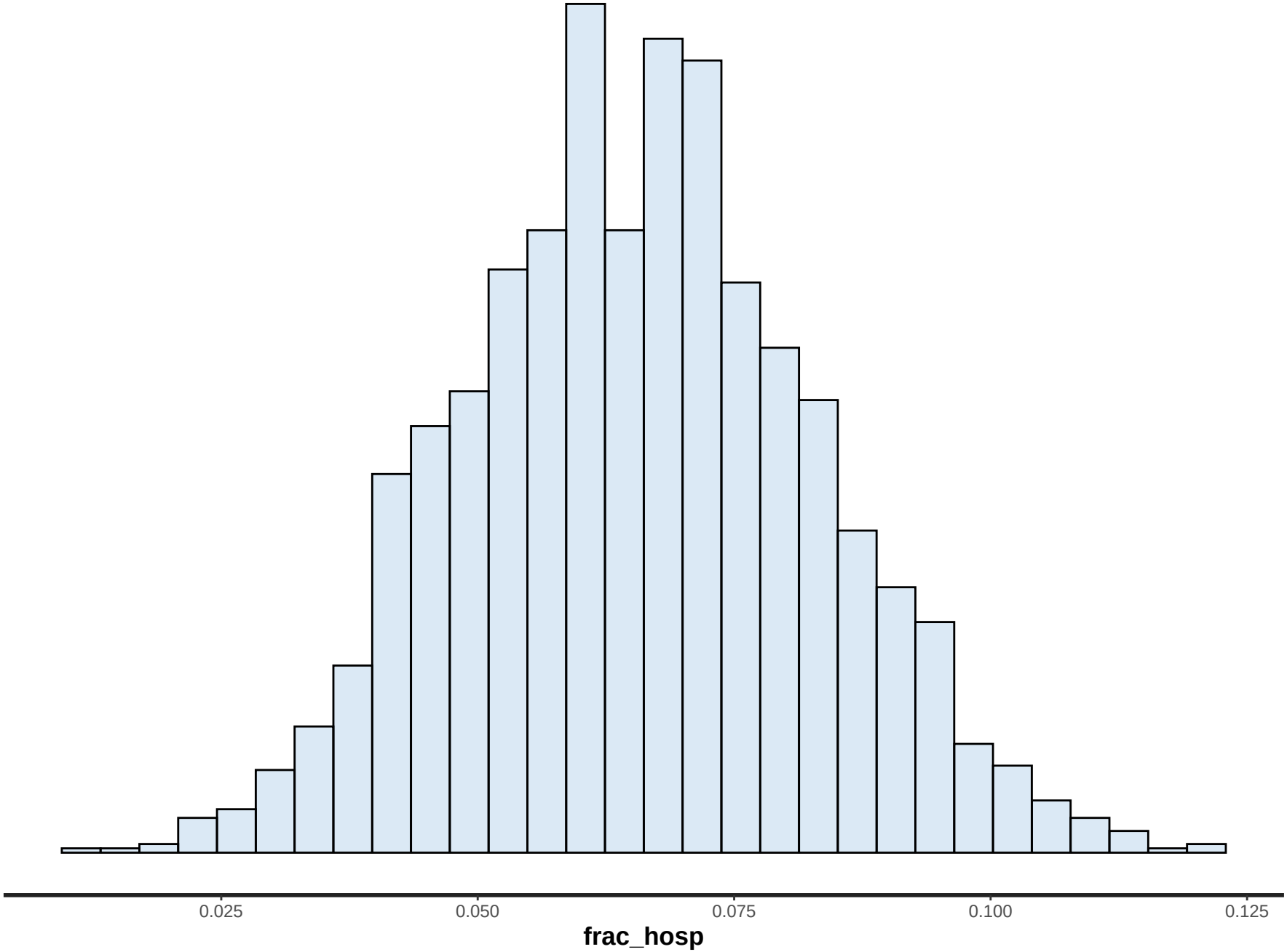

1
2
3
duration_latent


2
4
6
duration_rec_mild


3
6
9
duration_pre_hosp


2
3
4
5
6
duration_hosp_mod


3
4
5
6
