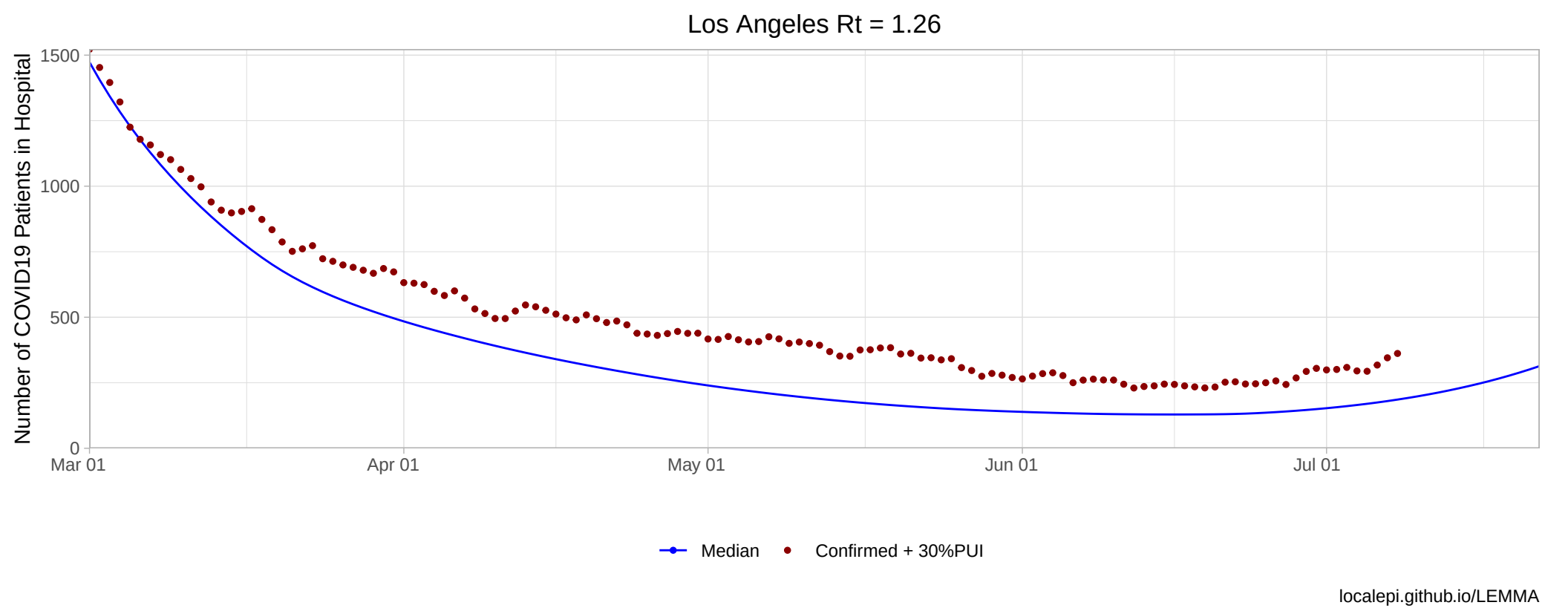
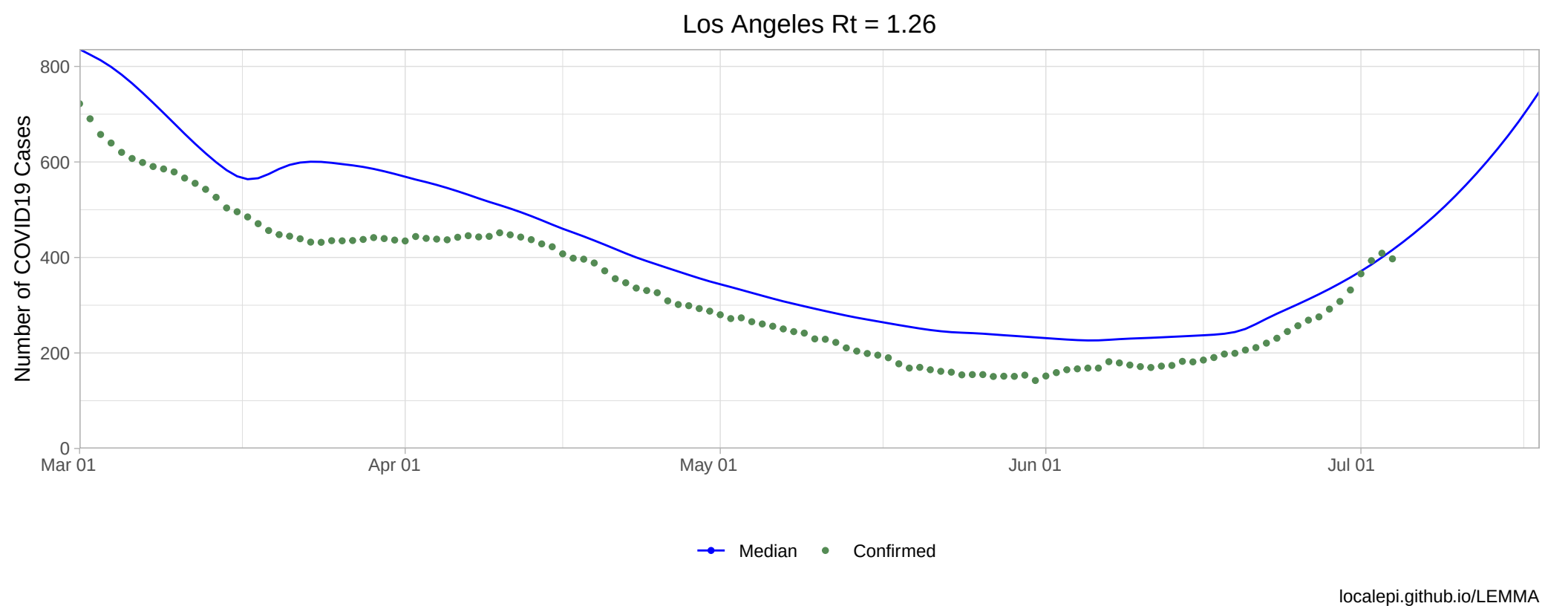
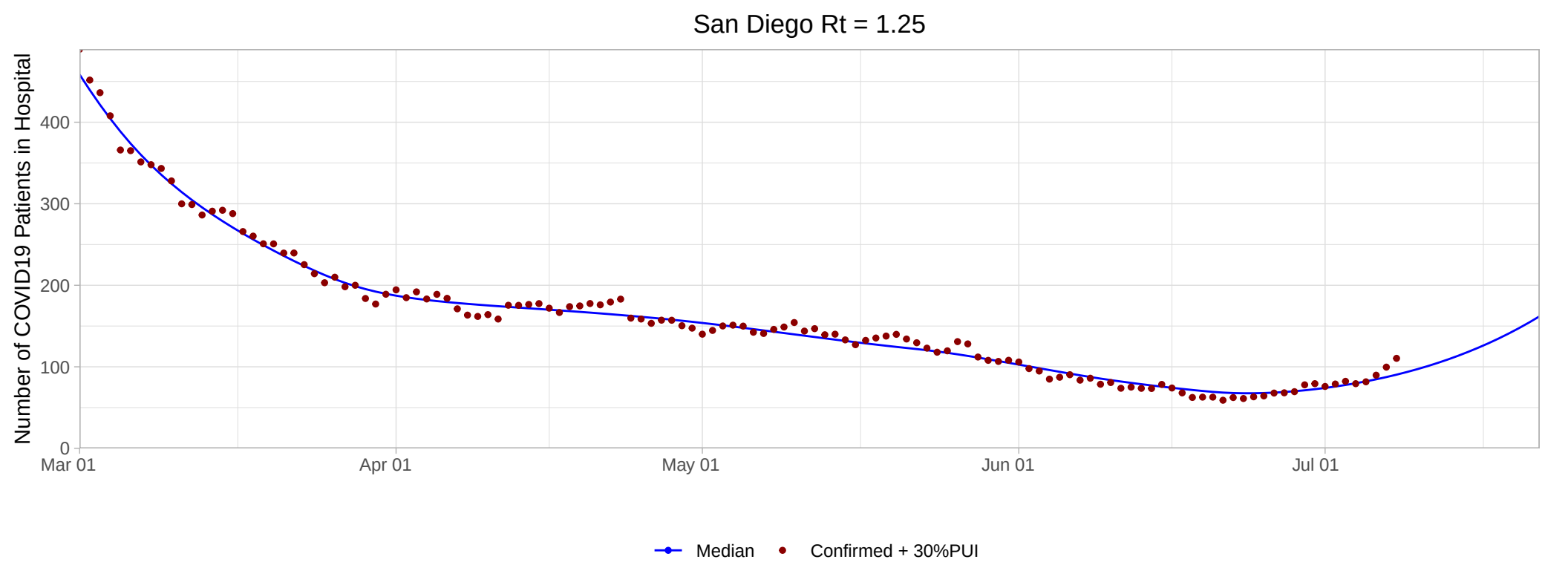
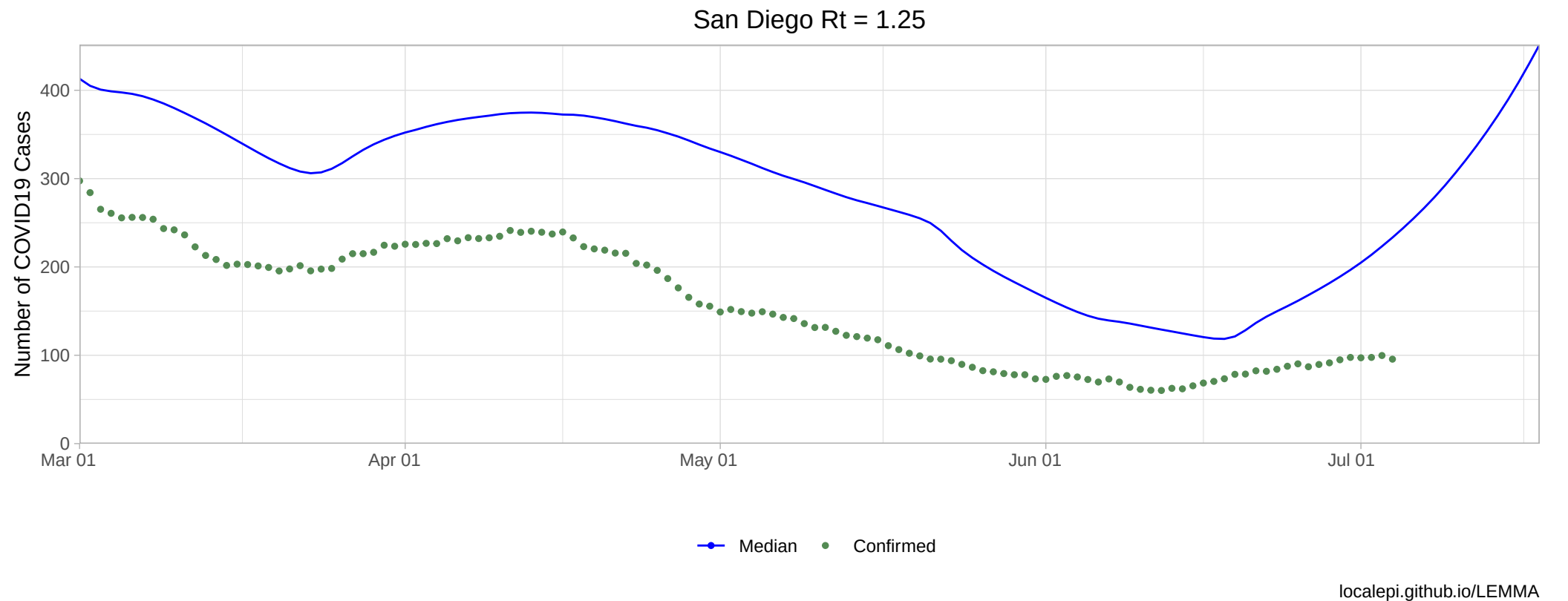
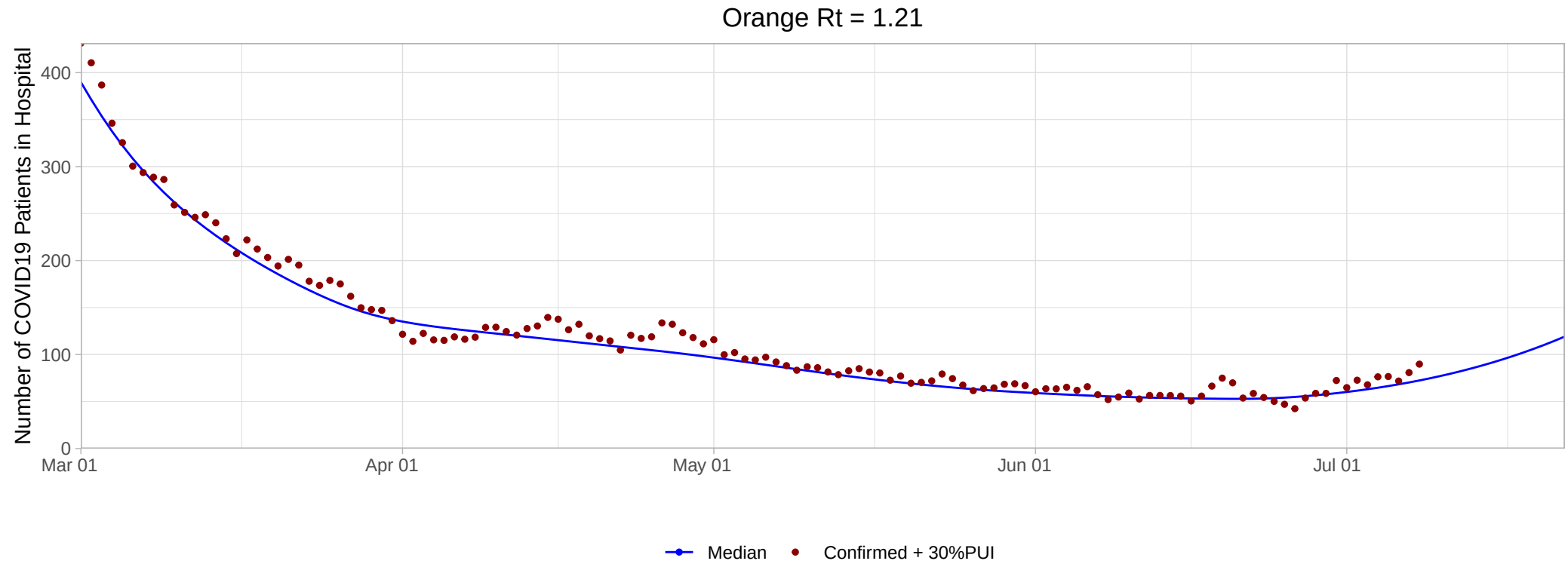
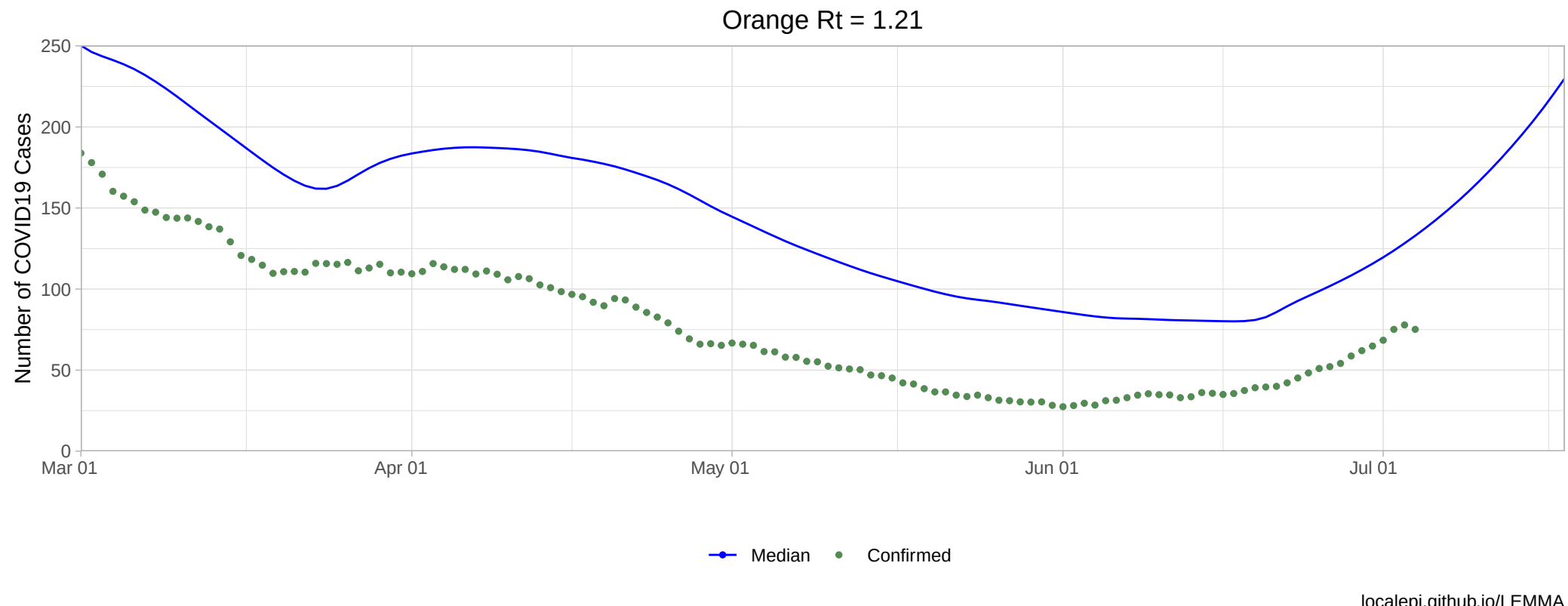

Los Angeles Rt = 1.26
Number of COVID19 Patients in Hospital
1500
1000
500
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

