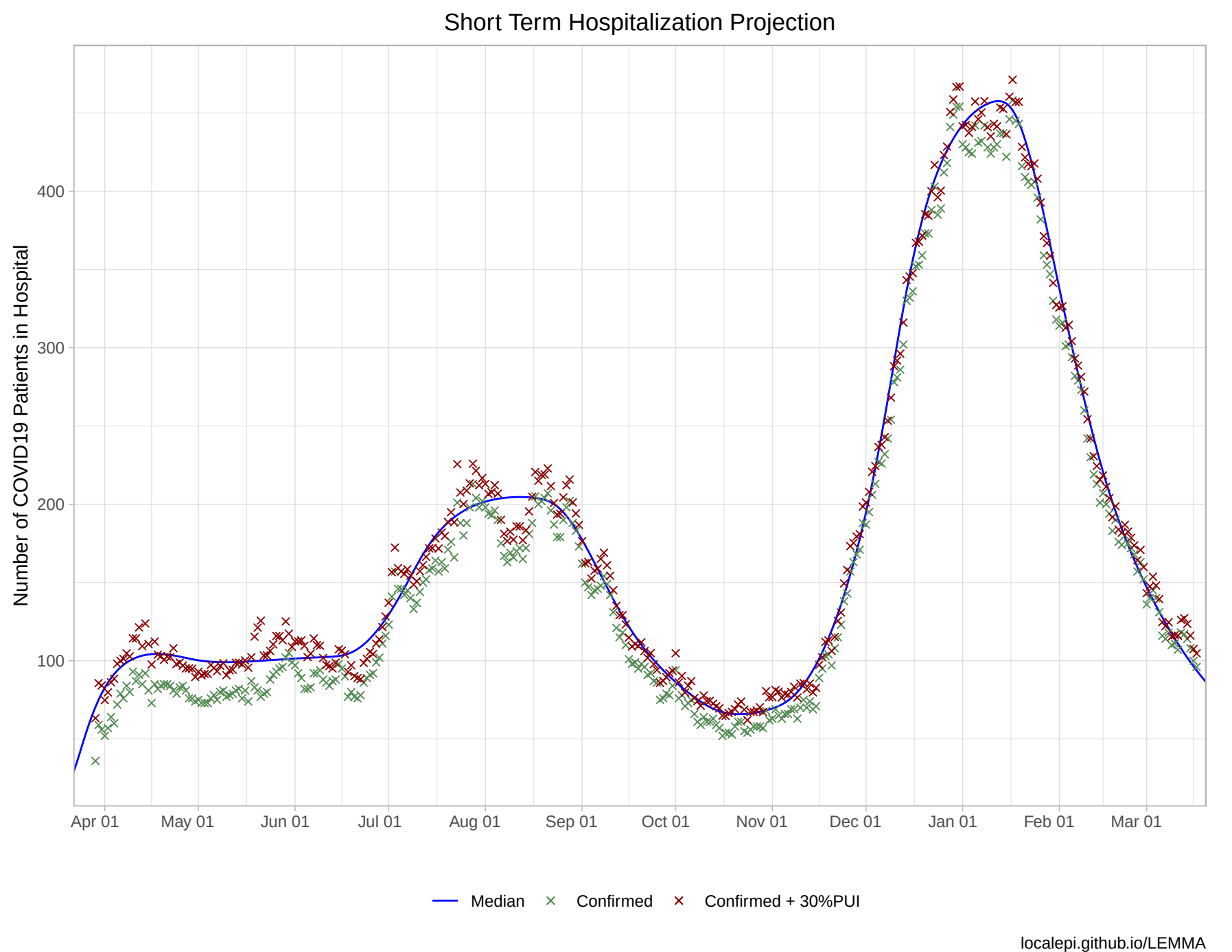
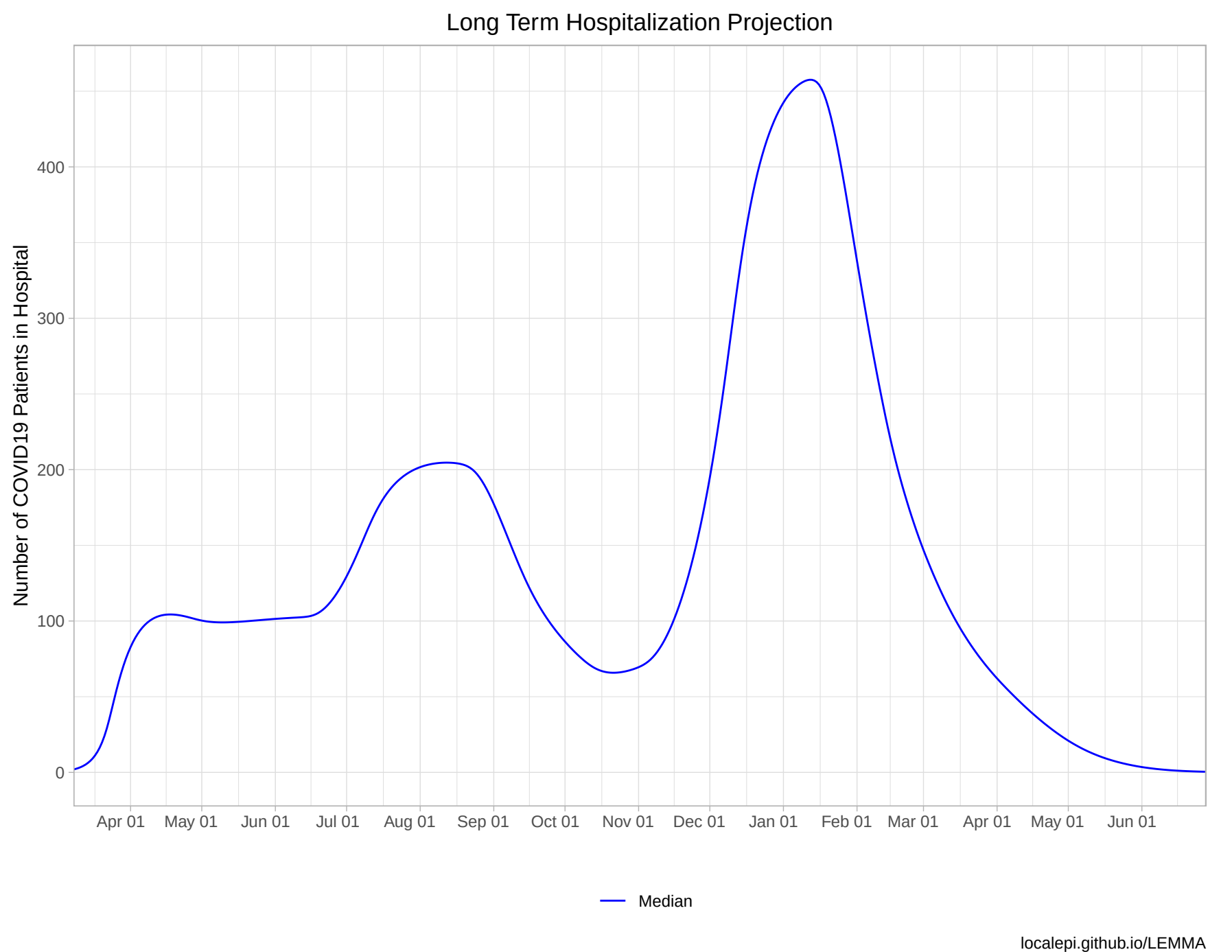