duration_hosp_icu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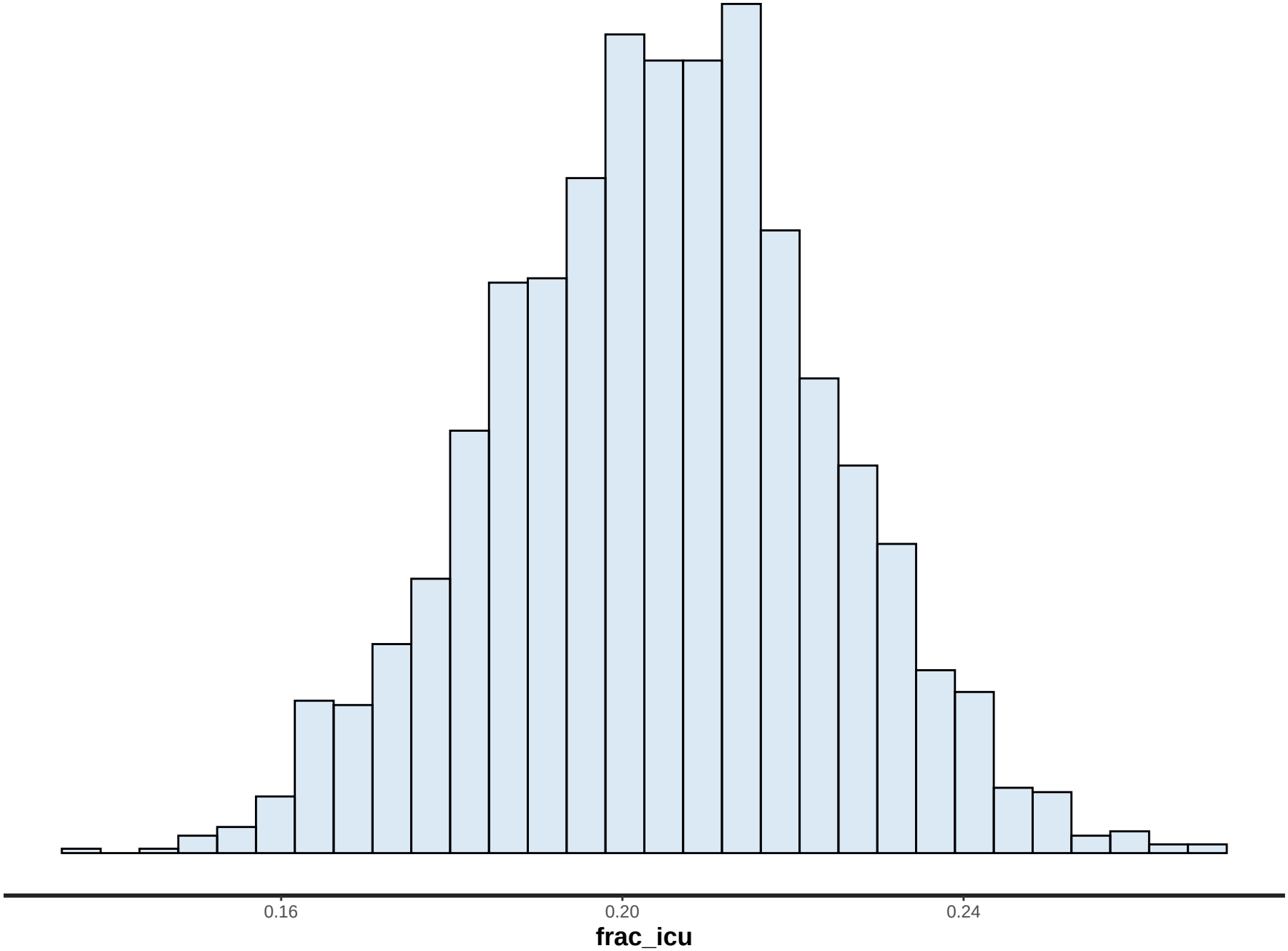
0.050
0.075
0.100
0.125
frac_hosp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