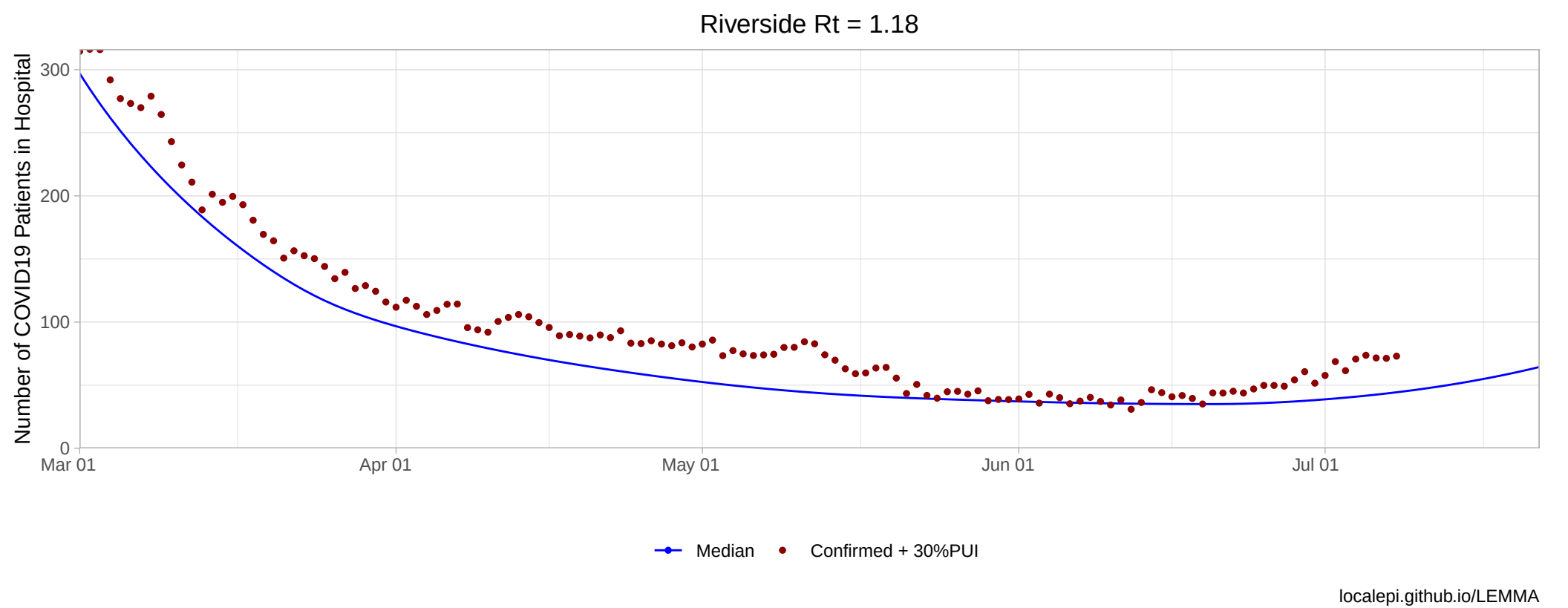

Los Angeles Rt = 1.26
Number of COVID19 Cases
800
600
400
200
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

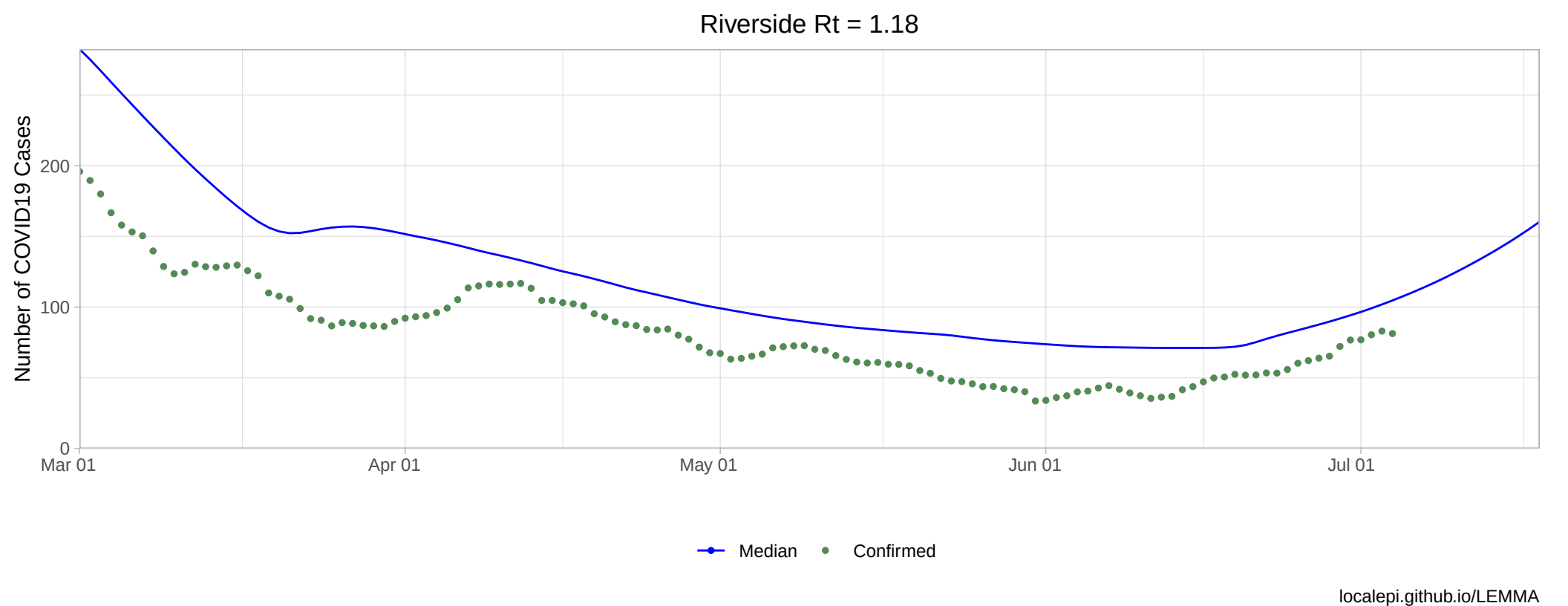

San Diego Rt = 1.25
Number of COVID19 Patients in Hospital
0
100
200
300
400
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

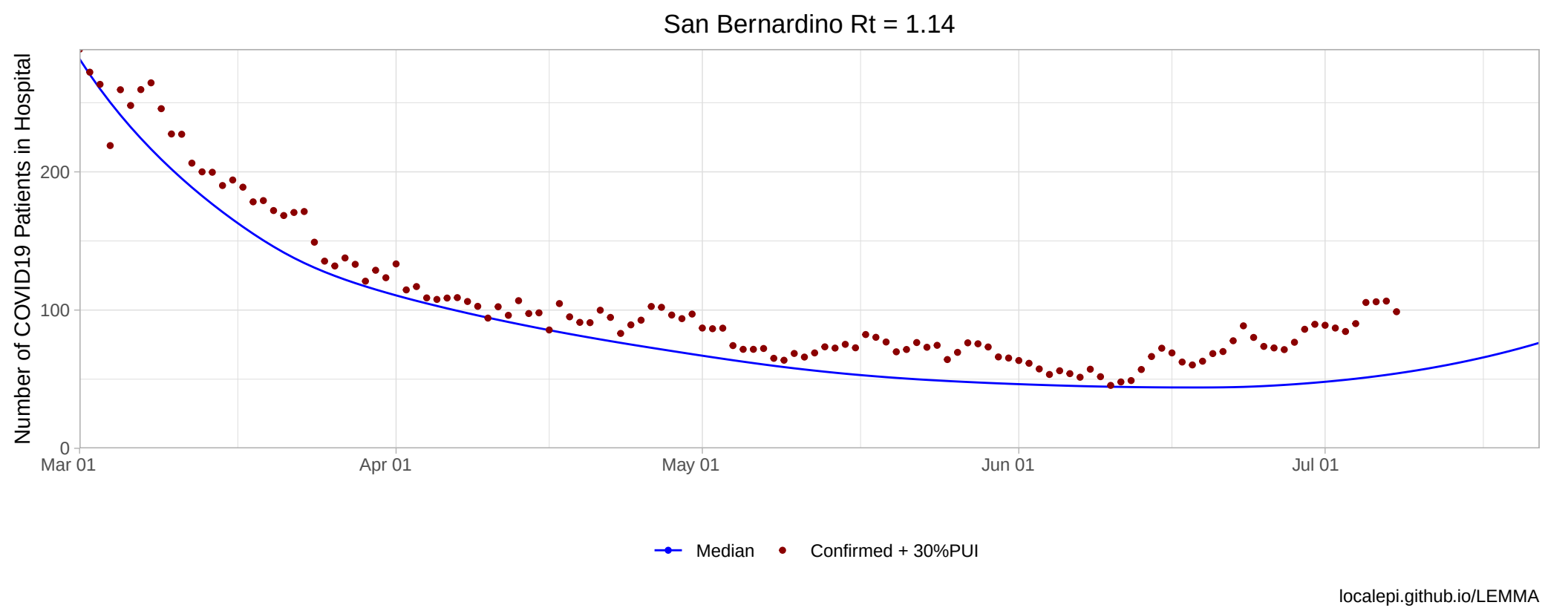

San Diego Rt = 1.25
Number of COVID19 Cases
0
100
200
300
400
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

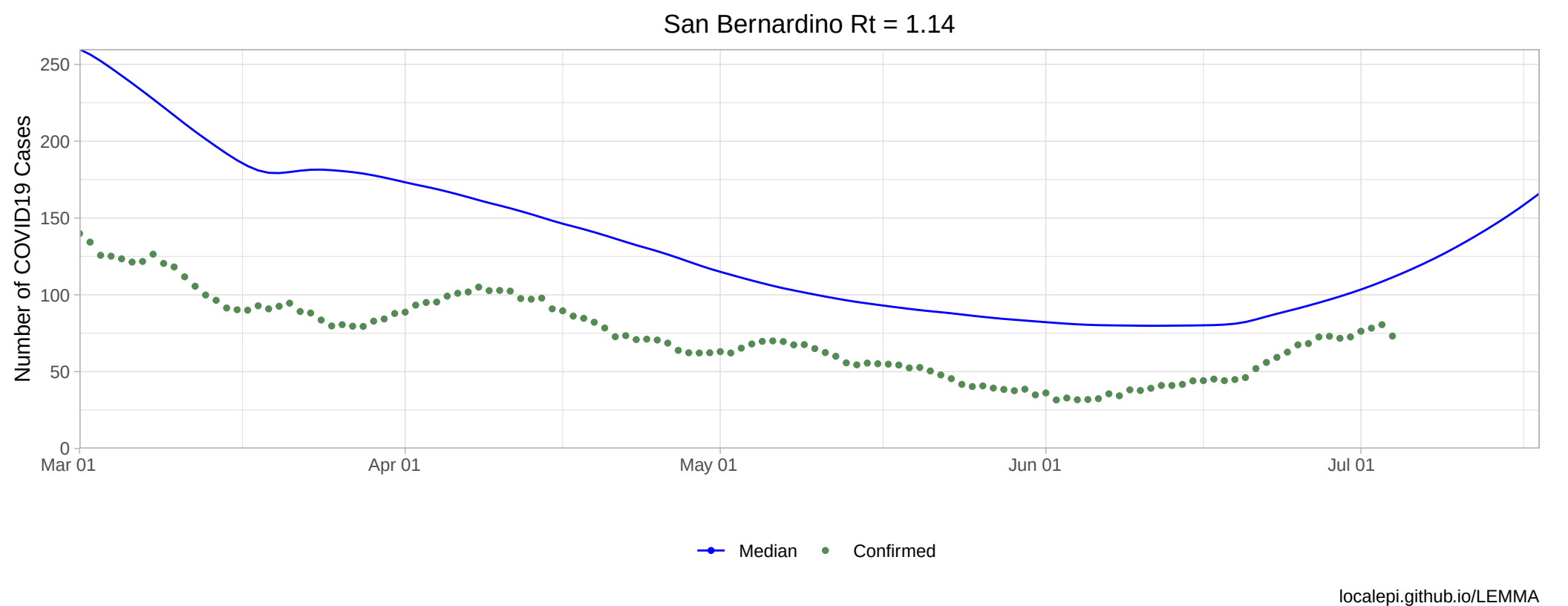

Orange Rt = 1.21
Number of COVID19 Patients in Hospital
400
300
200
100
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

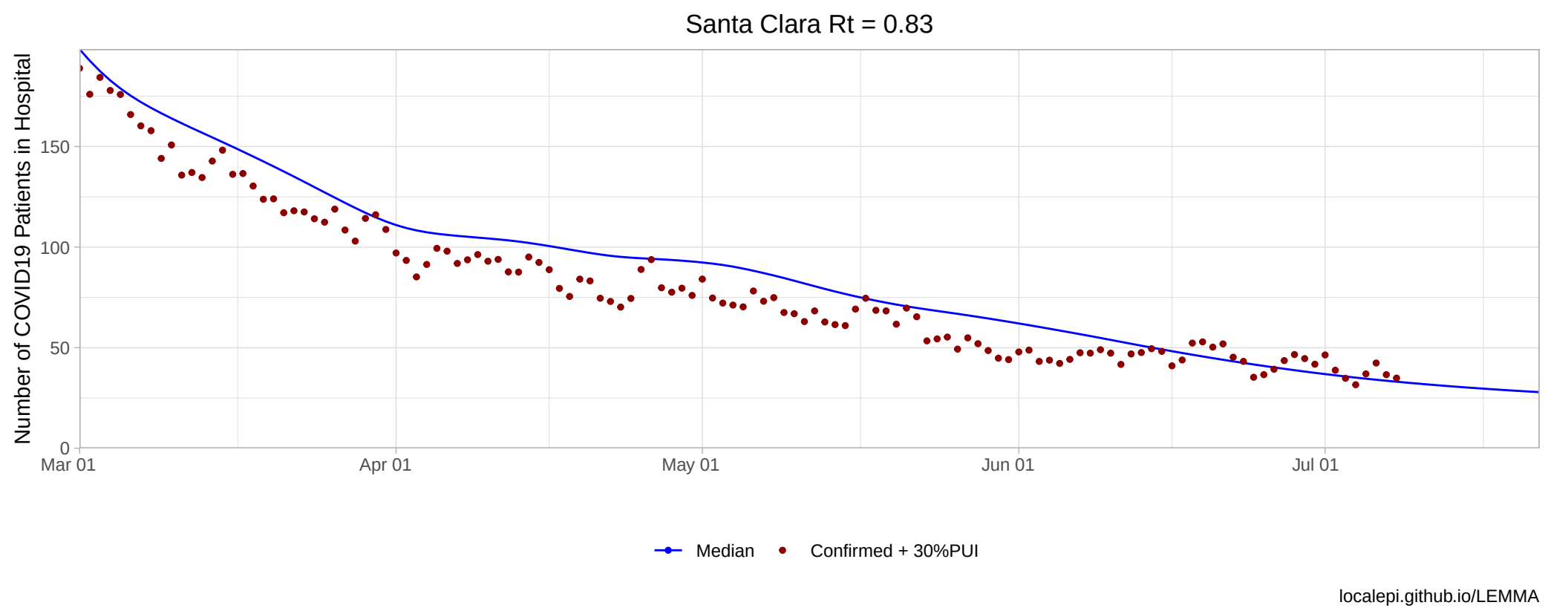

Orange Rt = 1.21
Number of COVID19 Cases
250
200
150
100
50
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

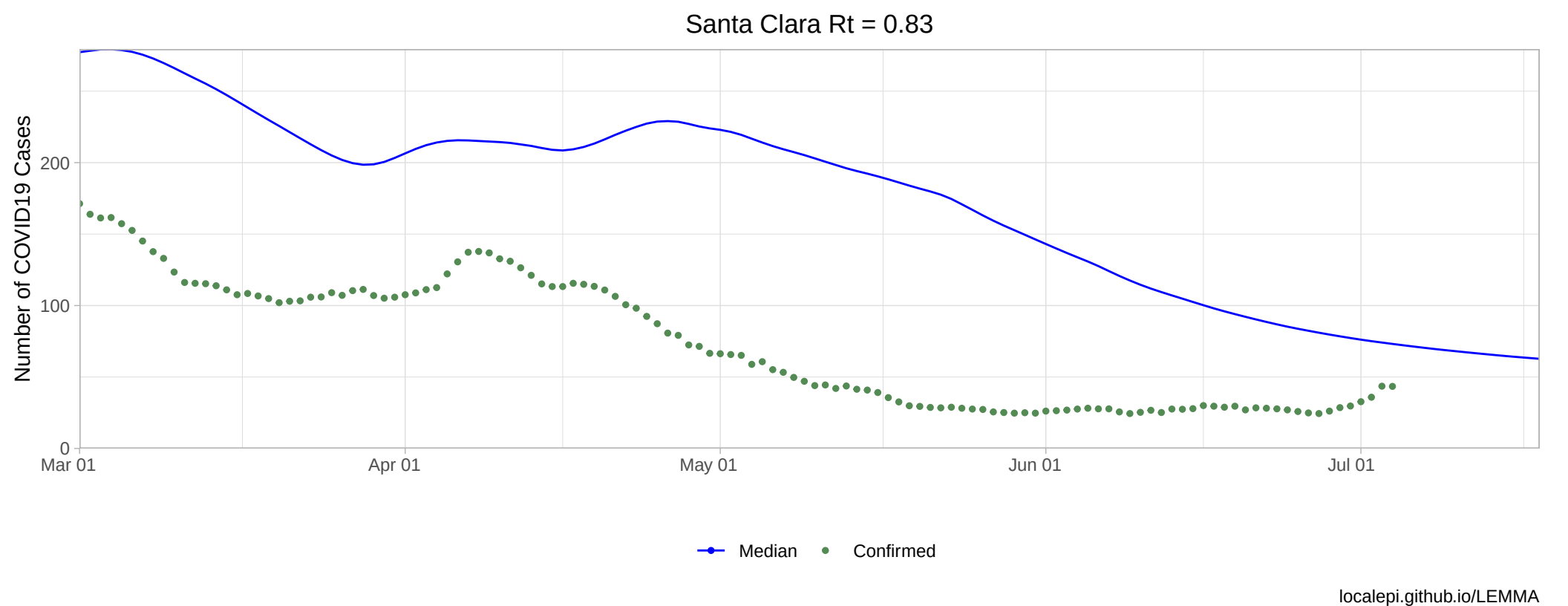

Riverside Rt = 1.18
Number of COVID19 Patients in Hospital
300
200
100
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