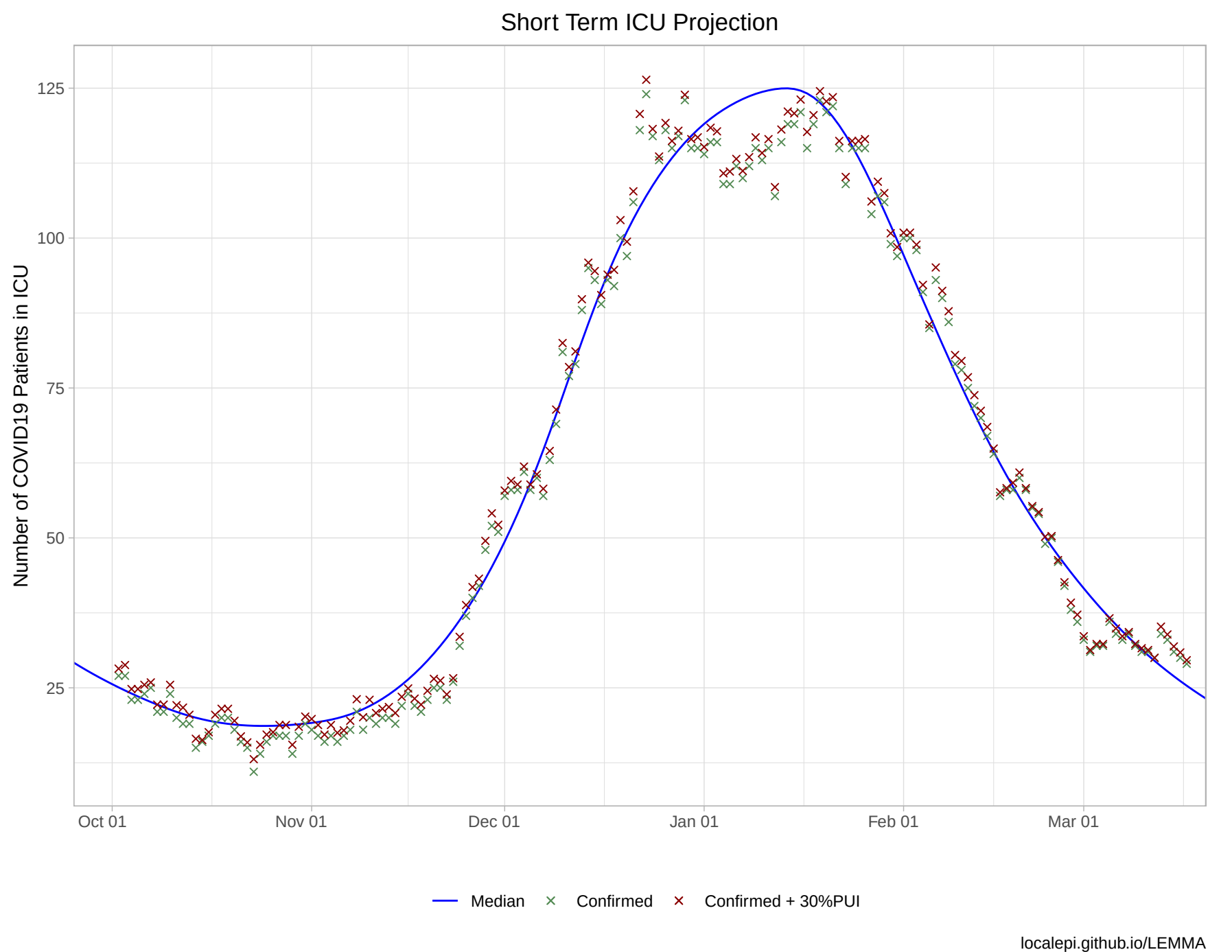