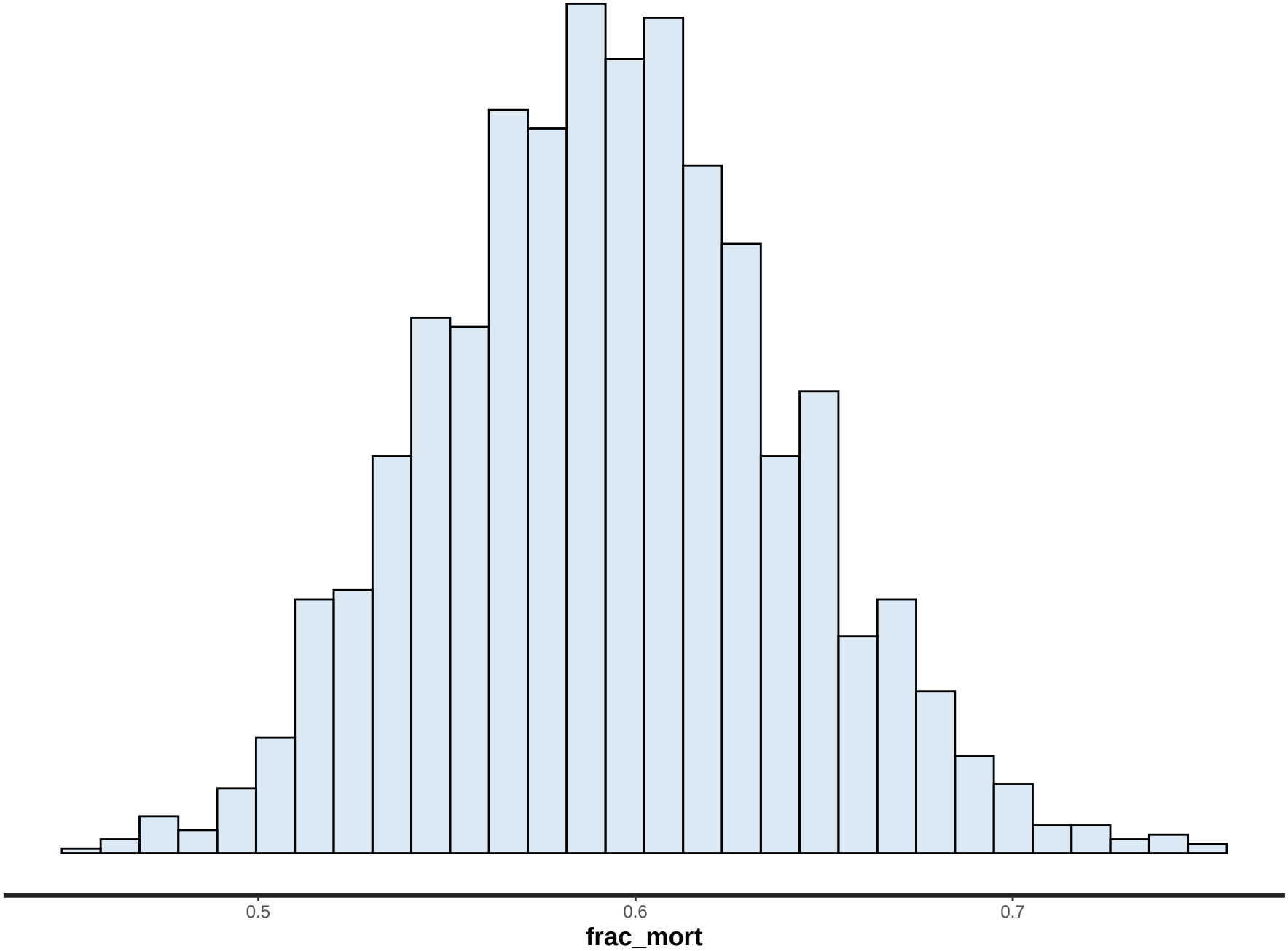
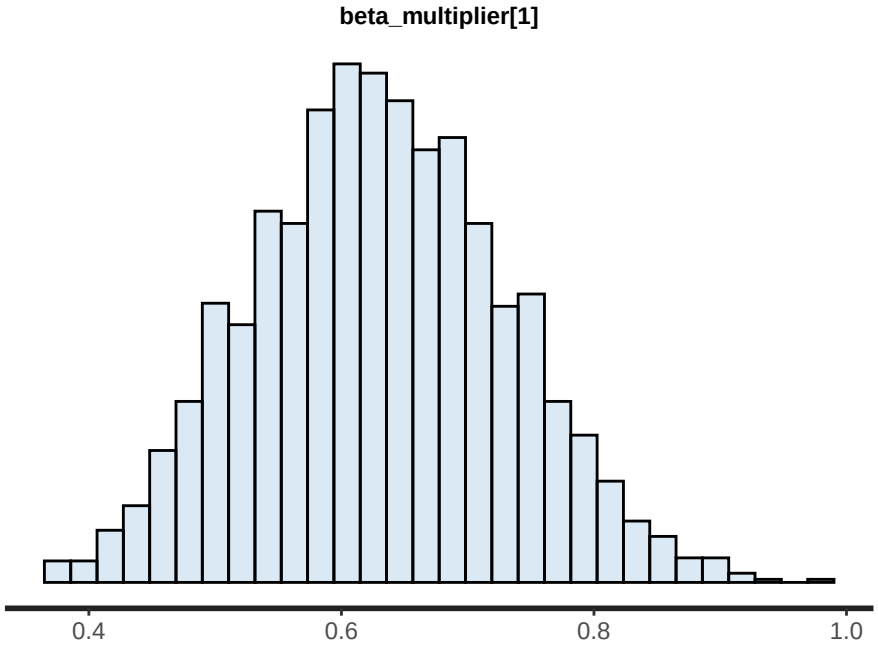
0.20
0.24
frac_icu


0.5
0.6
0.7
frac_mort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