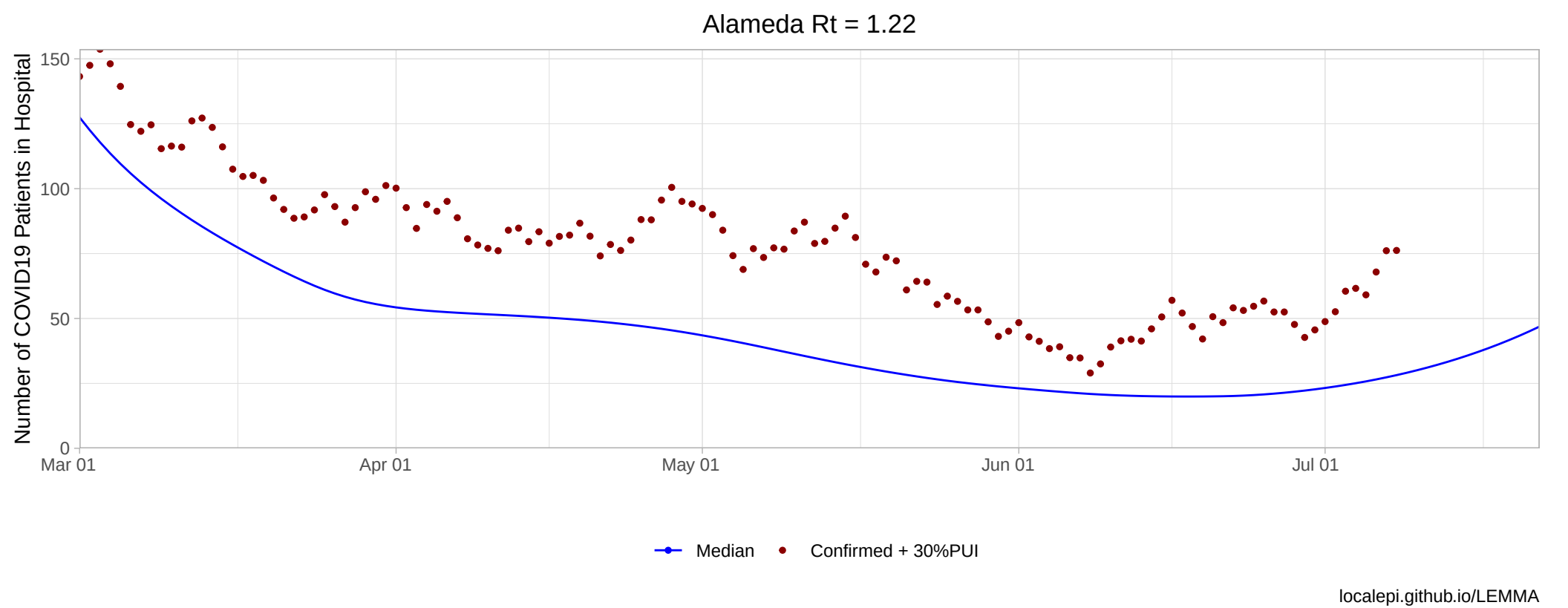

Riverside Rt = 1.18
Number of COVID19 Cases
200
100
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

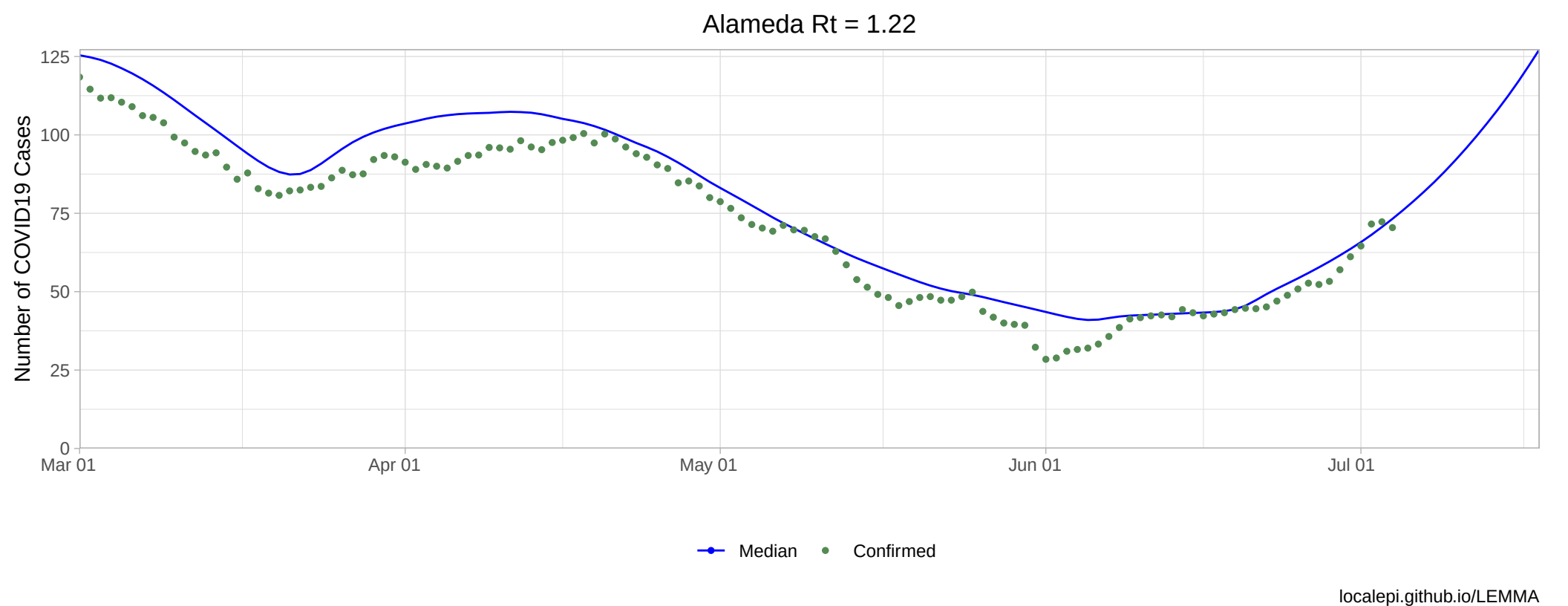

San Bernardino Rt = 1.14
Number of COVID19 Patients in Hospital
0
100
200
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

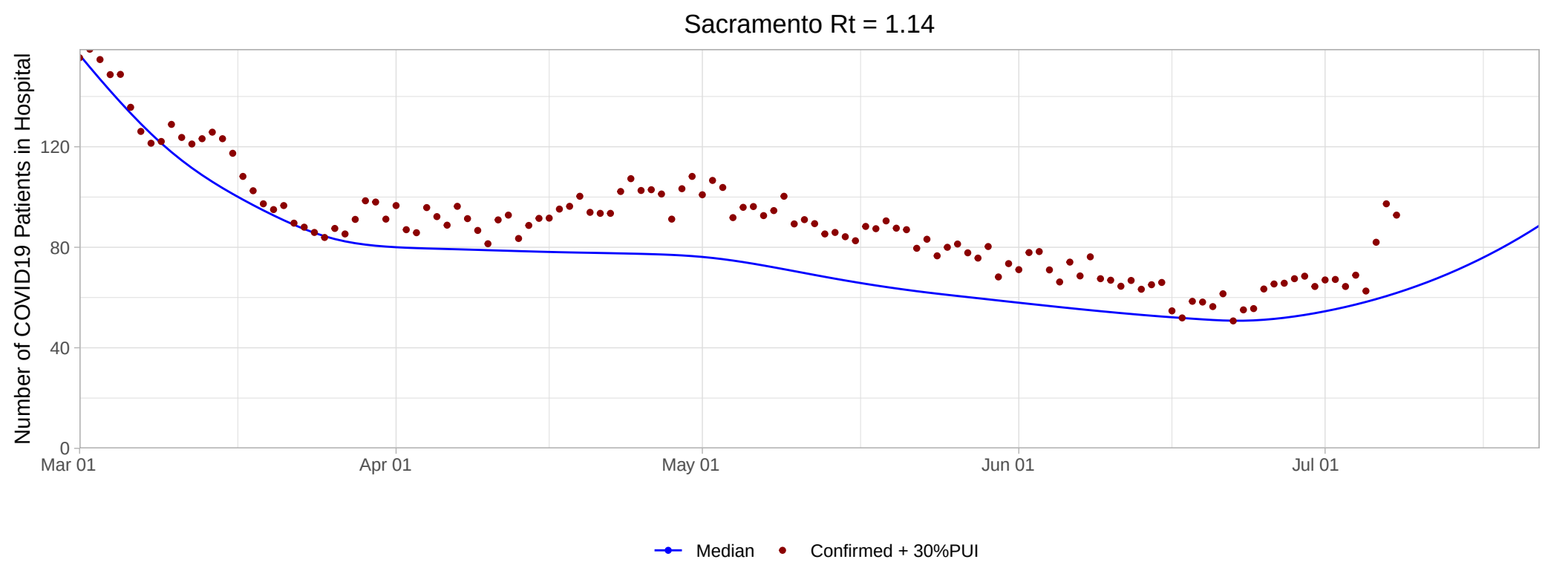

San Bernardino Rt = 1.14
Number of COVID19 Cases
0
50
100
150
200
250
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

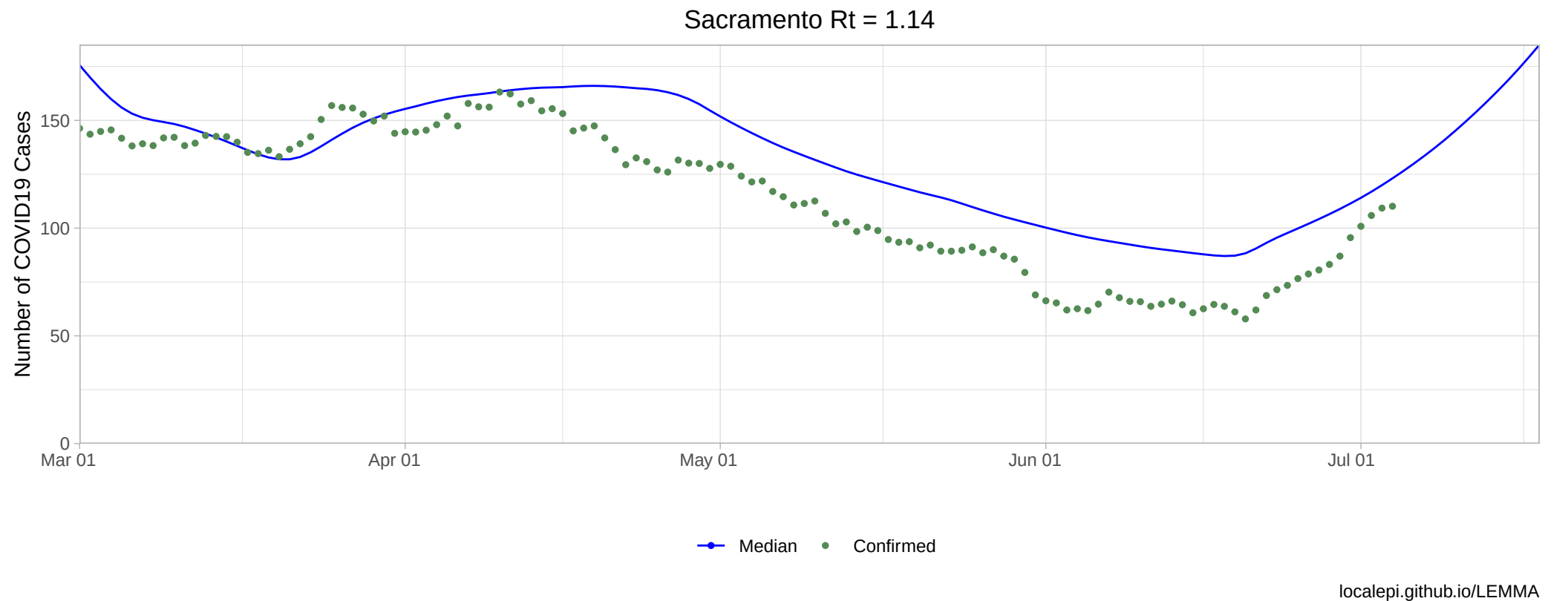

Santa Clara Rt = 0.83
Number of COVID19 Patients in Hospital
0
50
100
150
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

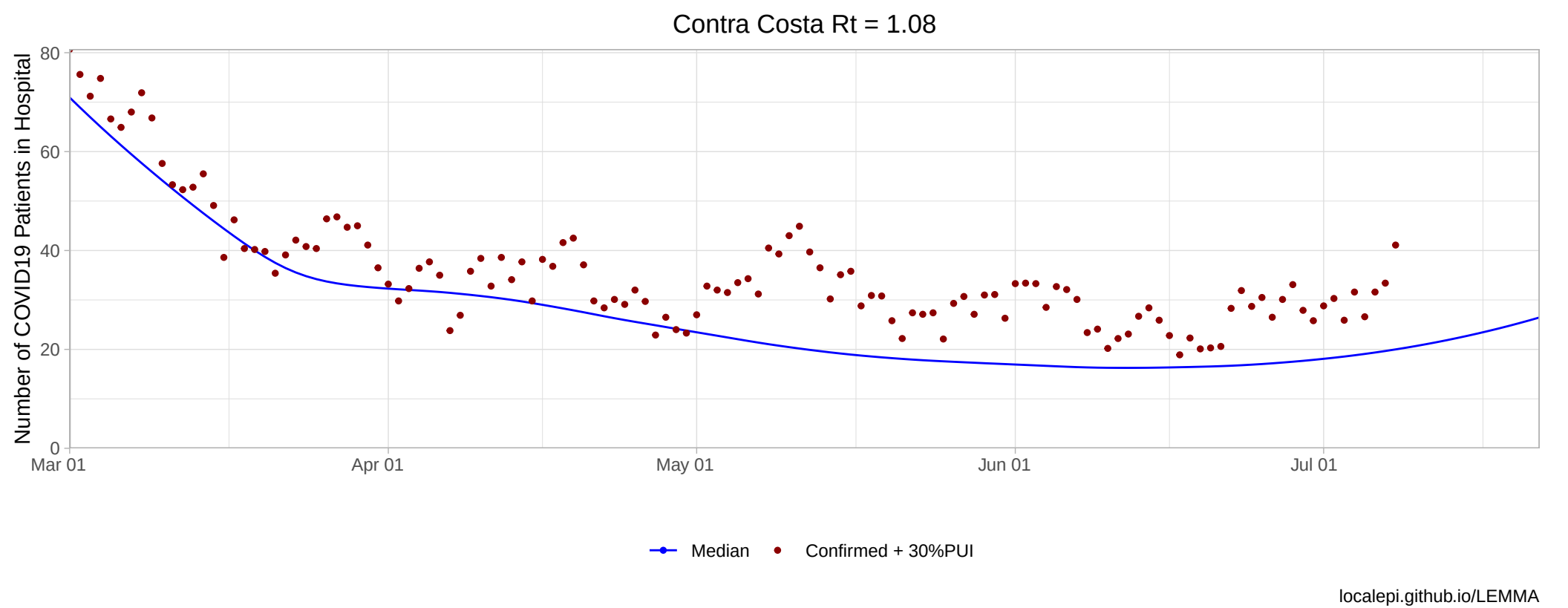

Santa Clara Rt = 0.83
Number of COVID19 Cases
0
100
200
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Alameda Rt = 1.22
Number of COVID19 Patients in Hospital
150
100
50
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

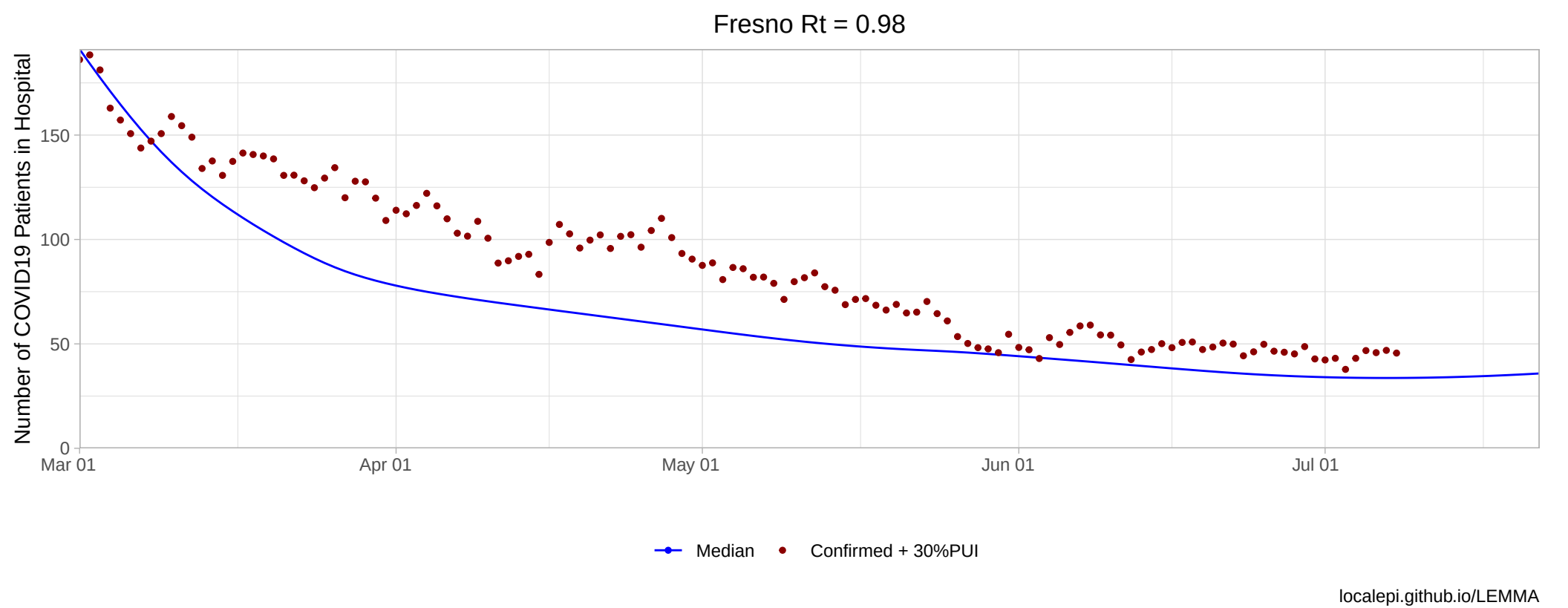

Alameda Rt = 1.22
Number of COVID19 Cases
125
100
75
50
25
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