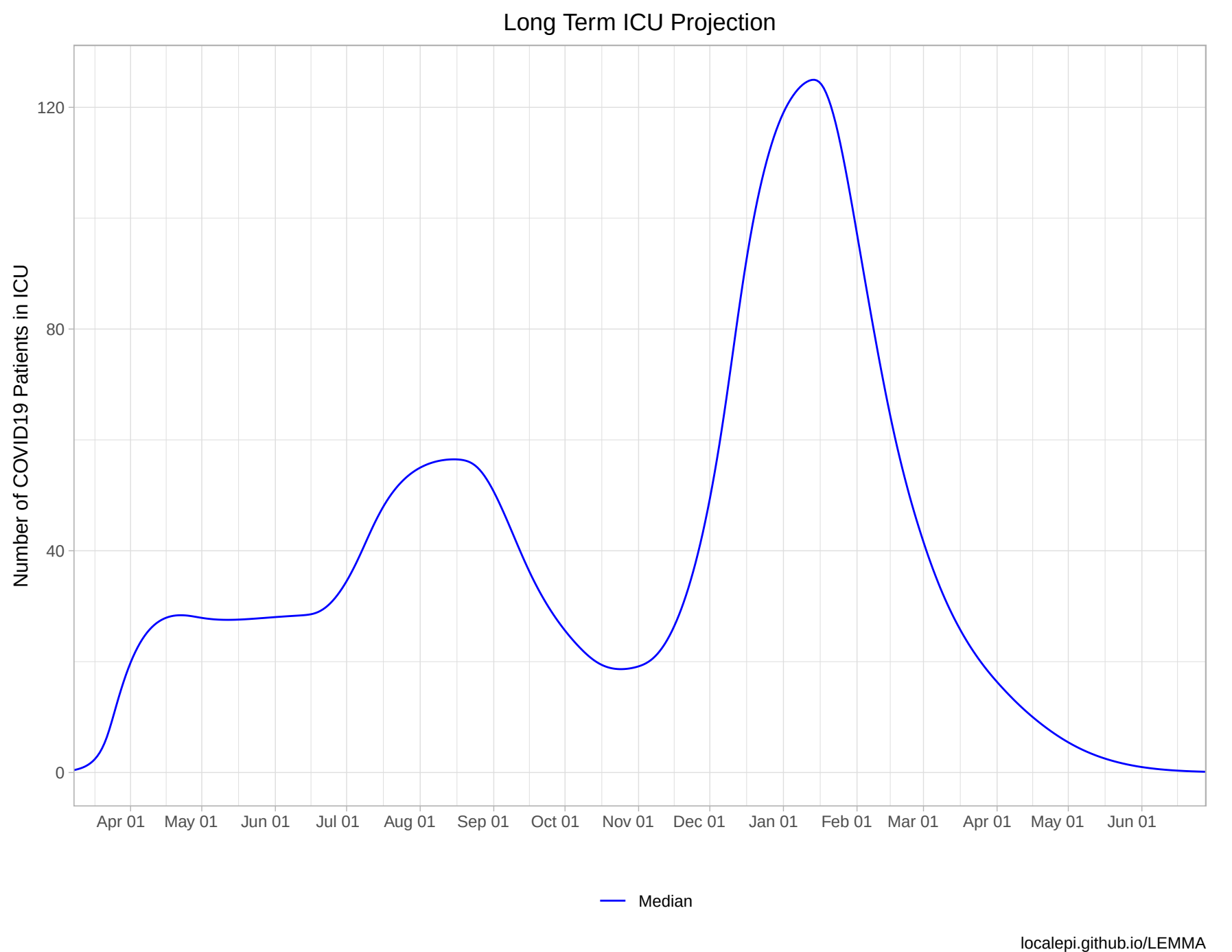
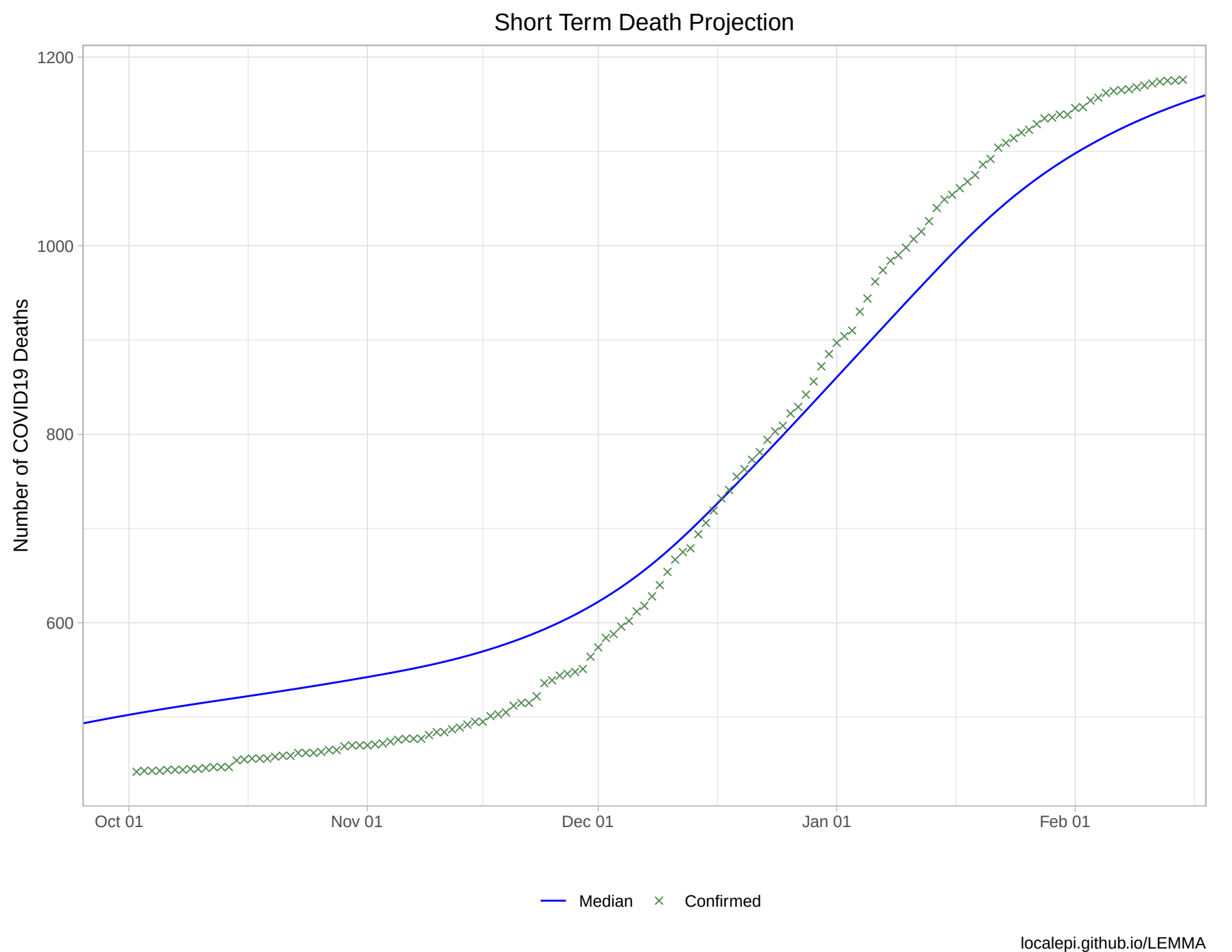