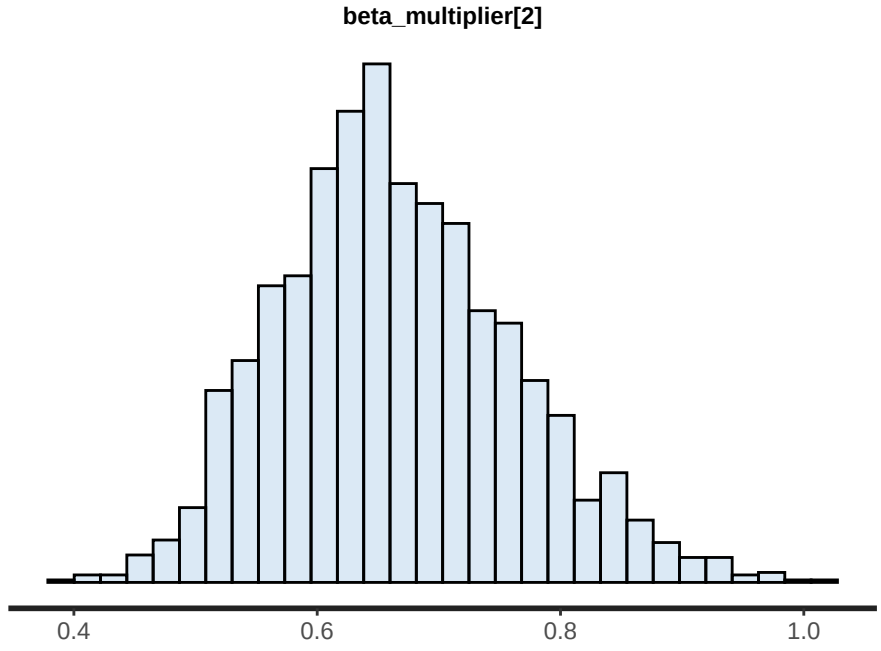
0.6
0.8
1.0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0.6
0.8
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