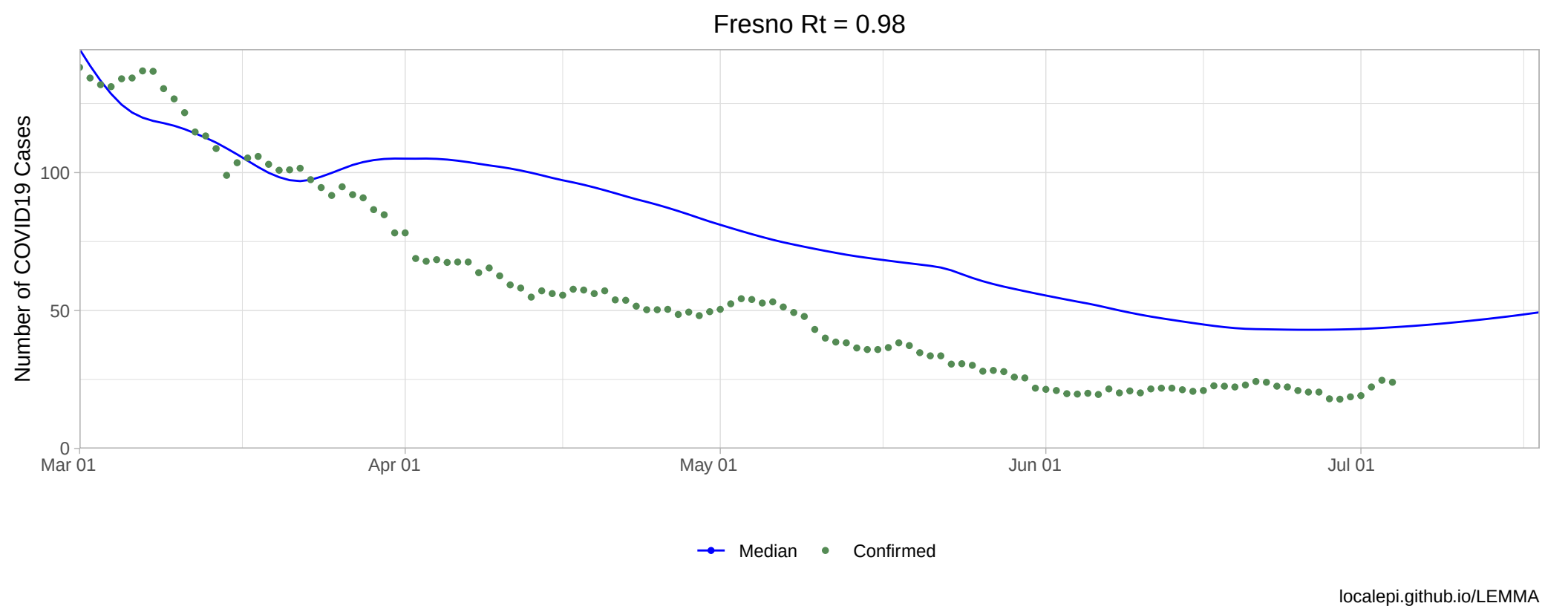

Sacramento Rt = 1.14
Number of COVID19 Patients in Hospital
0
40
80
120
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

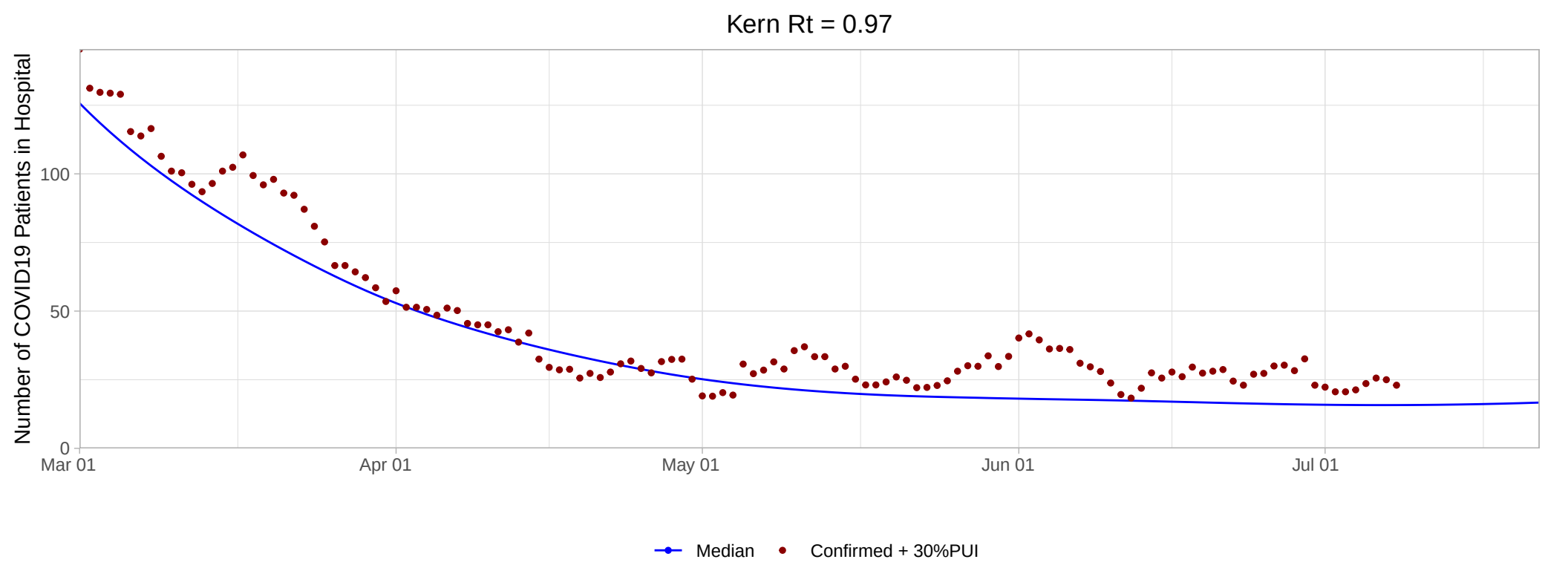

Sacramento Rt = 1.14
Number of COVID19 Cases
0
50
100
150
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

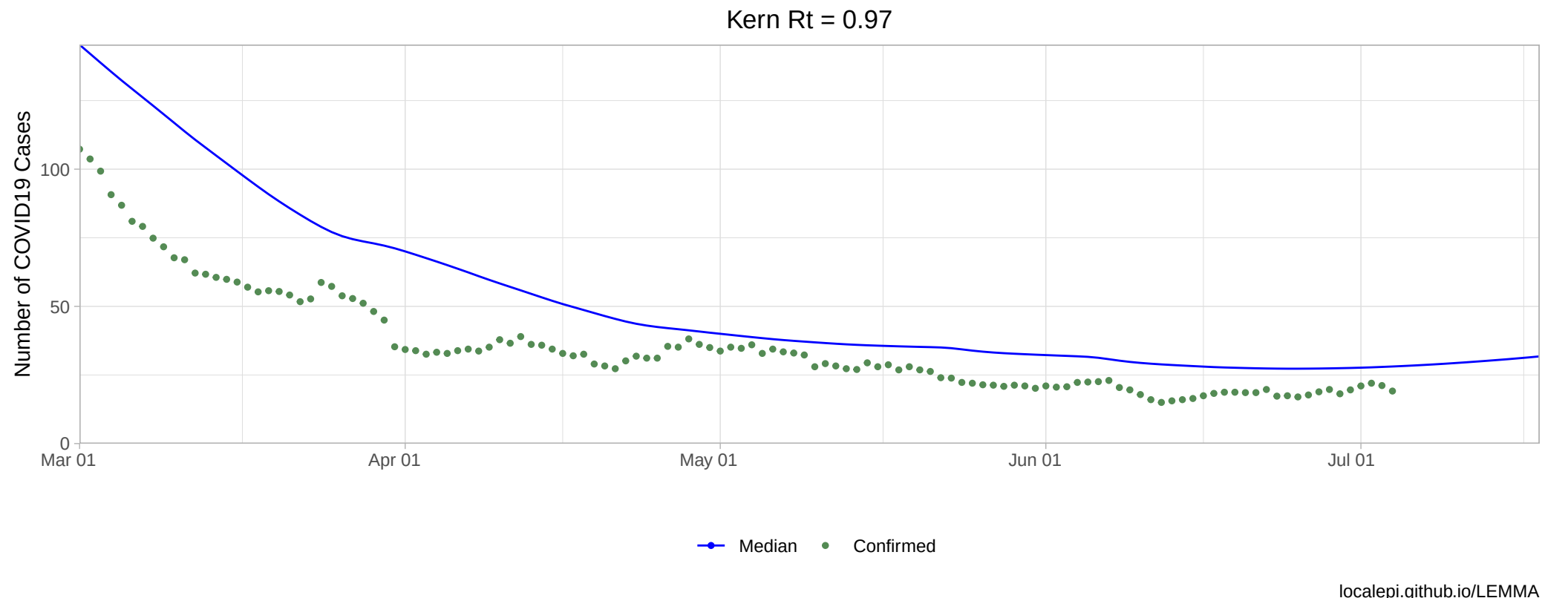

Contra Costa Rt = 1.08
Number of COVID19 Patients in Hospital
80
60
40
20
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

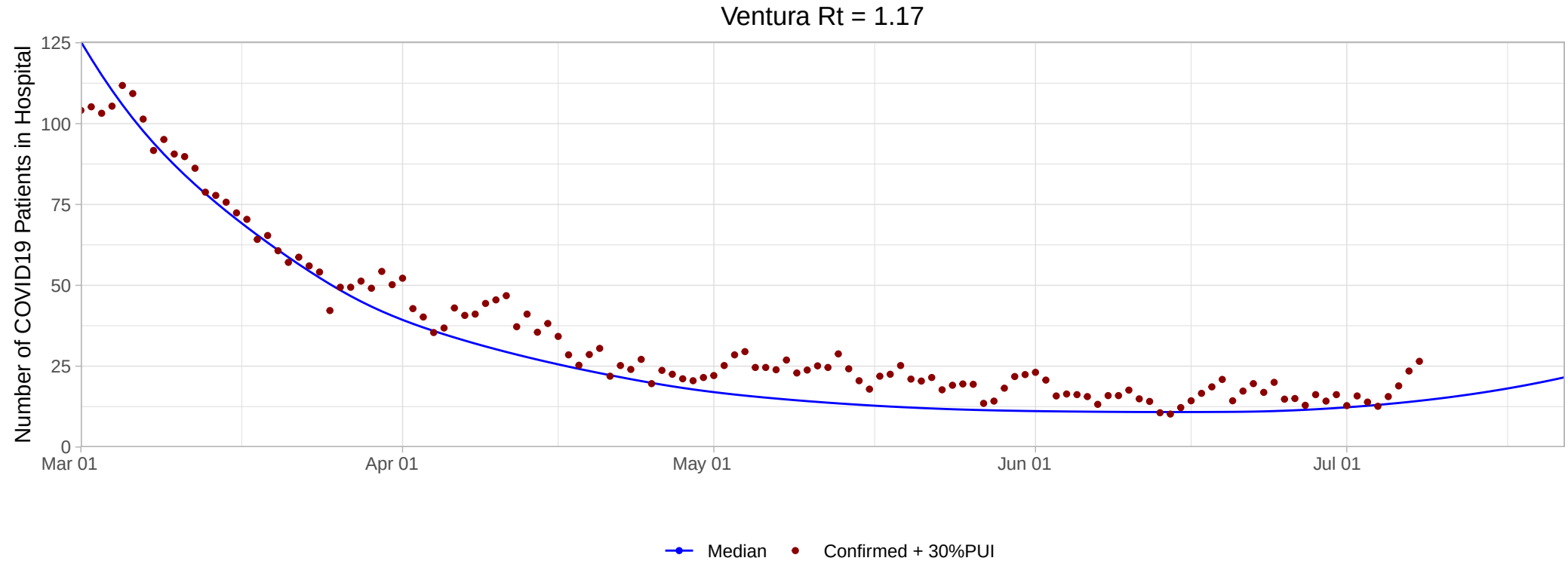
Contra Costa Rt = 1.08
Number of COVID19 Cases
120
90
60
30
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

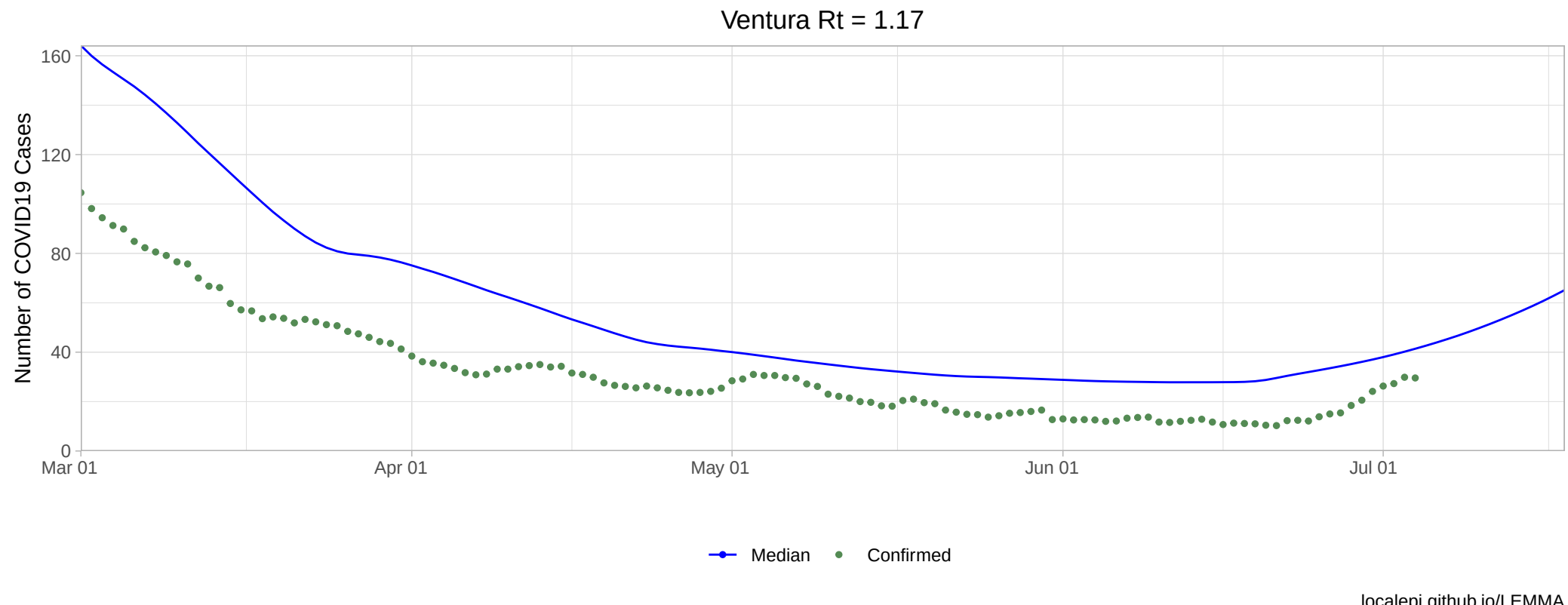

Fresno Rt = 0.98
Number of COVID19 Patients in Hospital
150
100
50
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

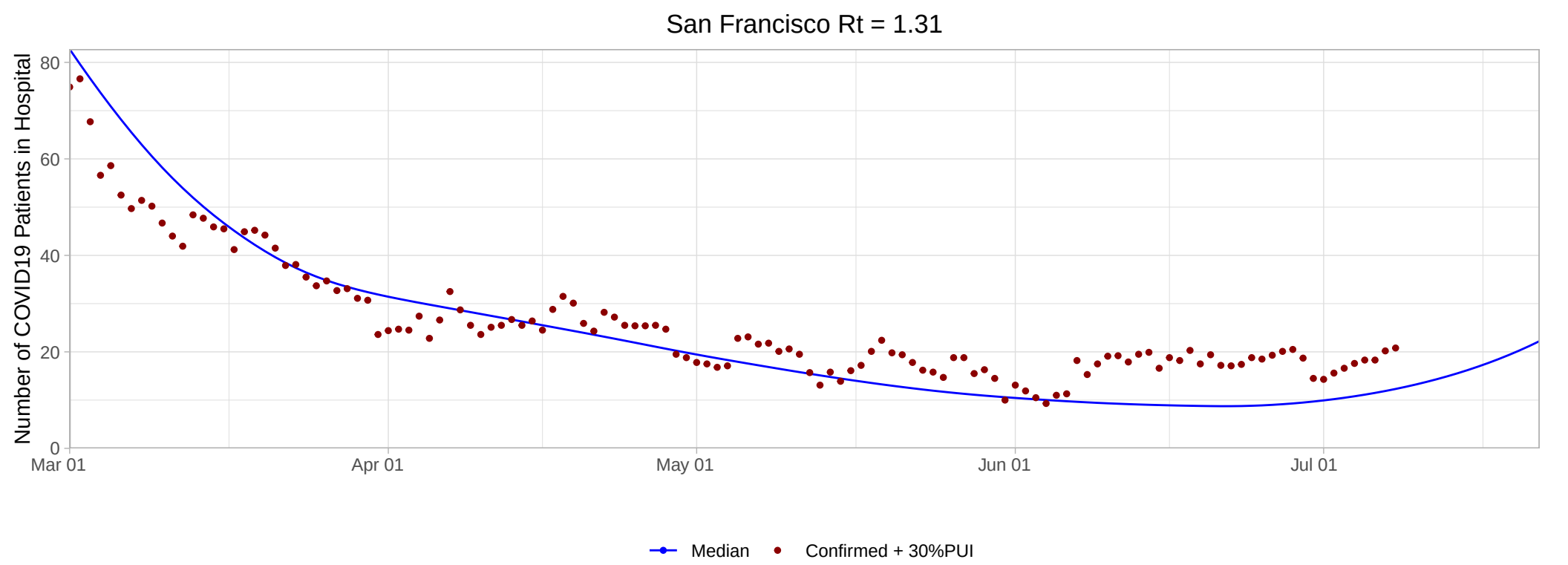

Fresno Rt = 0.98
Number of COVID19 Cases
100
50
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