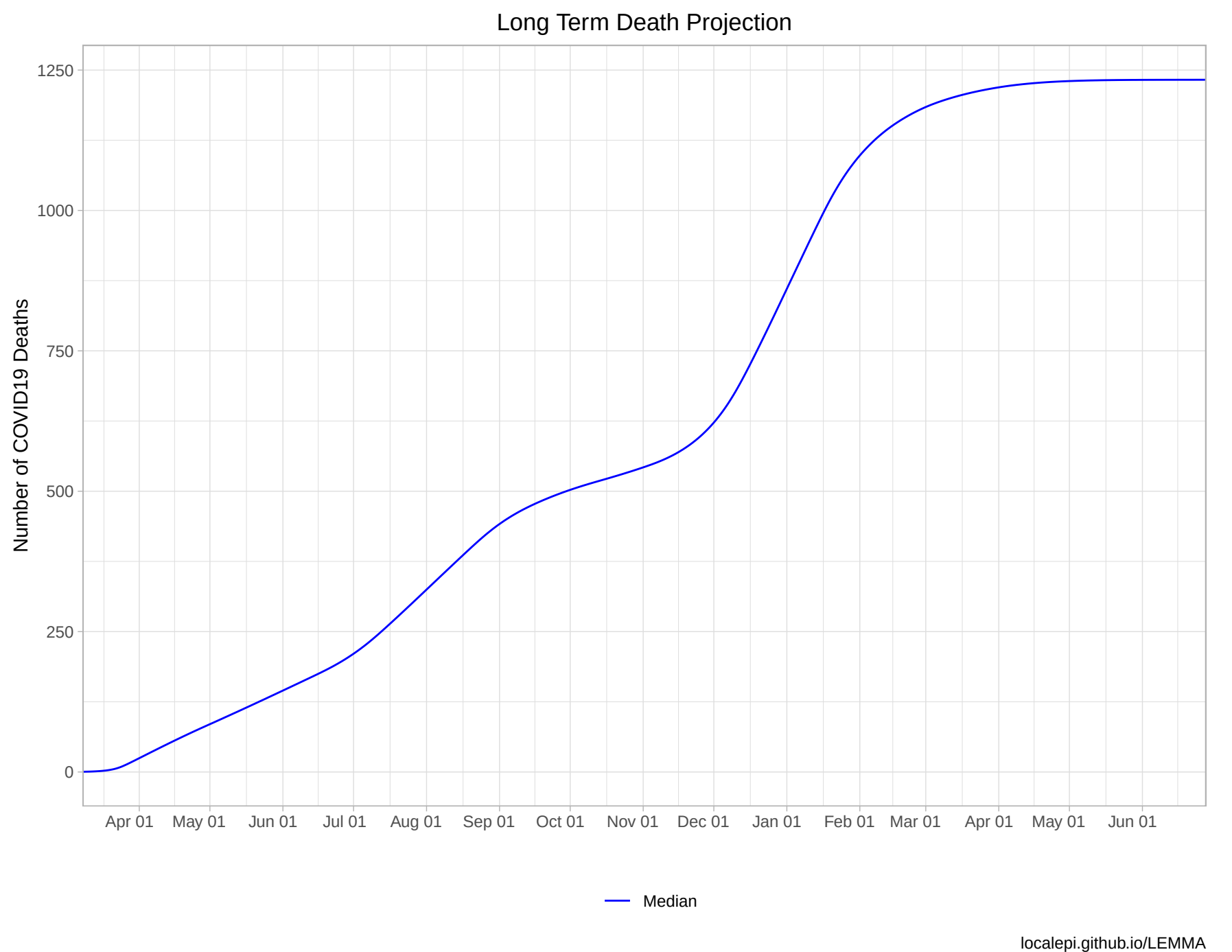