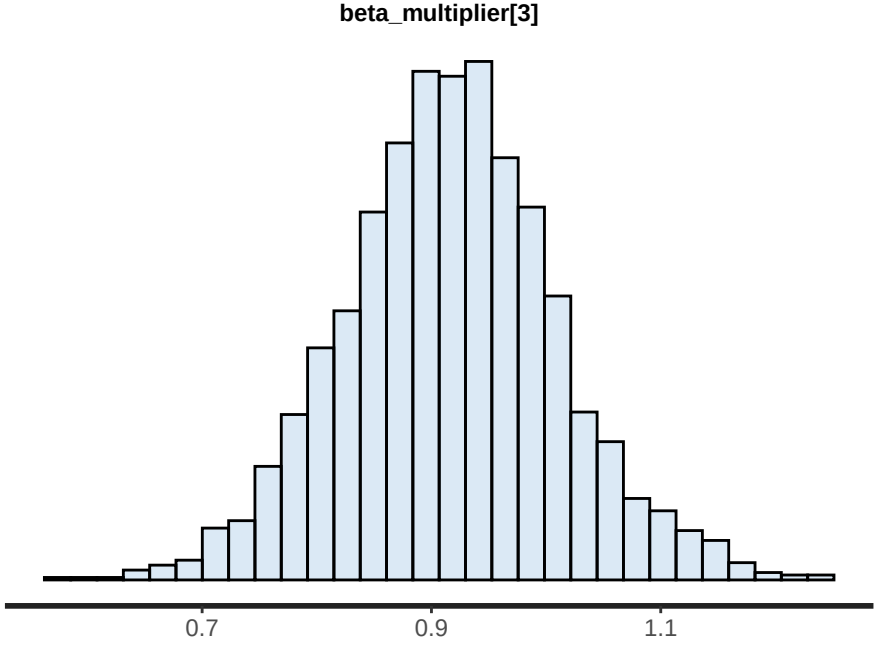
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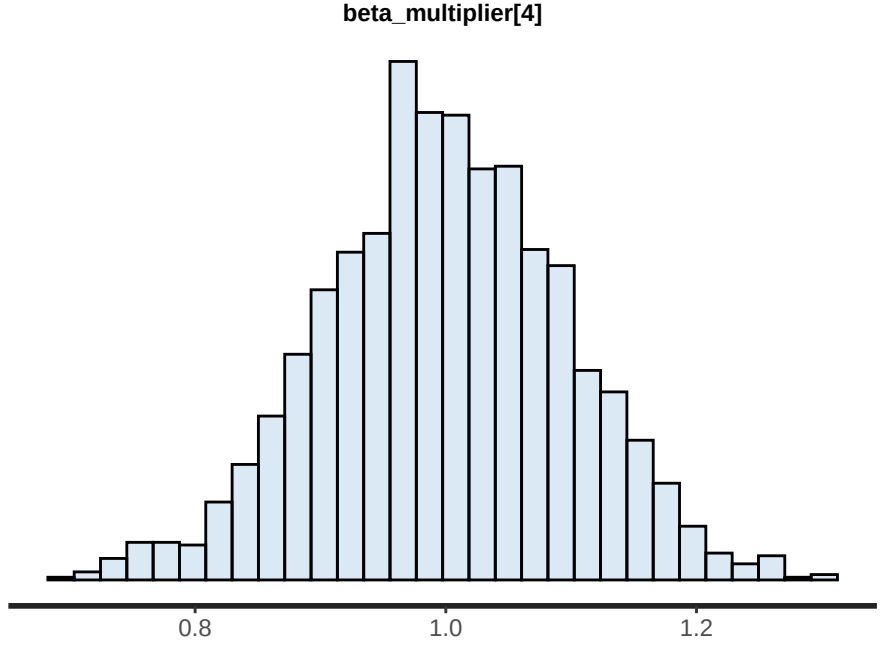
0.9