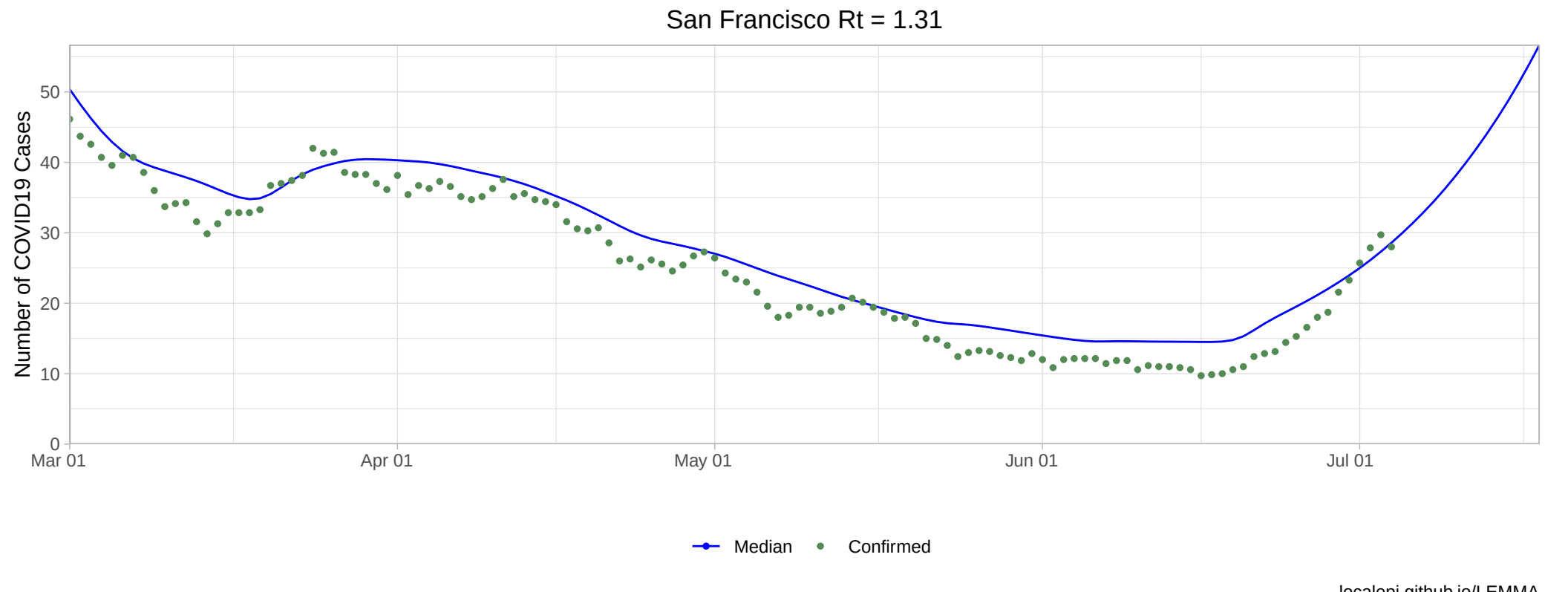

Kern Rt = 0.97
Number of COVID19 Patients in Hospital
0
50
100
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

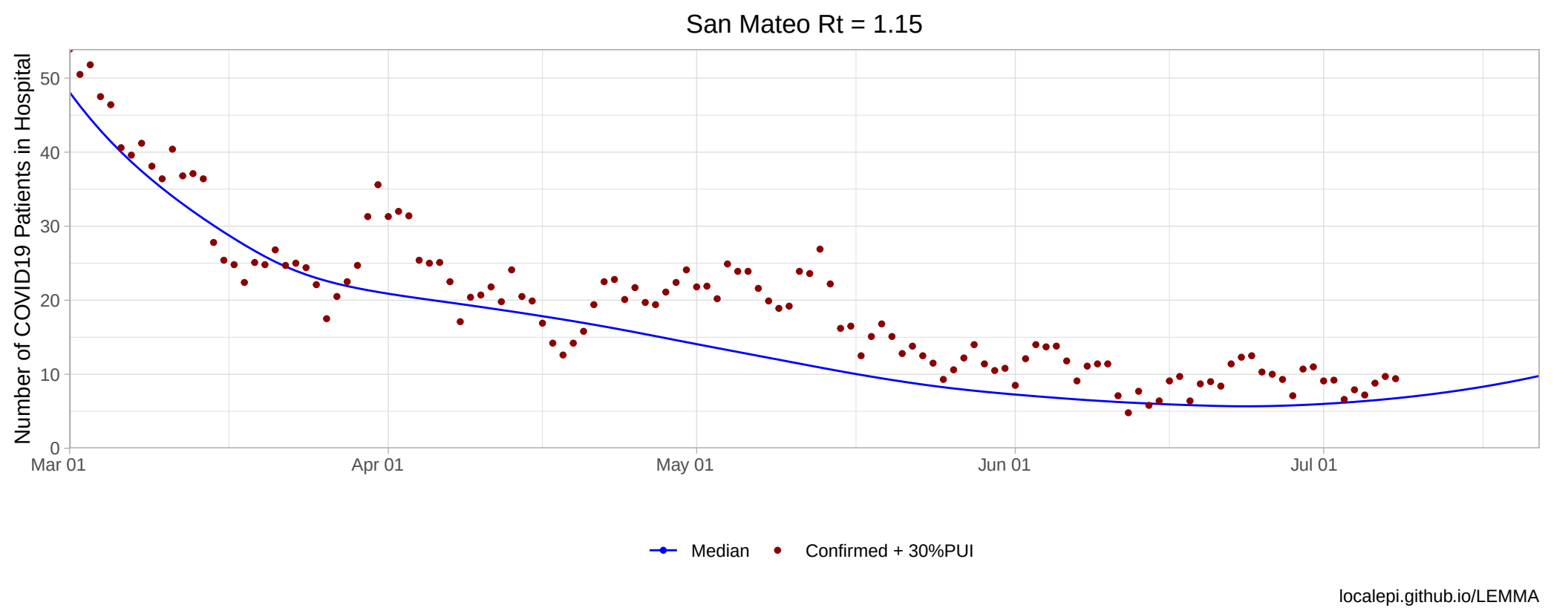

Kern Rt = 0.97
Number of COVID19 Cases
0
50
100
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

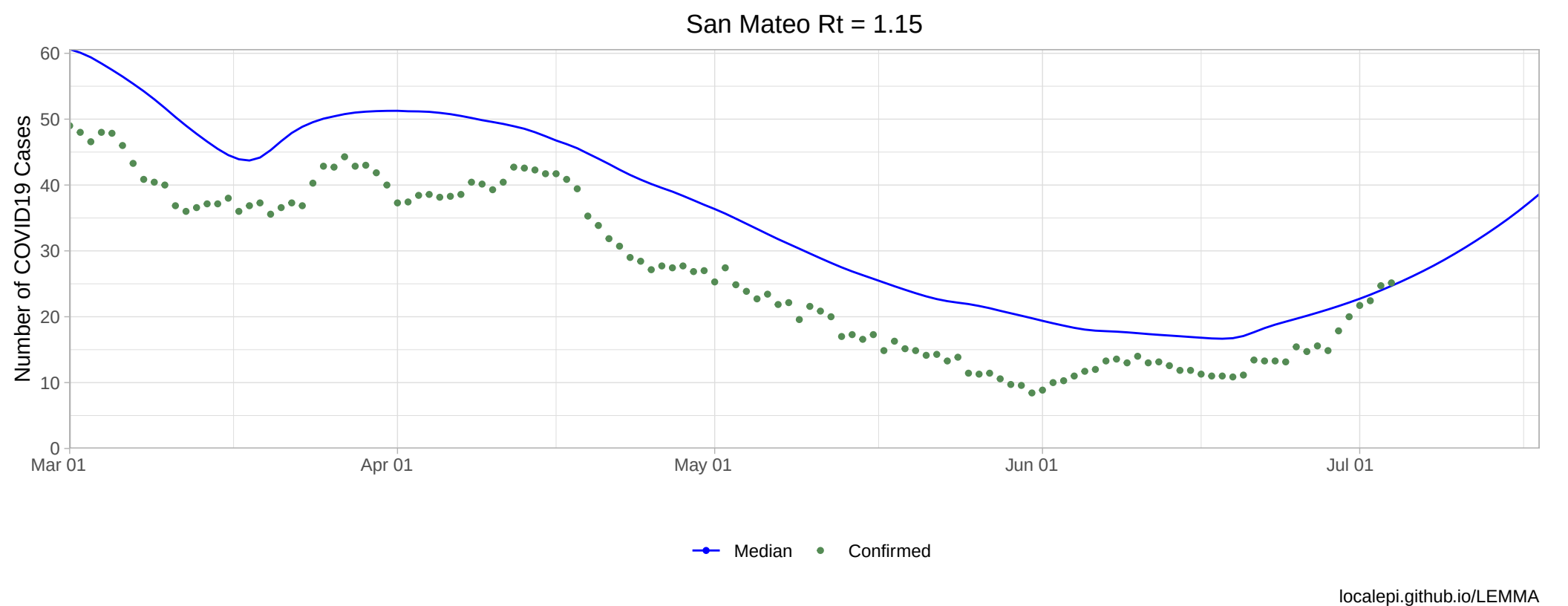

Ventura Rt = 1.17
Number of COVID19 Patients in Hospital
125
100
75
50
25
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

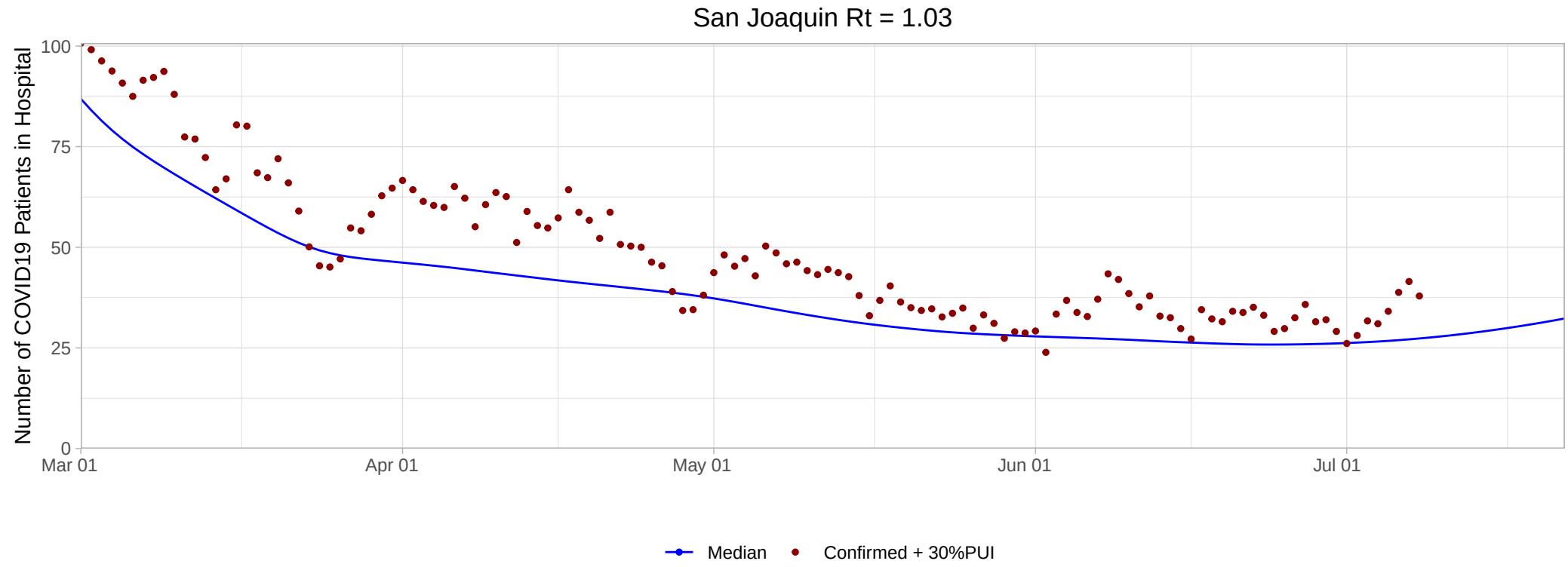

Ventura Rt = 1.17
Number of COVID19 Cases
160
120
80
40
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

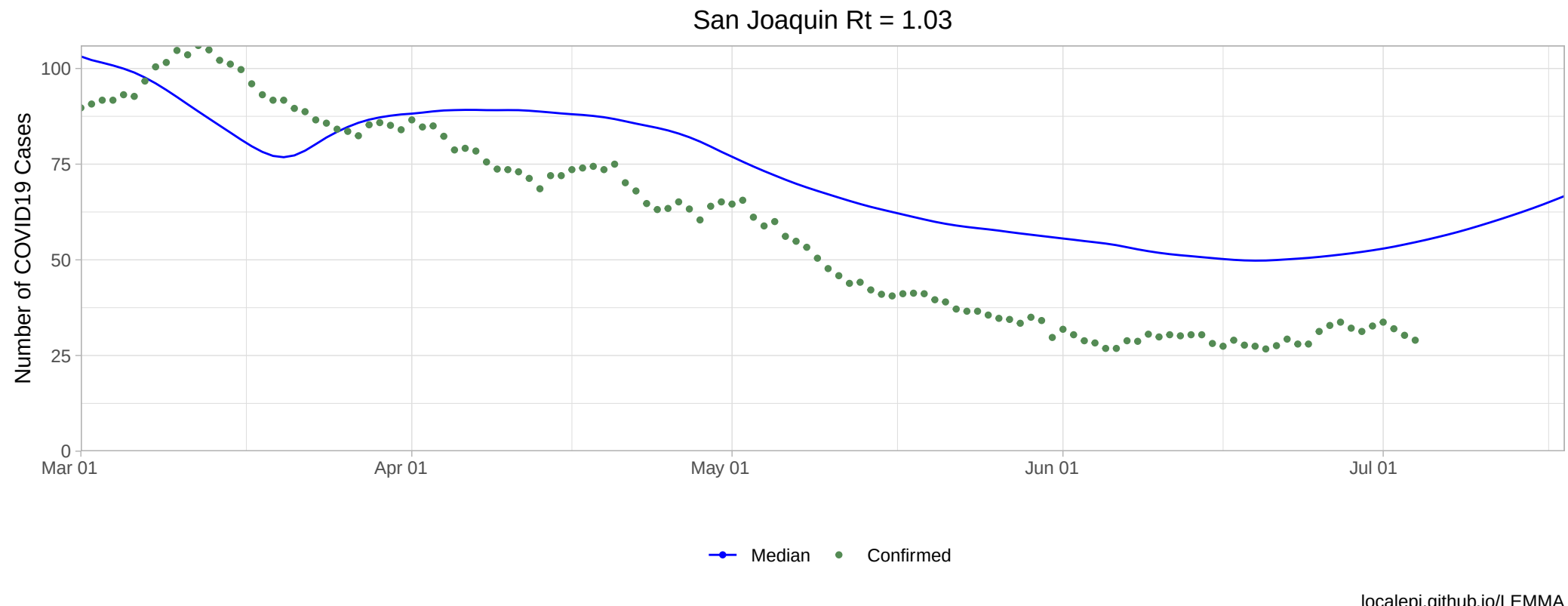

San Francisco Rt = 1.31
Number of COVID19 Patients in Hospital
0
20
40
60
80
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

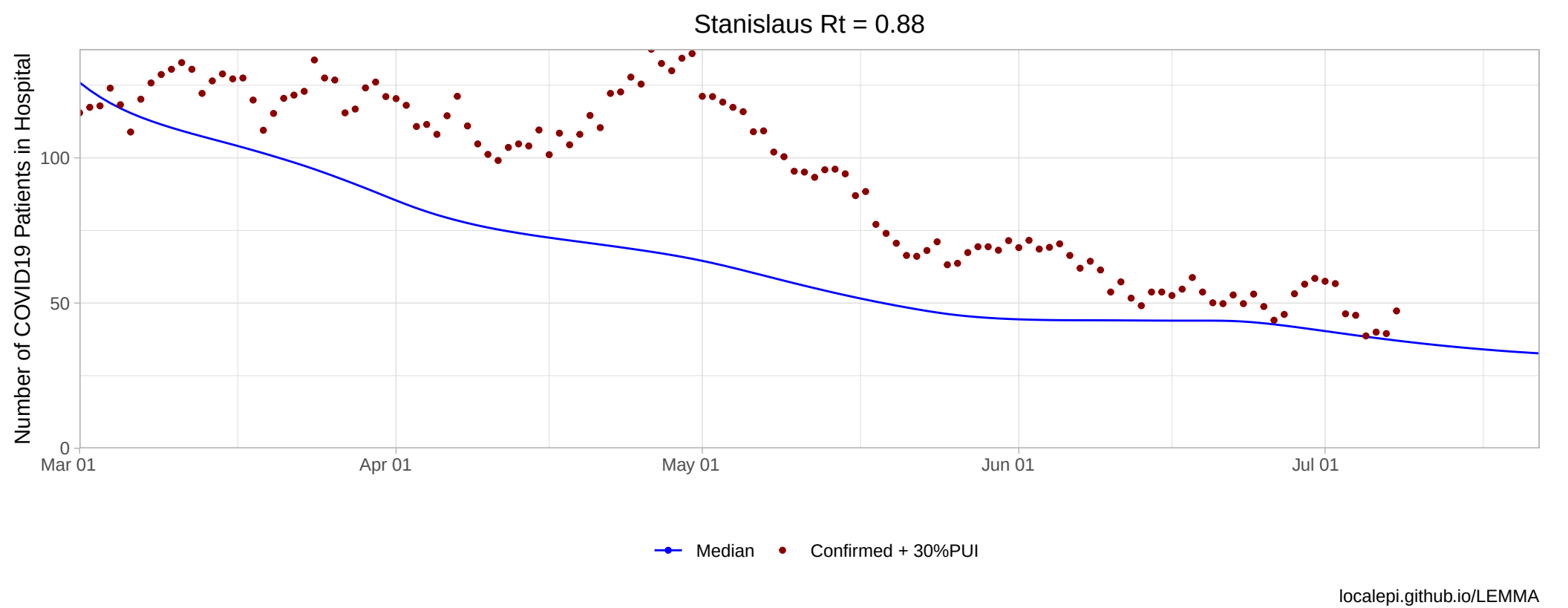

San Francisco Rt = 1.31
Number of COVID19 Cases
0
10
20
30
40
50
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