Short Term Hospitalization Projection
Number of COVID19 Patients in Hospital
400
300
200
100
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Median
Confirmed
Confirmed + 30%PUI
localepi.github.io/LEMMA

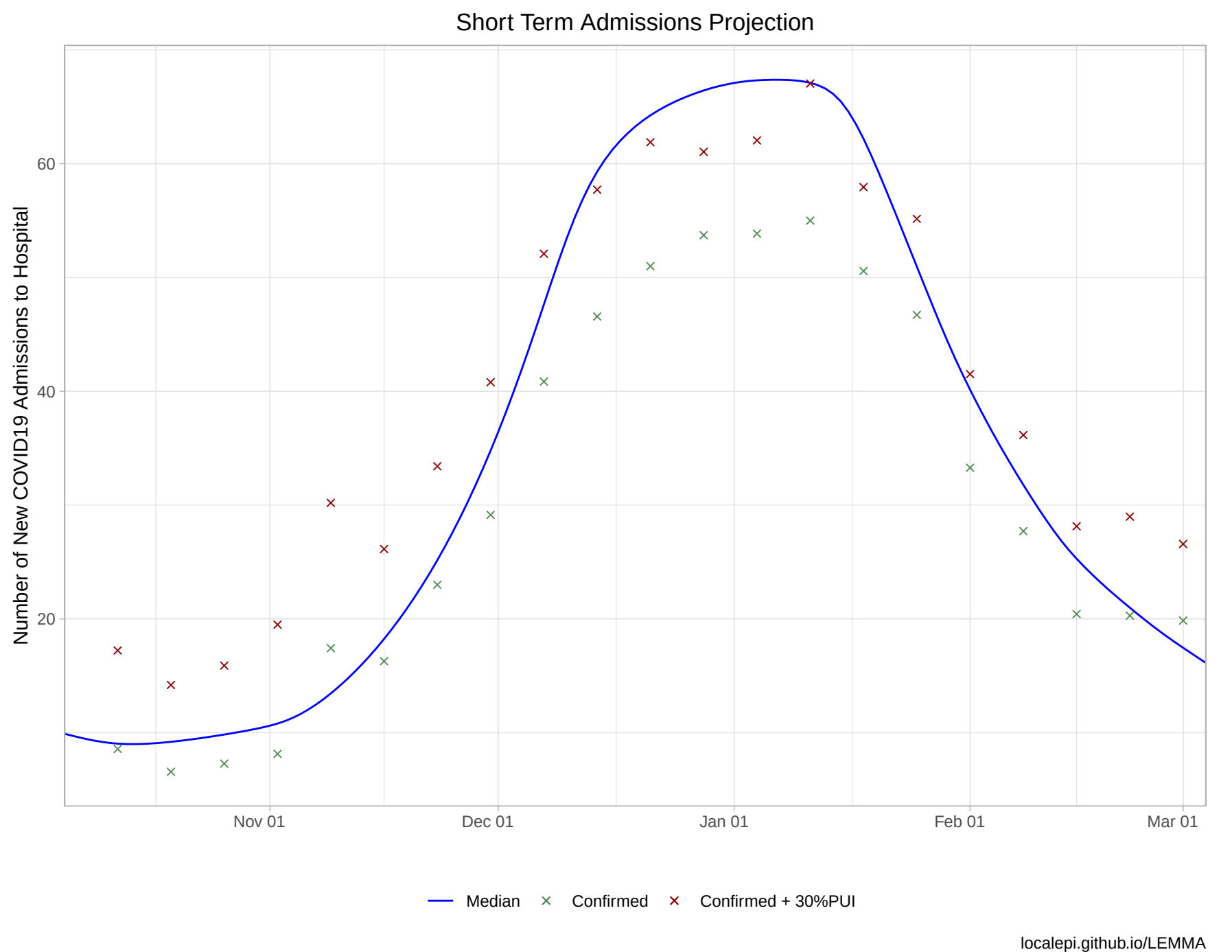

Long Term Hospitalization Projection
Number of COVID19 Patients in Hospital
0
100
200
300
400
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Apr 01
May 01
Jun 01
Median
localepi.github.io/LEMMA