1.1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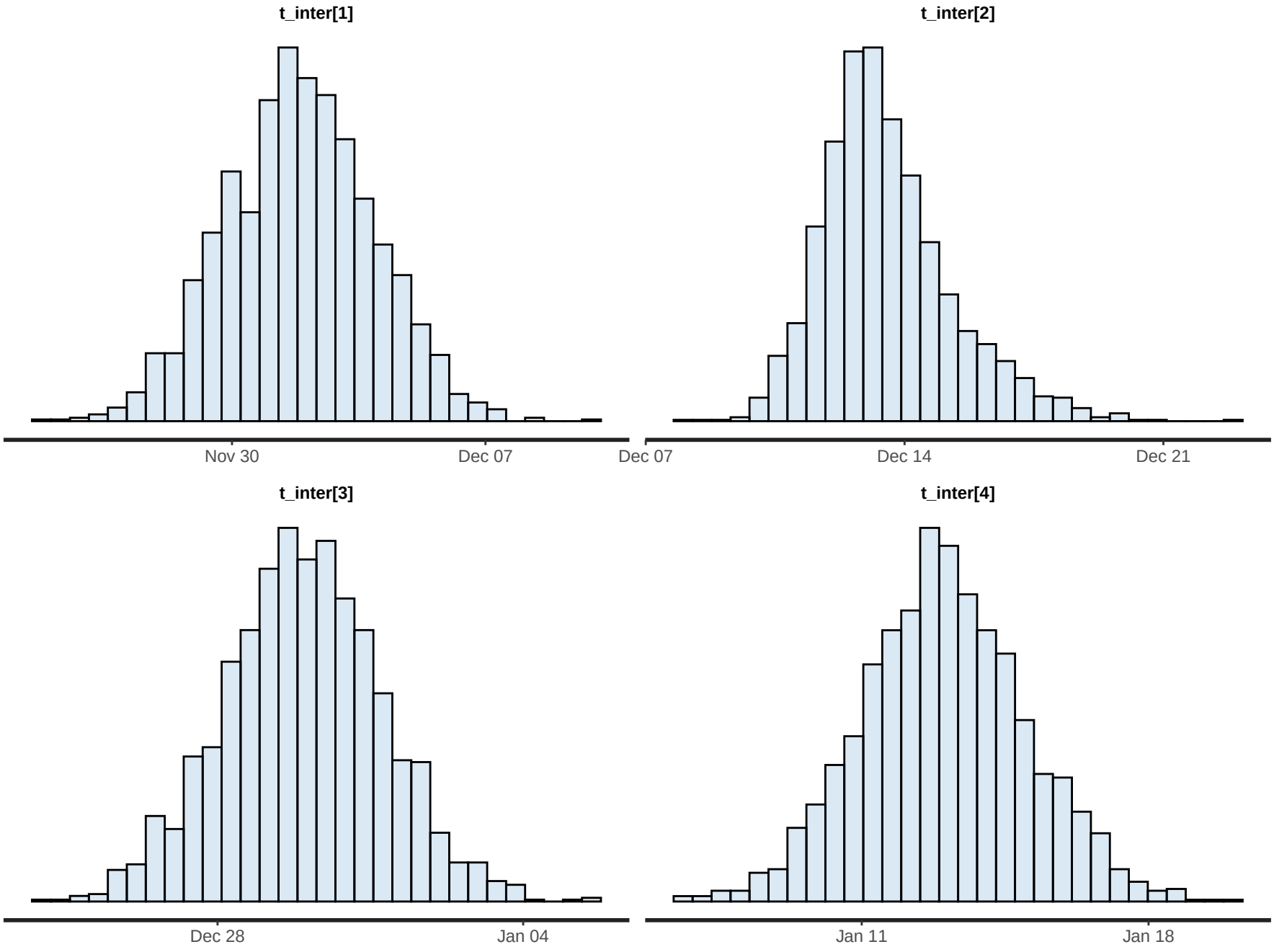
1.0
1.2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Dec 07