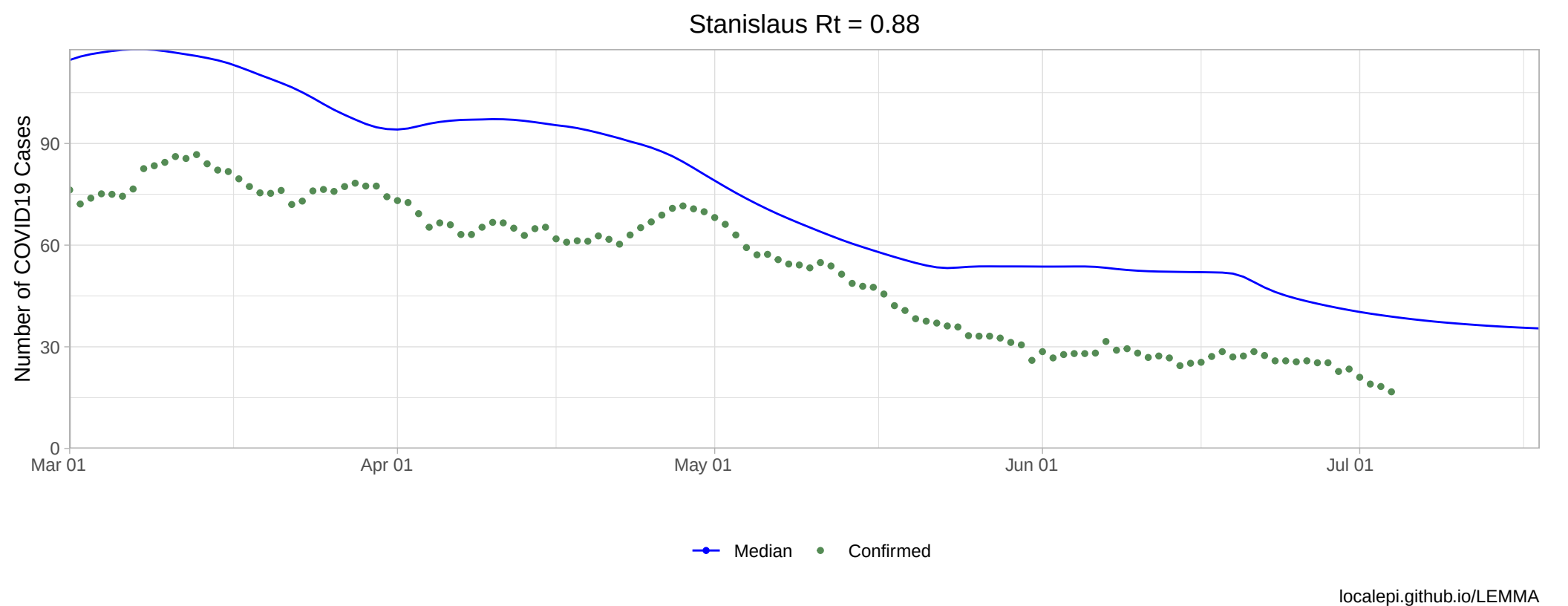

San Mateo Rt = 1.15
Number of COVID19 Patients in Hospital
0
10
20
30
40
50
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

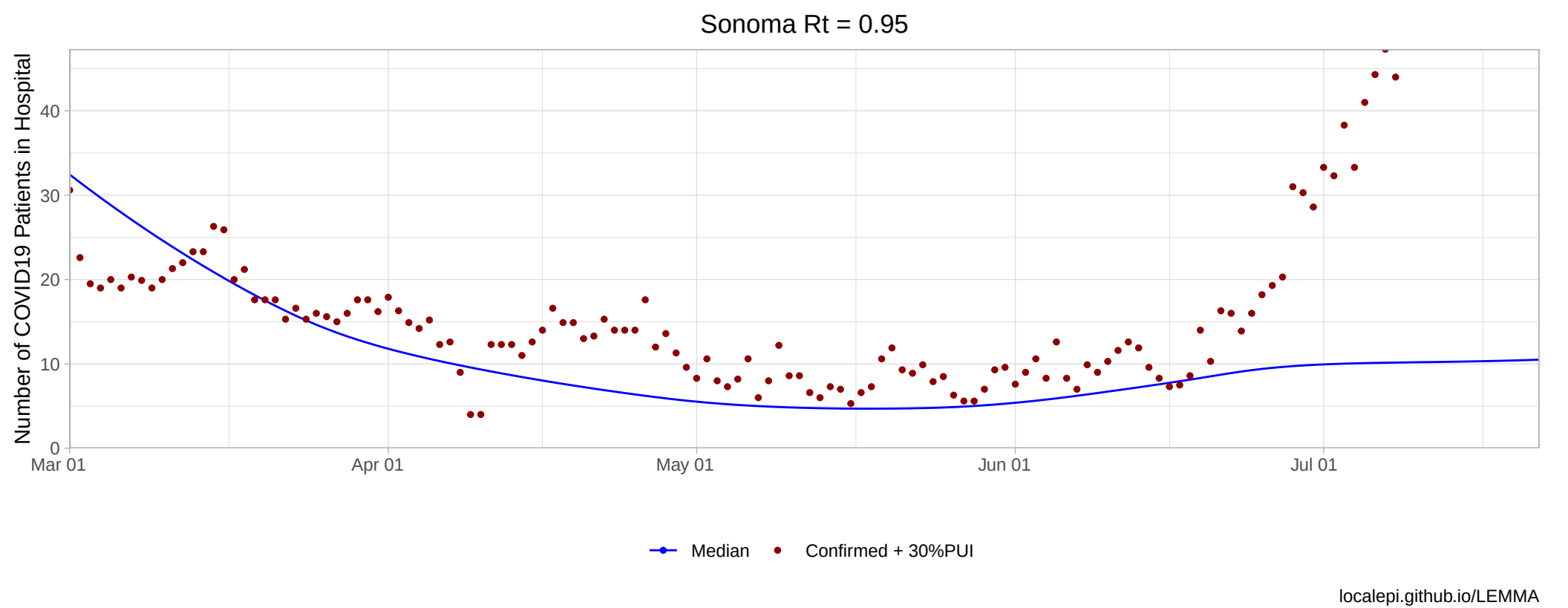

San Mateo Rt = 1.15
Number of COVID19 Cases
0
10
20
30
40
50
60
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

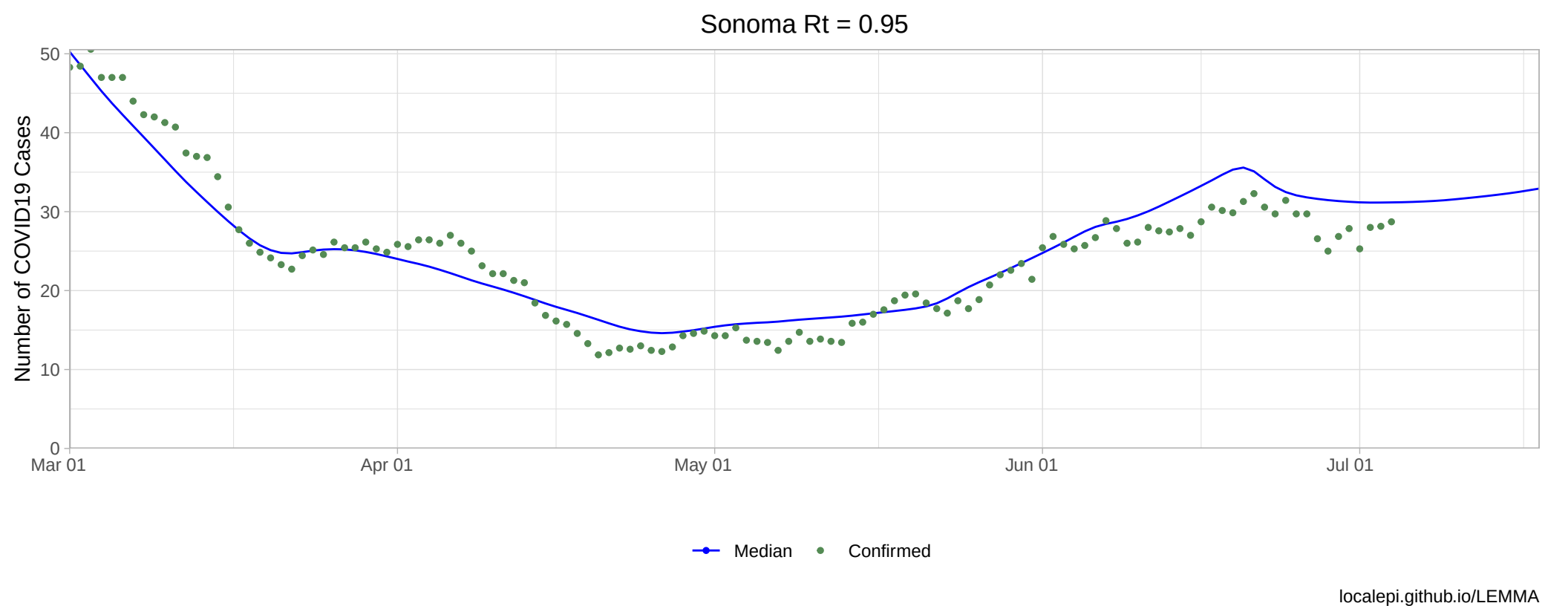

San Joaquin Rt = 1.03
Number of COVID19 Patients in Hospital
100
75
50
25
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

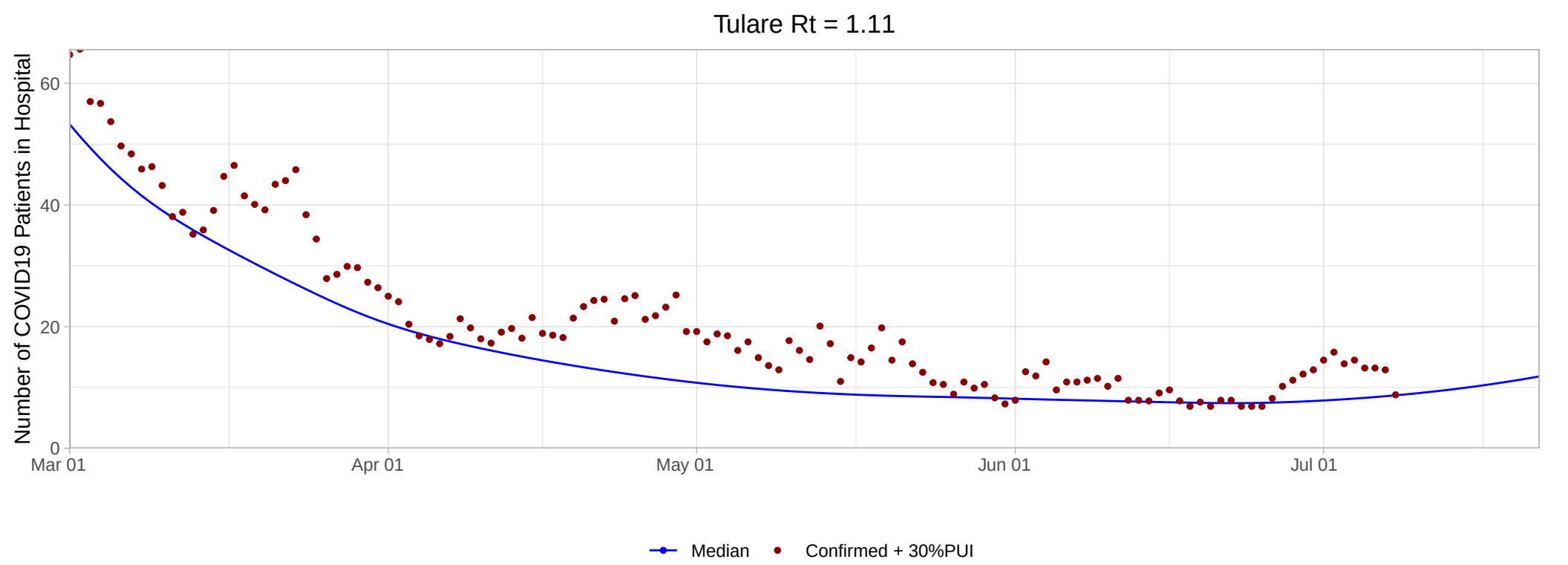

San Joaquin Rt = 1.03
Number of COVID19 Cases
100
75
50
25
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

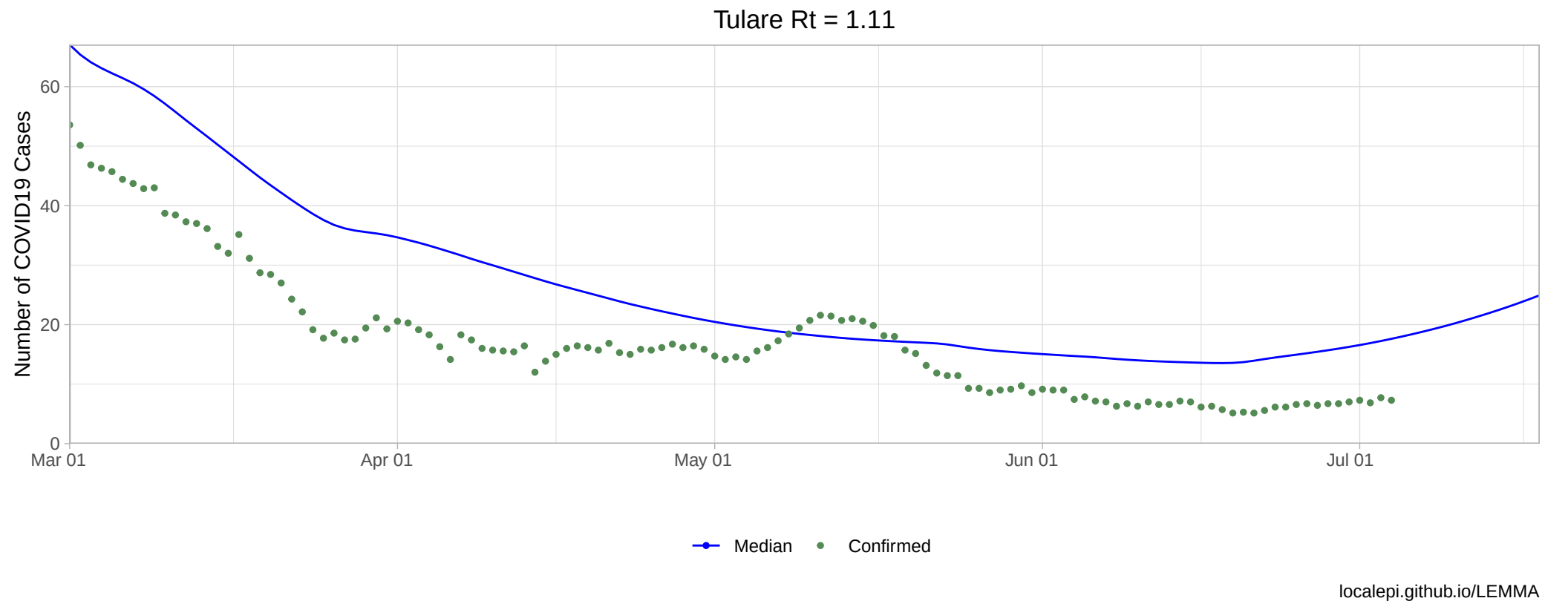

Stanislaus Rt = 0.88
Number of COVID19 Patients in Hospital
100
50
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

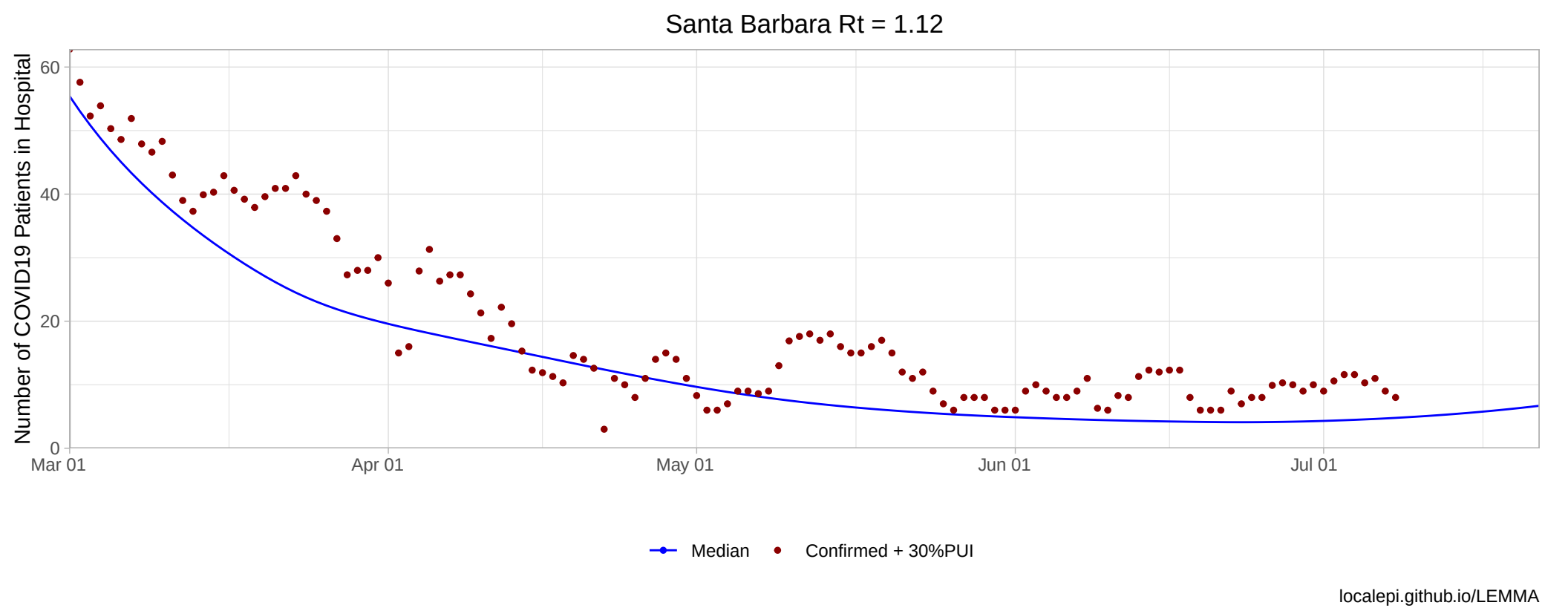

Stanislaus Rt = 0.88
Number of COVID19 Cases
90
60
30
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