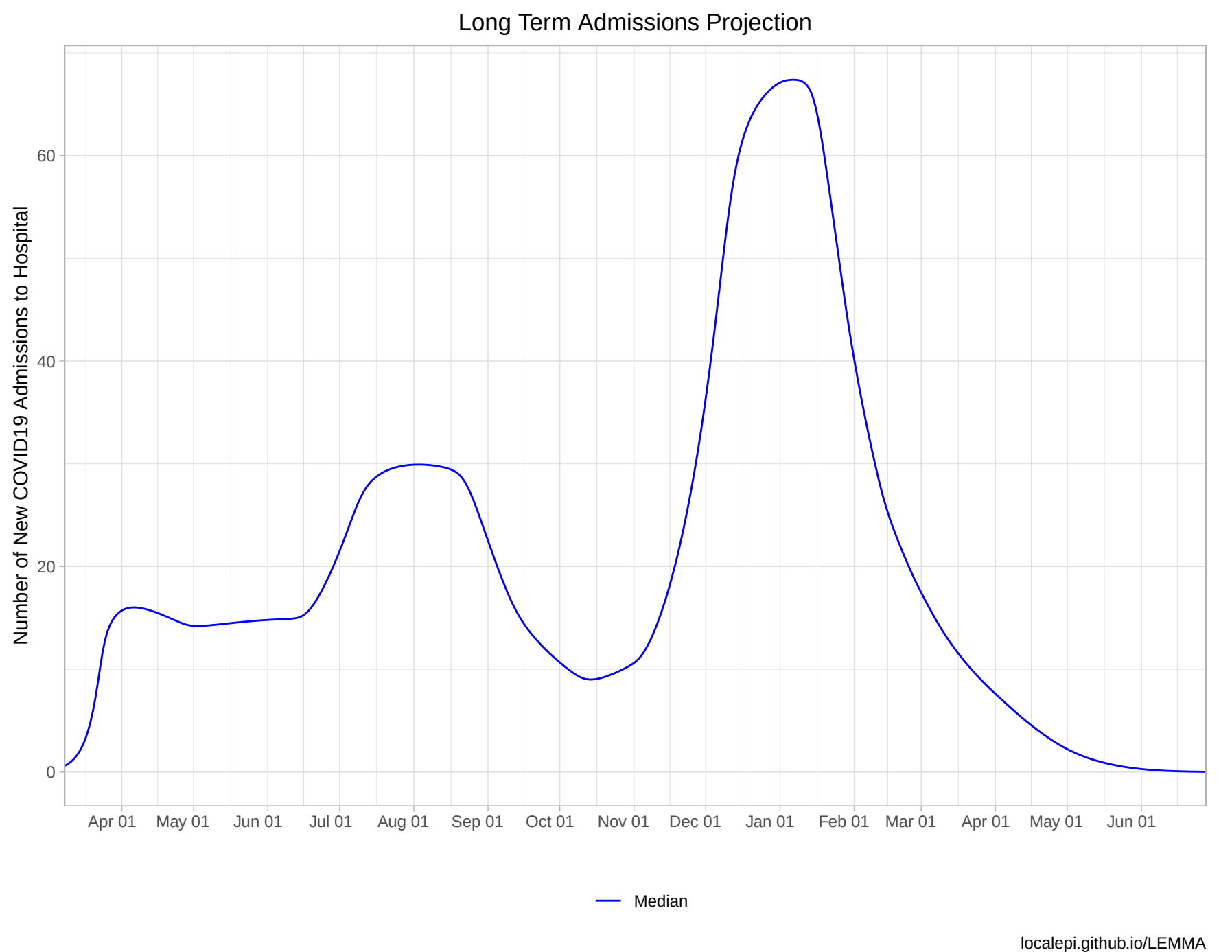

Short Term ICU Projection
Number of COVID19 Patients in ICU
125
100
75
50
25
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Median
Confirmed
Confirmed + 30%PUI
localepi.github.io/LEMMA

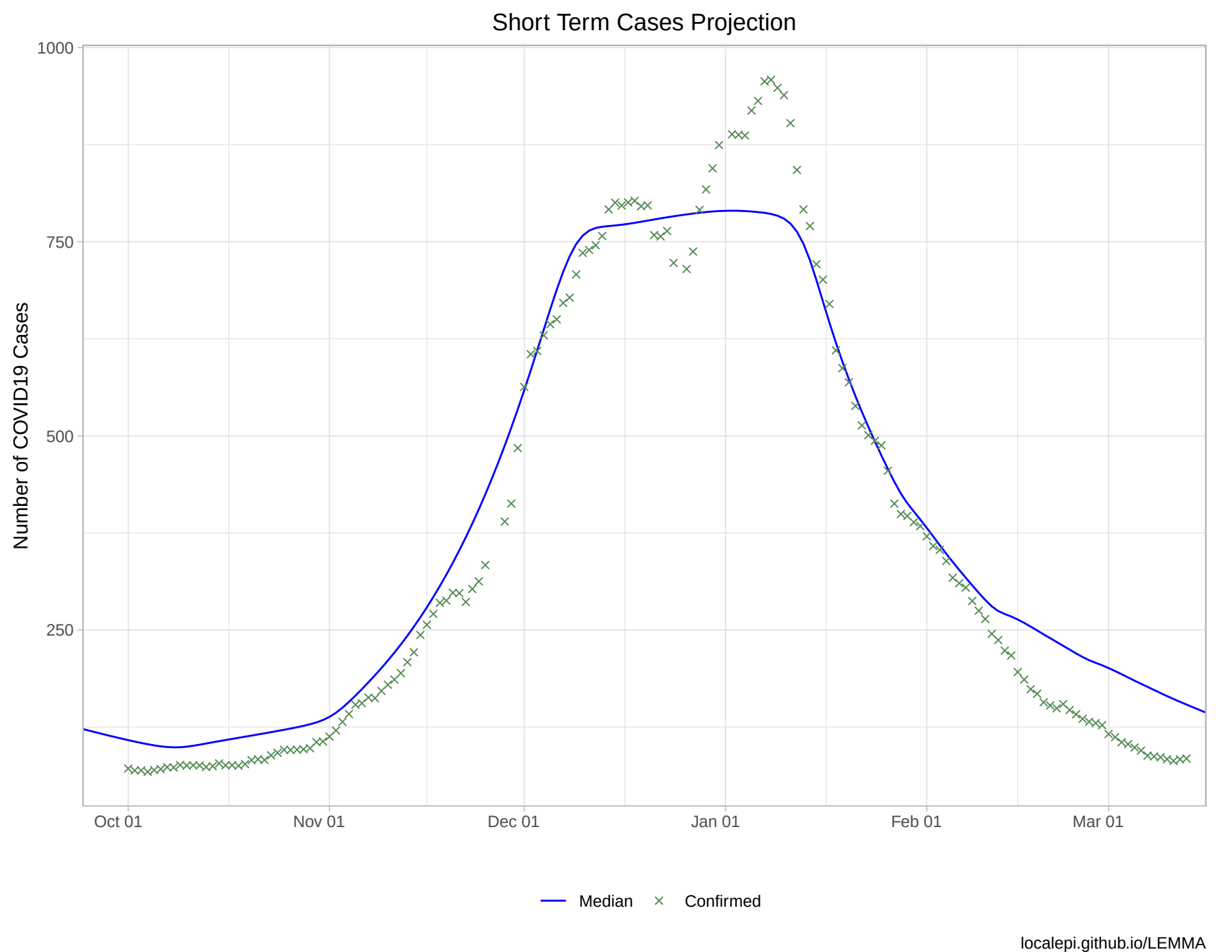

Long Term ICU Projection
Number of COVID19 Patients in ICU
120
80
40
0
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Apr 01
May 01
Jun 01
Median
localepi.github.io/LEMMA