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Dec 21
t_inter[3]
Dec 28
Jan 04
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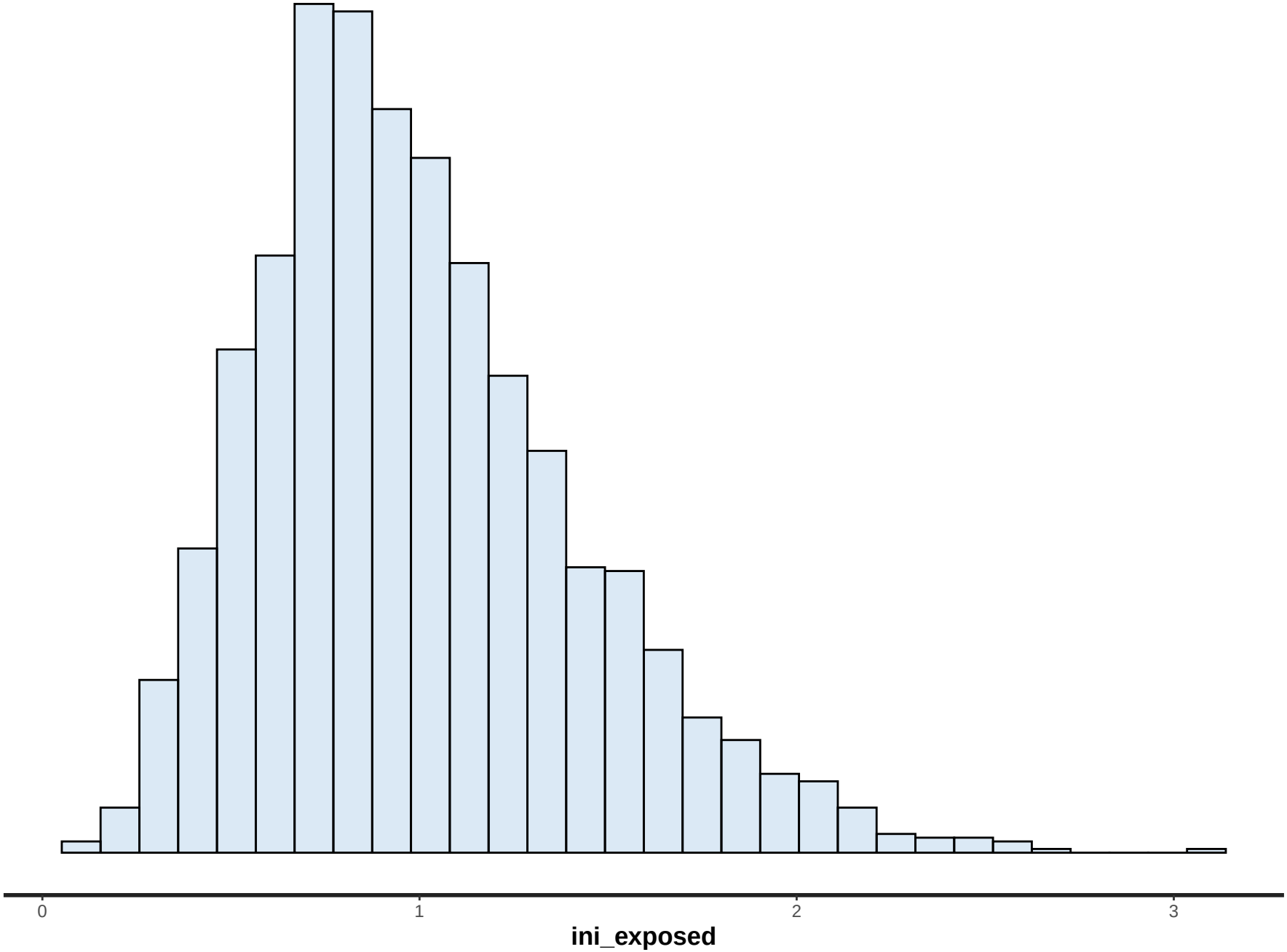