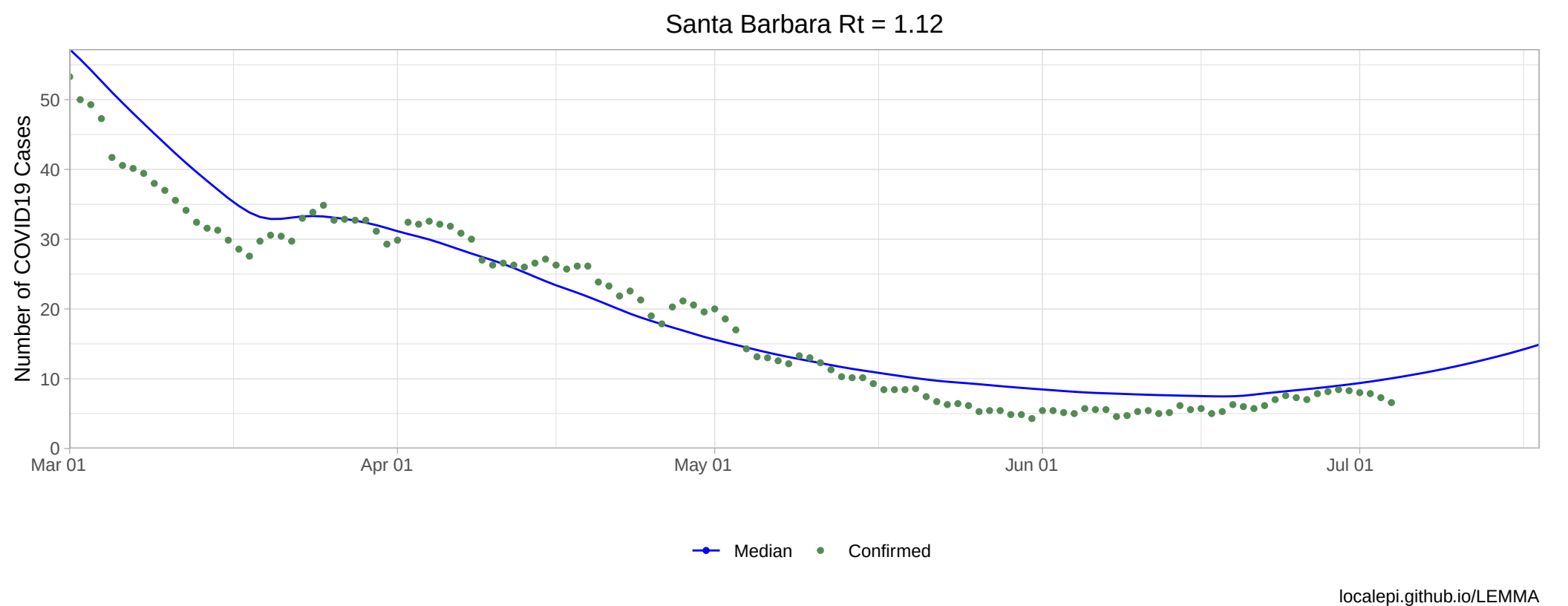

Sonoma Rt = 0.95
Number of COVID19 Patients in Hospital
0
10
20
30
40
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

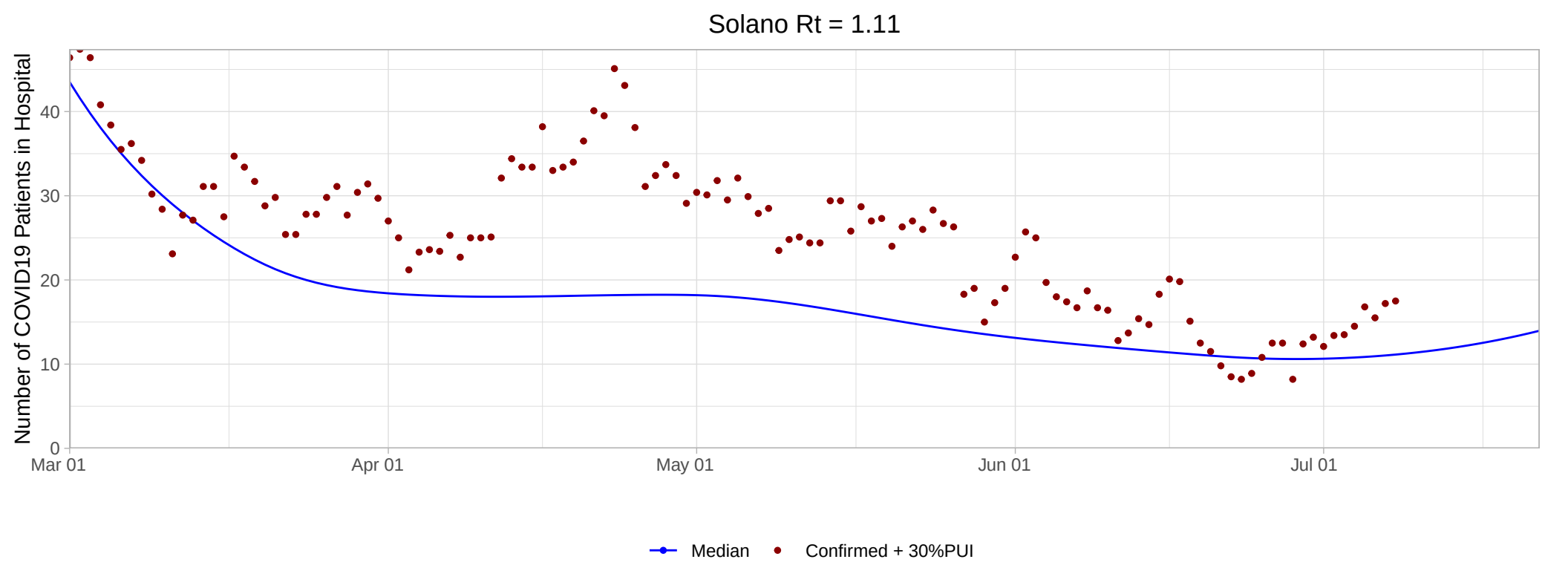

Sonoma Rt = 0.95
Number of COVID19 Cases
0
10
20
30
40
50
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

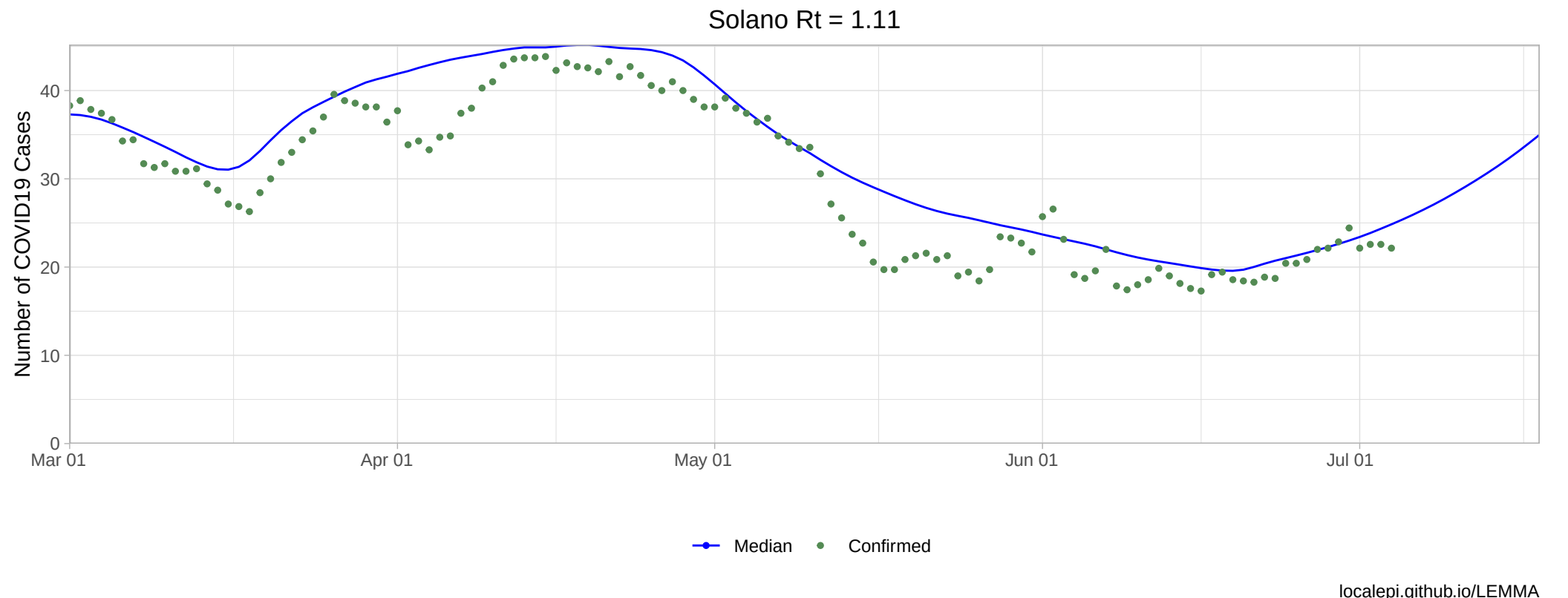

Tulare Rt = 1.11
Number of COVID19 Patients in Hospital
0
20
40
60
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

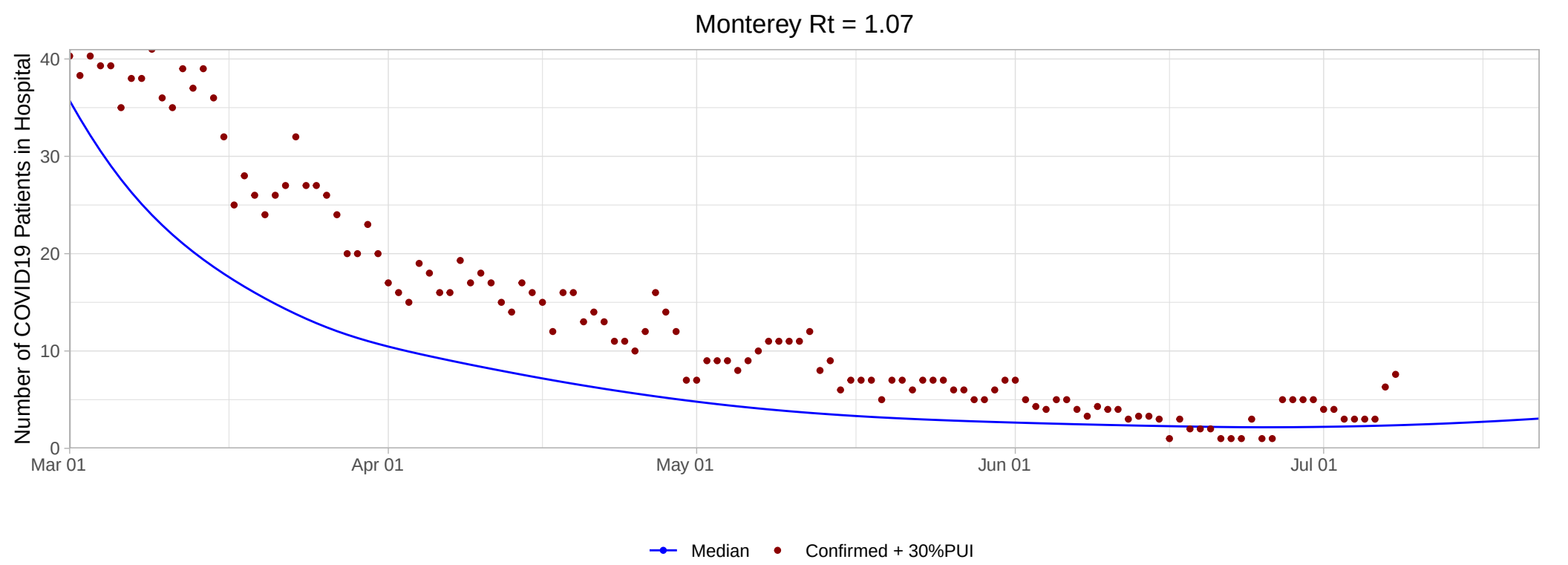

Tulare Rt = 1.11
Number of COVID19 Cases
0
20
40
60
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

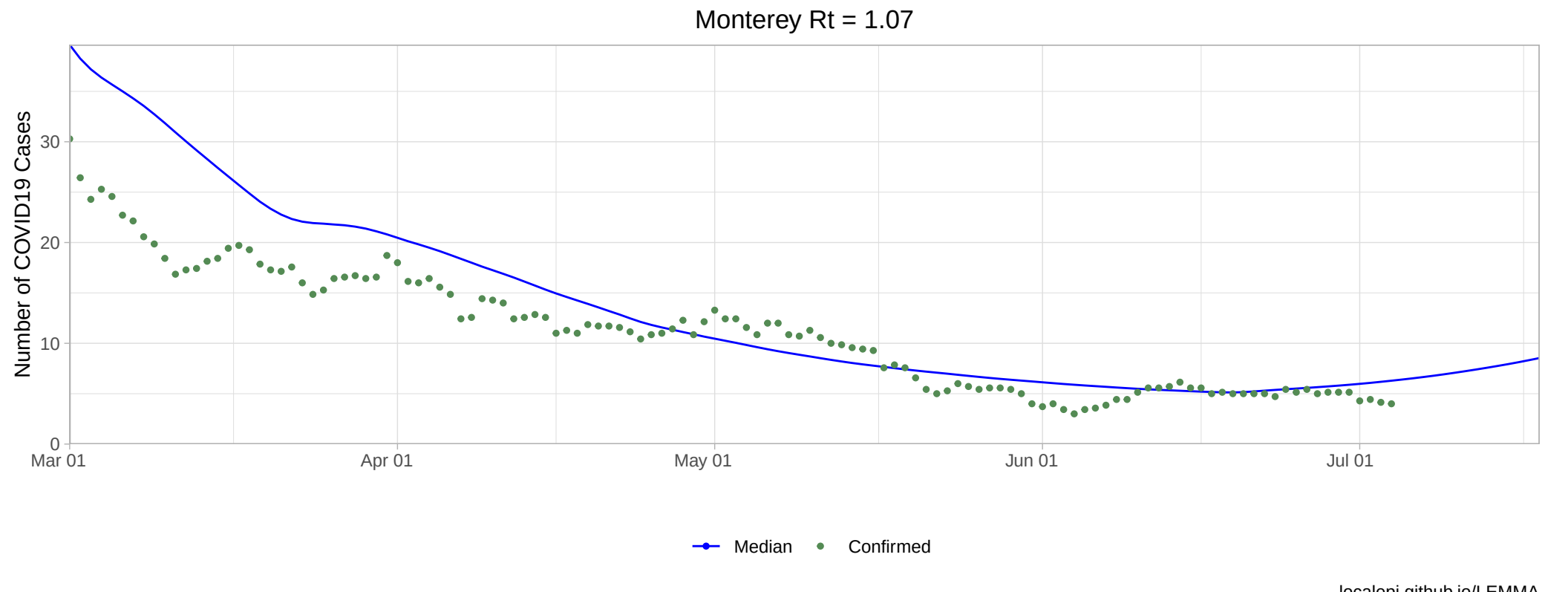

Santa Barbara Rt = 1.12
Number of COVID19 Patients in Hospital
60
40
20
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

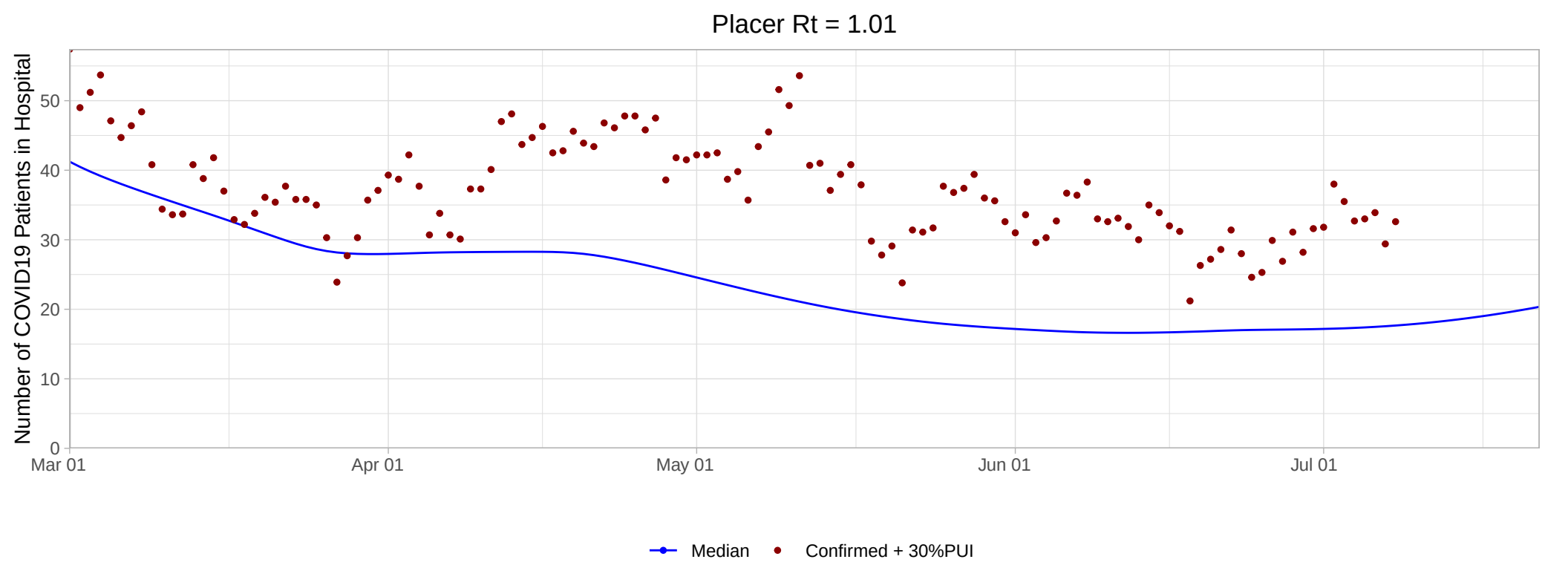

Santa Barbara Rt = 1.12
Number of COVID19 Cases
50
40
30
20
10
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Solano Rt = 1.11
Number of COVID19 Patients in Hospital
0
10
20
30
40
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