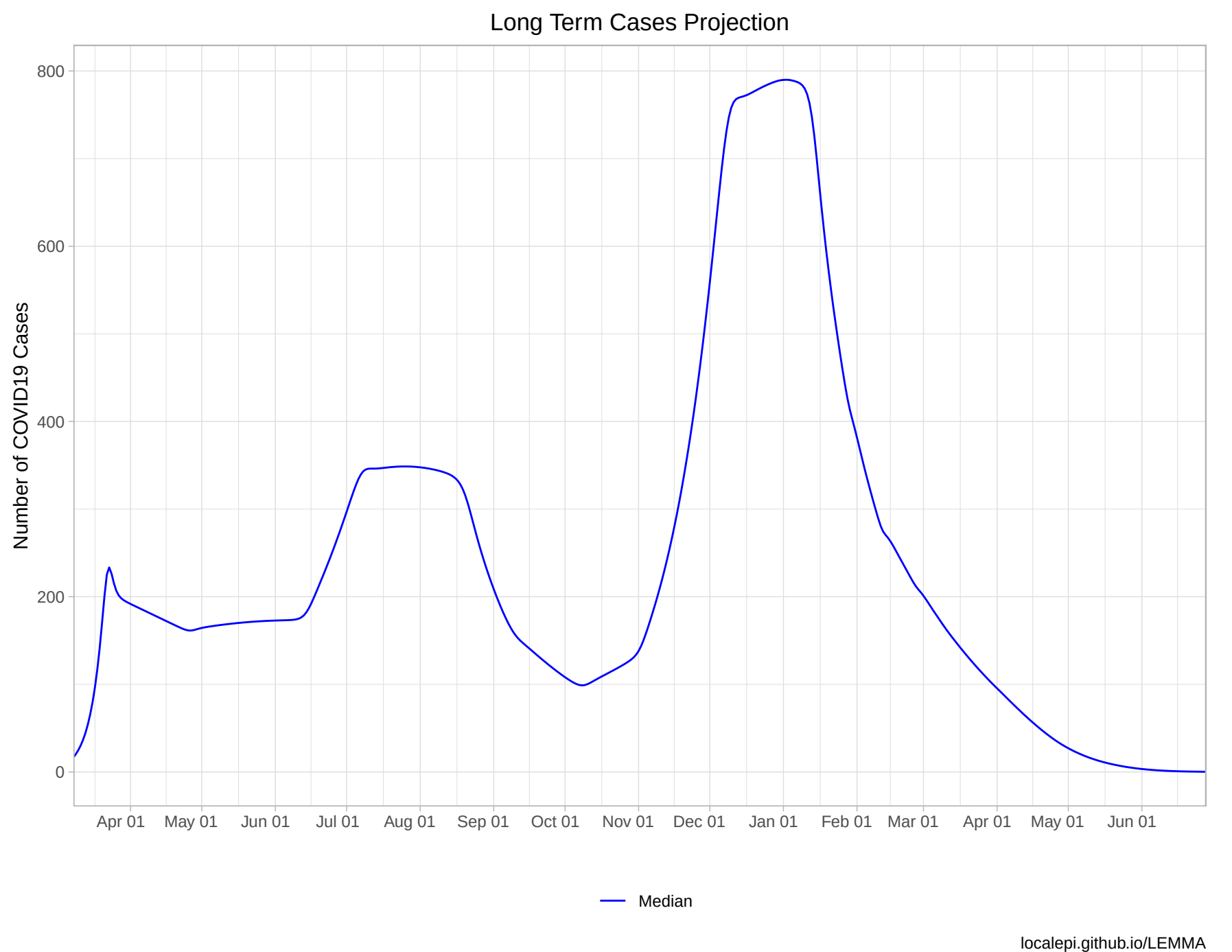

Short Term Death Projection
Number of COVID19 Deaths
1200
1000
800
600
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Median
Confirmed
localepi.github.io/LEMMA