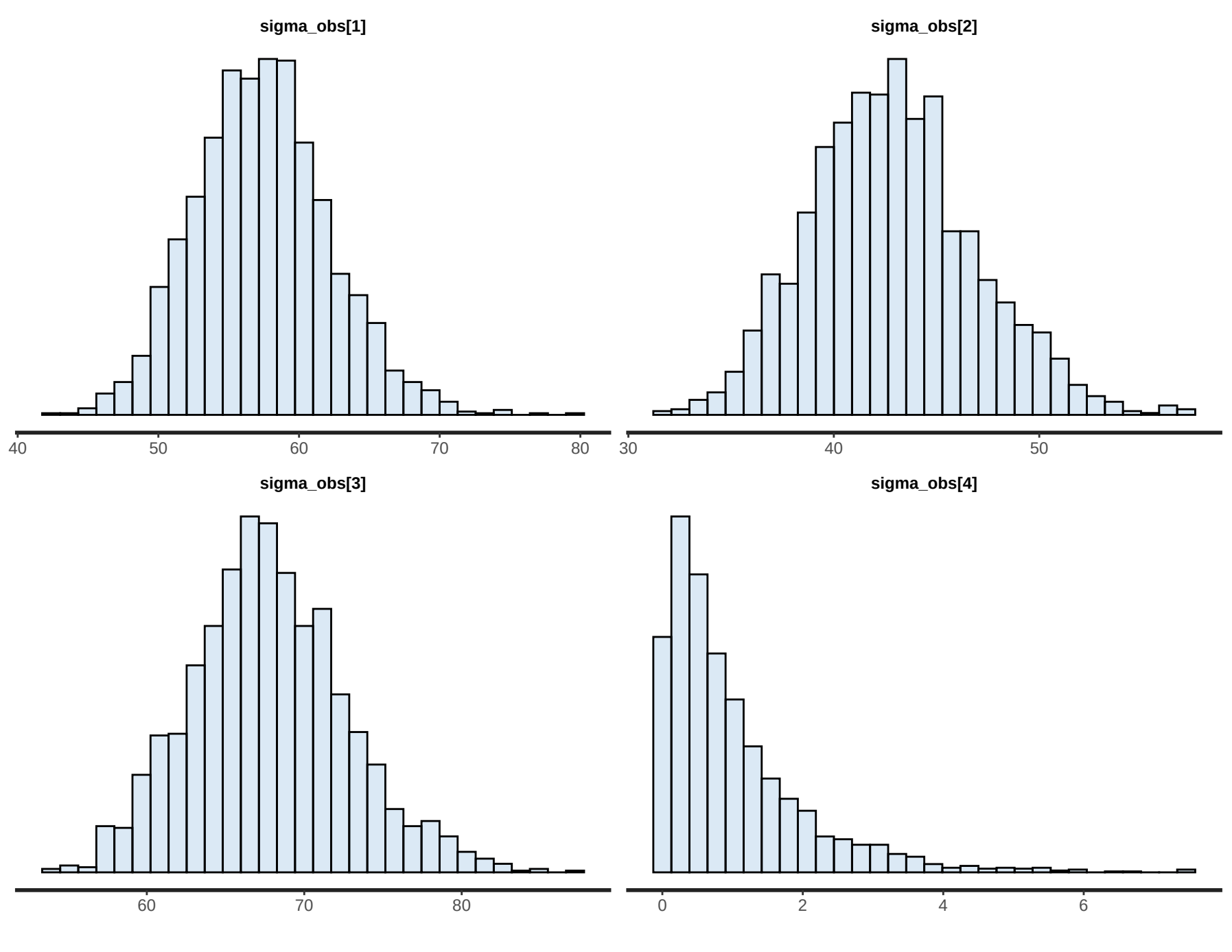
Jan 11
Jan 18


0
1
2
3
ini_exposed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80
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4
6