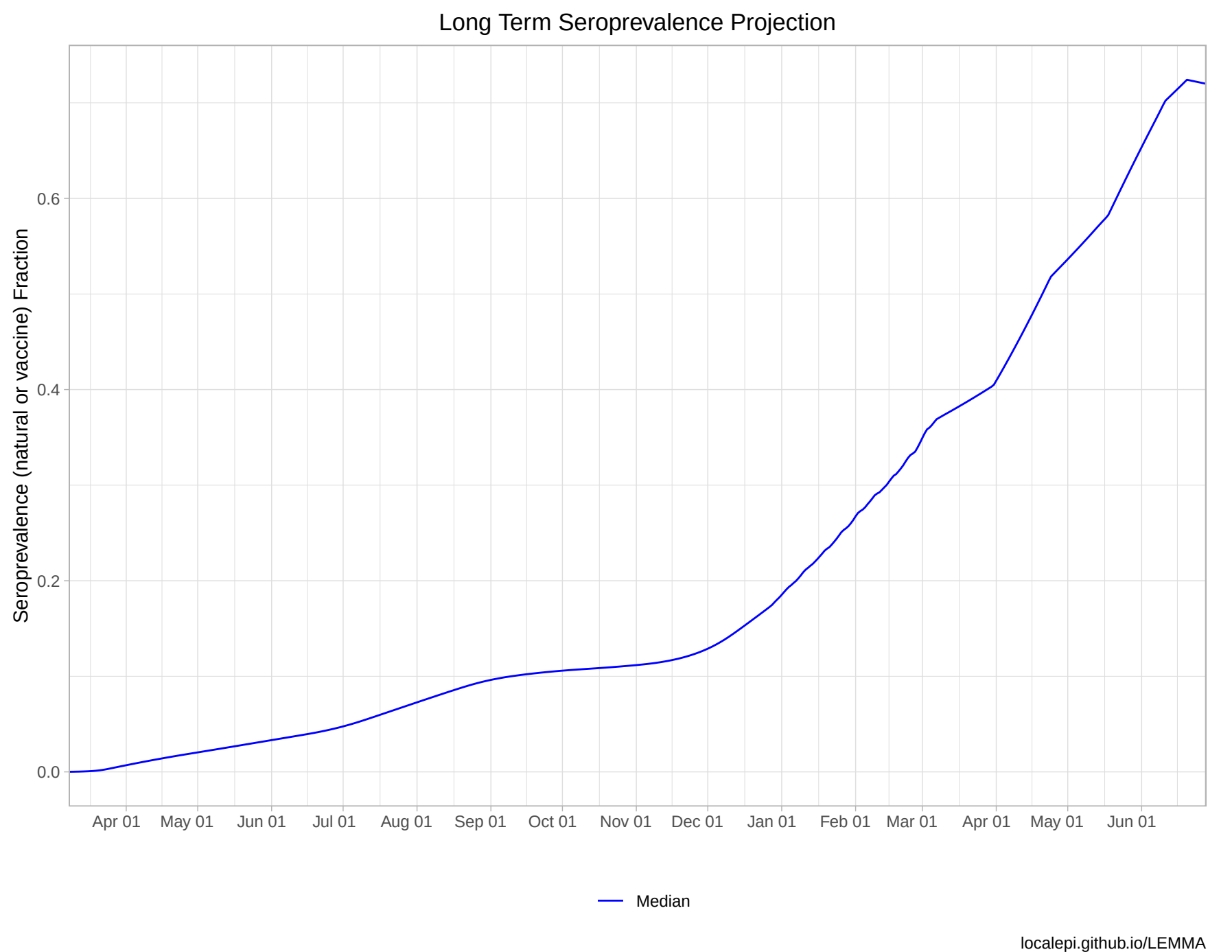

Long Term Death Projection
Number of COVID19 Deaths
1250
1000
750
500
250
0
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Apr 01
May 01
Jun 01
Median
localepi.github.io/LEMMA

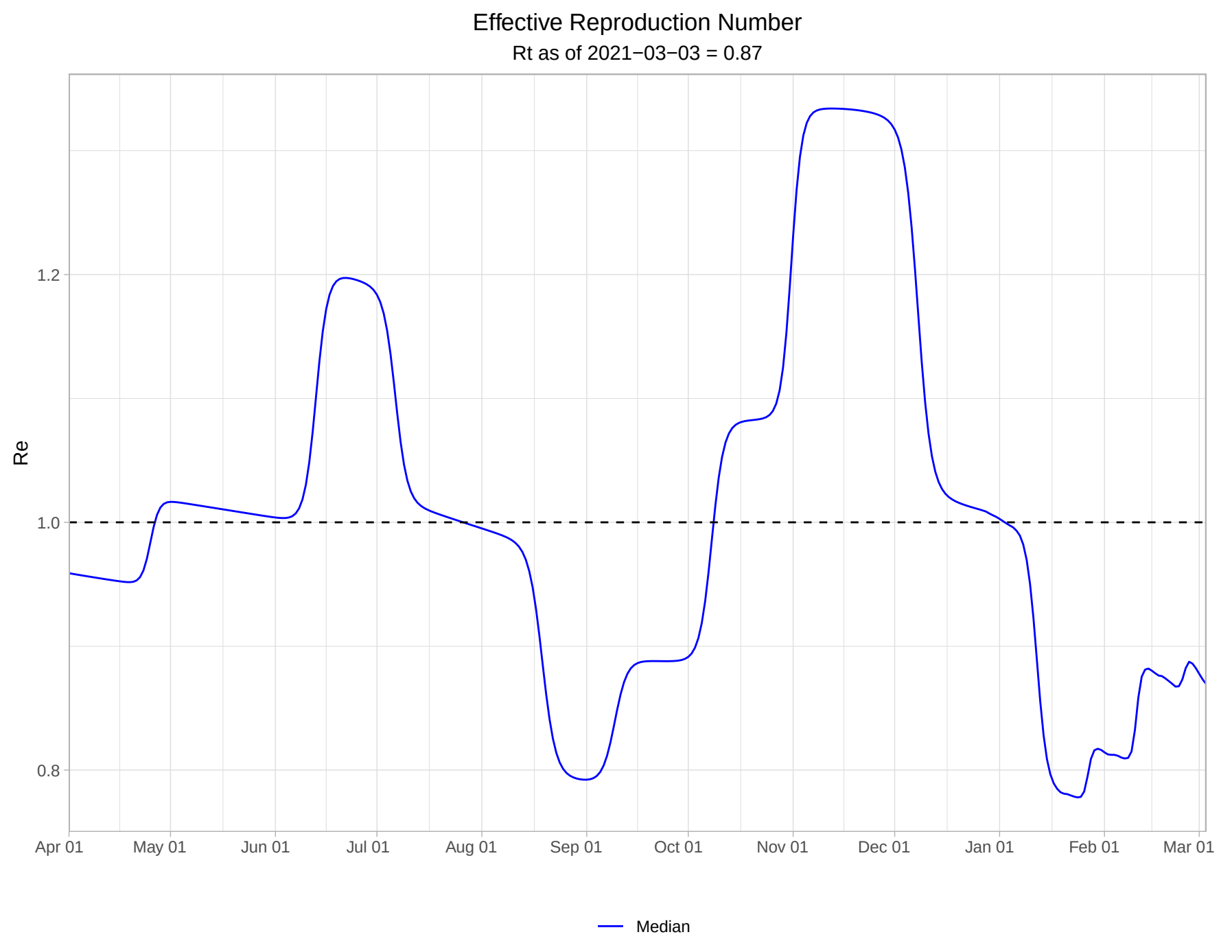

Short Term Admissions Projection
Number of New COVID19 Admissions to Hospital
60
40
20
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Median
Confirmed
Confirmed + 30%PUI
localepi.github.io/LEMMA


Long Term Admissions Projection
Number of New COVID19 Admissions to Hospital
0
20
40
60
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
localepi.github.io/LEMMA


Short Term Cases Projection
1000
750
500
250
Number of COVID19 Cases
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Median
Confirmed
localepi.github.io/LEMMA


Long Term Cases Projection
Number of COVID19 Cases
800
600
400
200
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
localepi.github.io/LEMMA


Long Term Seroprevalence Projection
Seroprevalence (natural or vaccine) Fraction
0.0
0.2
0.4
0.6
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
localepi.github.io/LEMMA


Effective Reproduction Number
Rt as of 2021−03−03 = 0.87
Re
1.2
1.0
0.8
Apr 01
May 01
Jun 01
Jul 01
Aug 01
Sep 01
Oct 01
Nov 01
Dec 01
Jan 01
Feb 01
Mar 01
Median