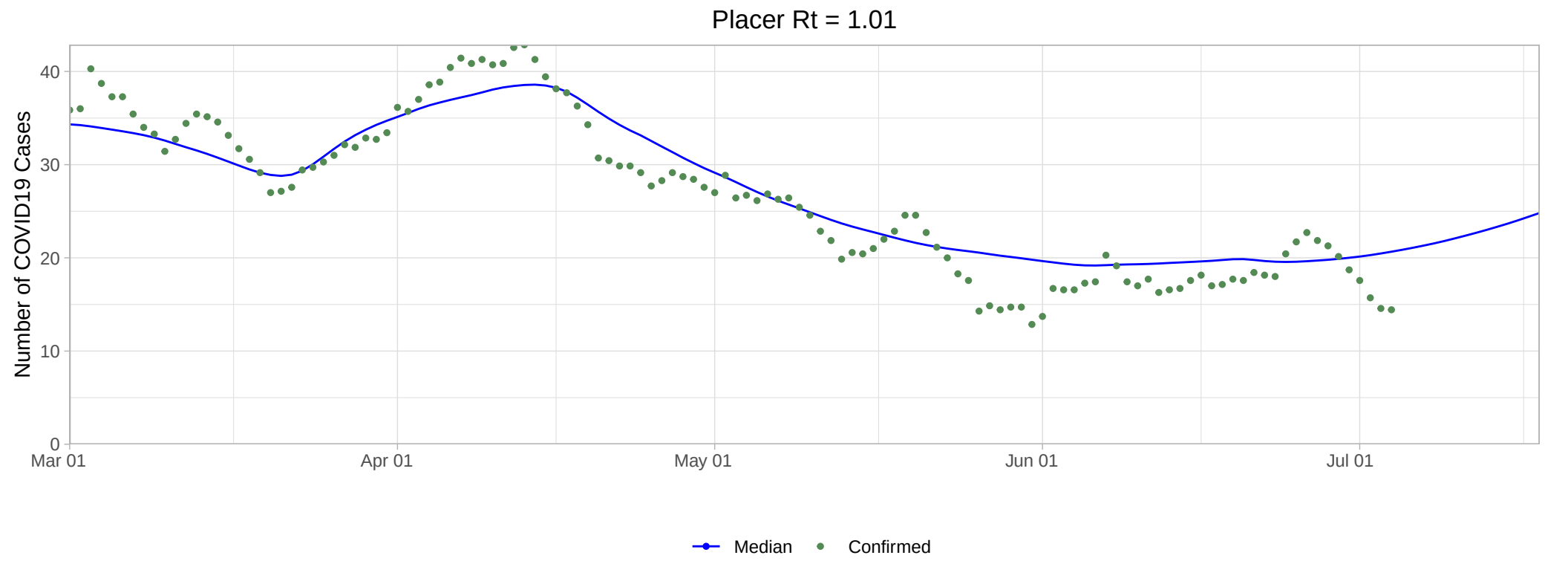

Solano Rt = 1.11
Number of COVID19 Cases
0
10
20
30
40
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Monterey Rt = 1.07
Number of COVID19 Patients in Hospital
0
10
20
30
40
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

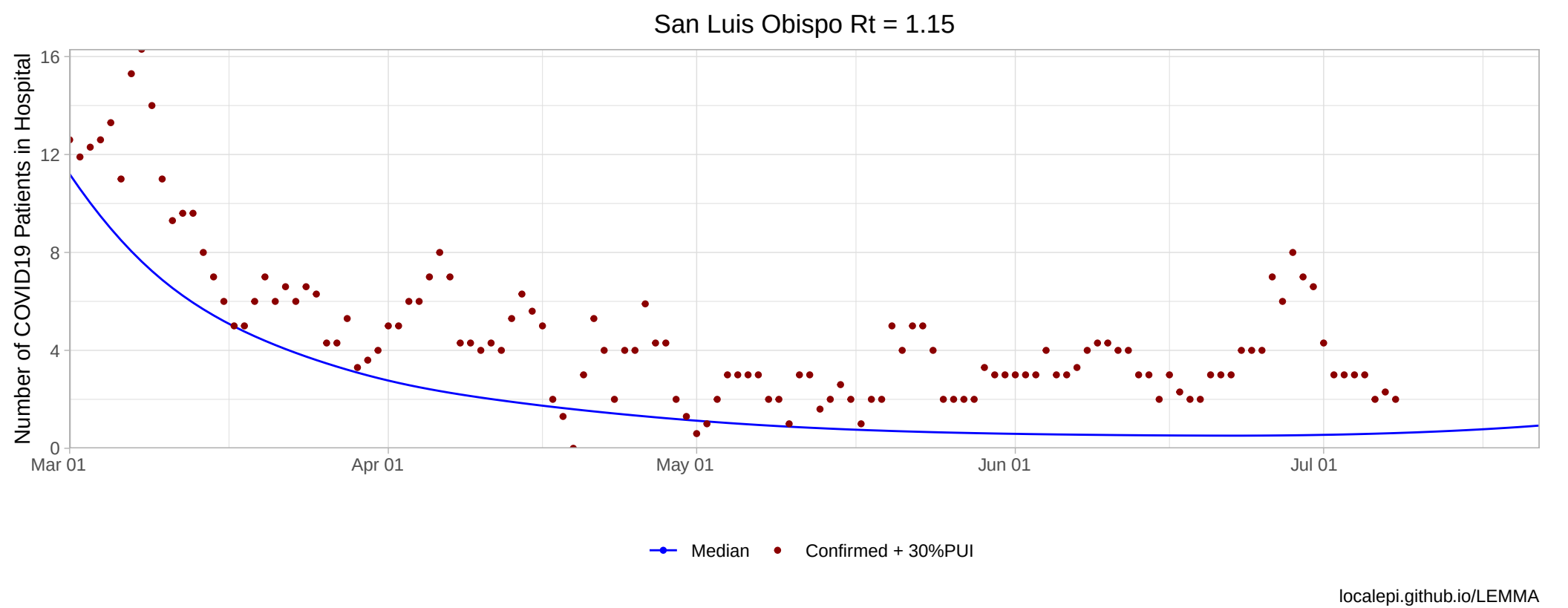

Monterey Rt = 1.07
Number of COVID19 Cases
0
10
20
30
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

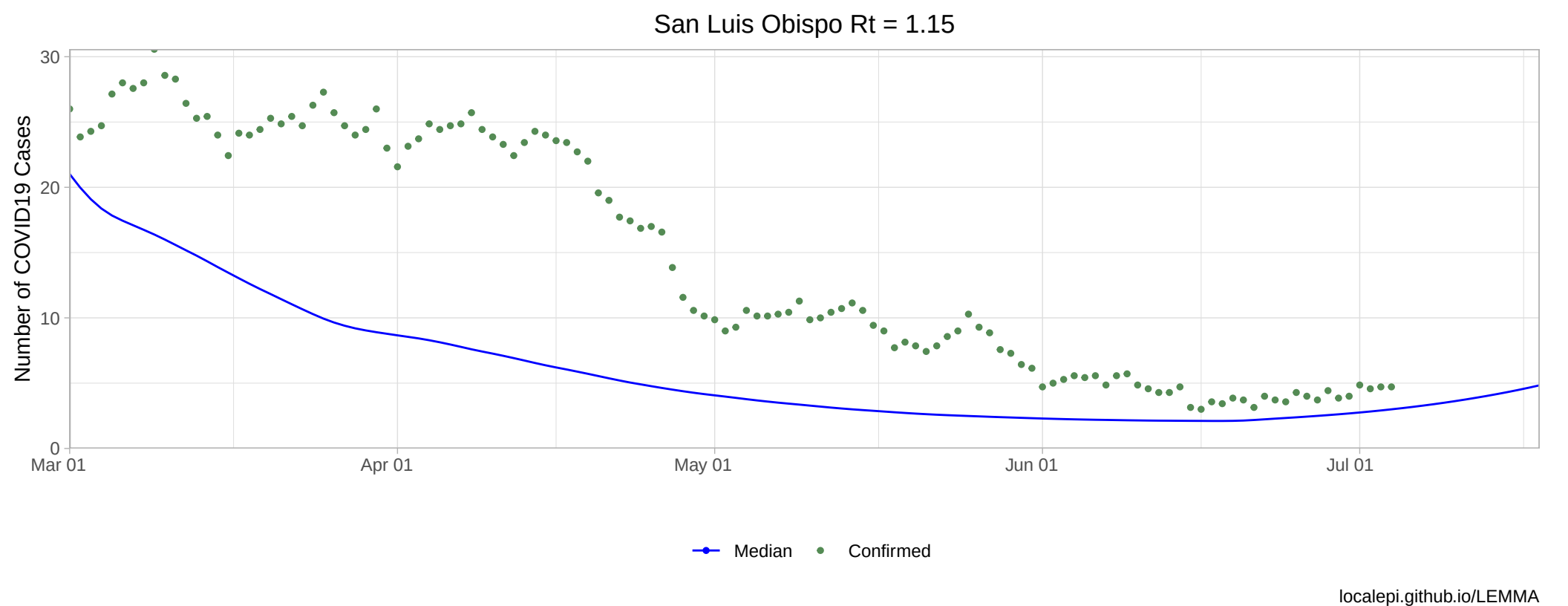


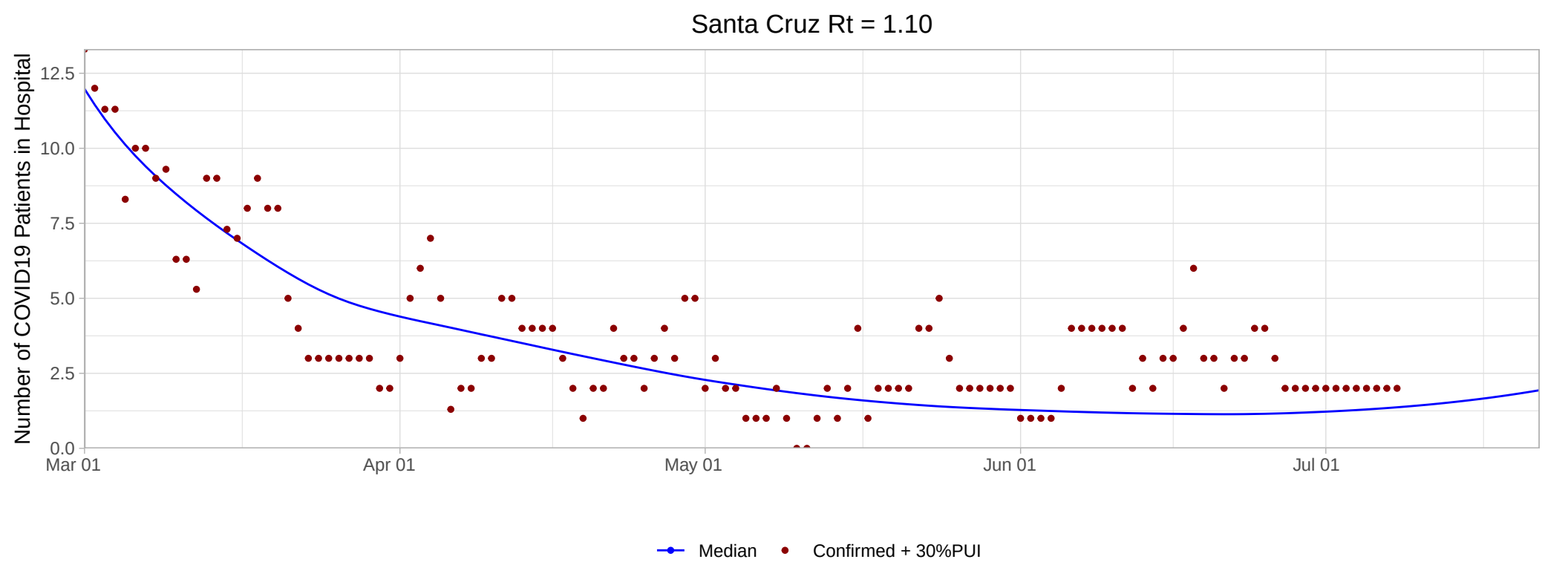
localepi.github.io/LEMMA



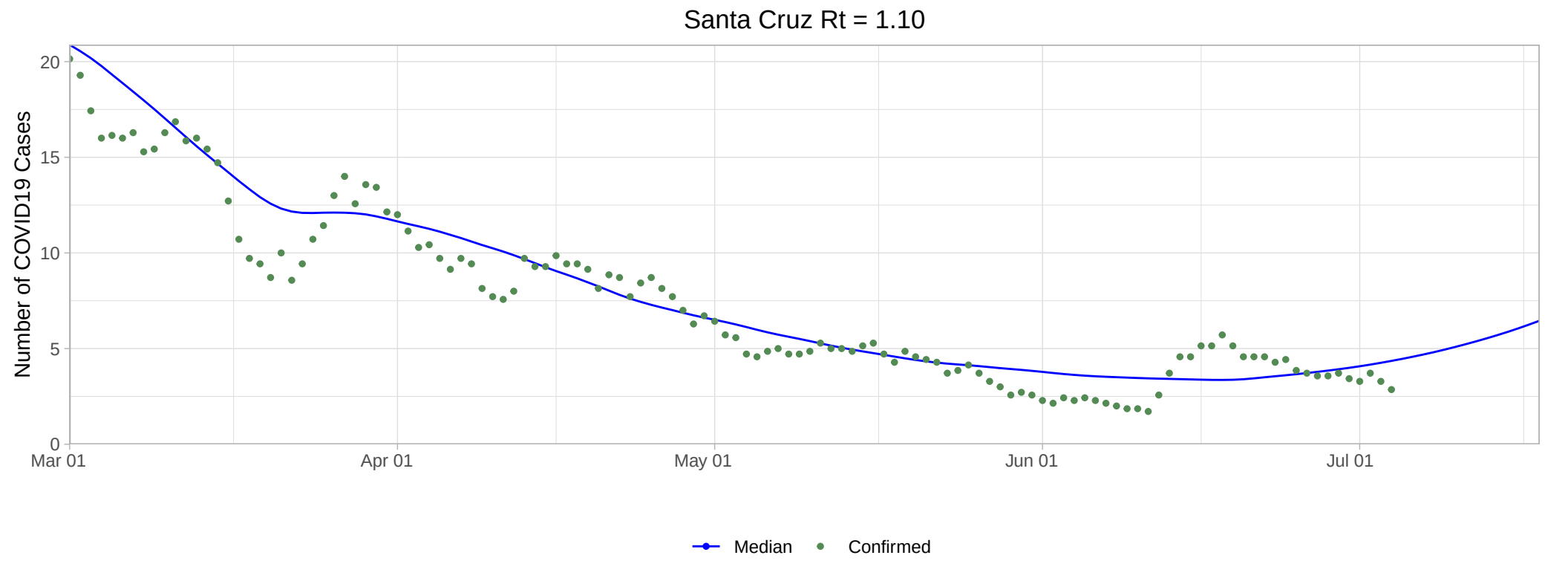
localepi.github.io/LEMMA


San Luis Obispo Rt = 1.15
Number of COVID19 Patients in Hospital
16
12
8
4
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

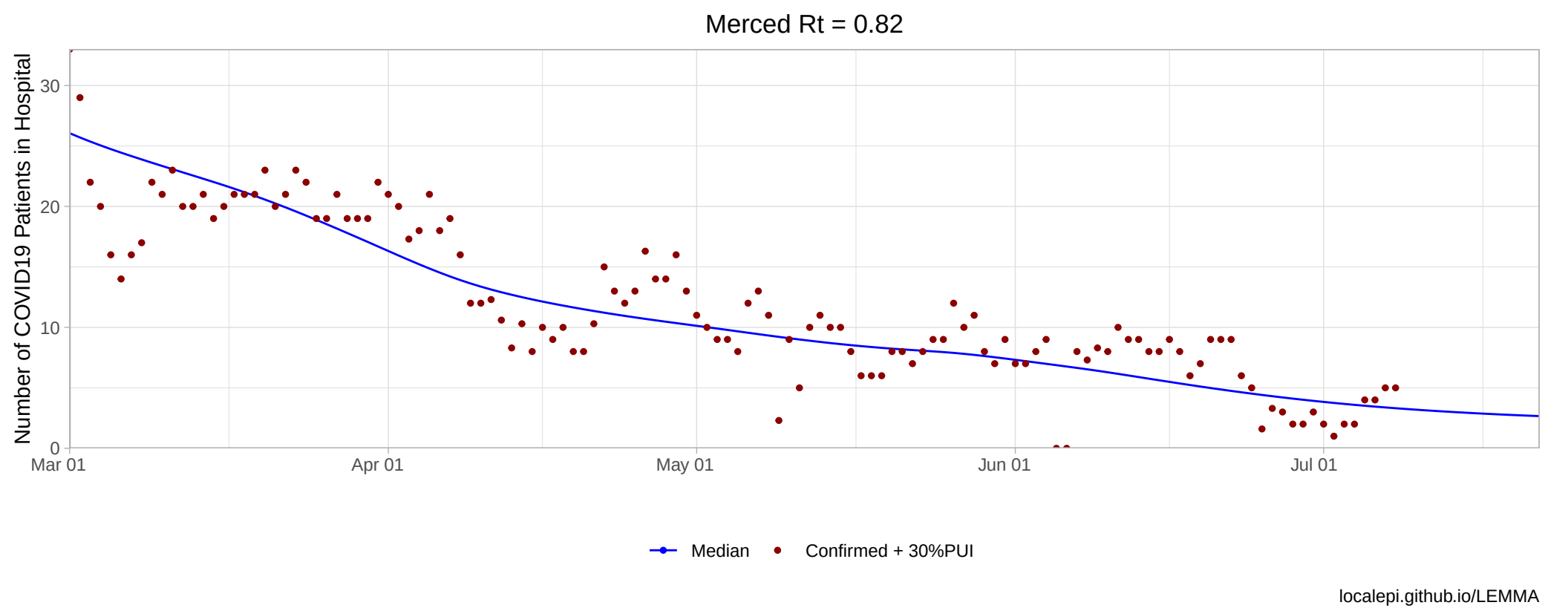

San Luis Obispo Rt = 1.15
Number of COVID19 Cases
30
20
10
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

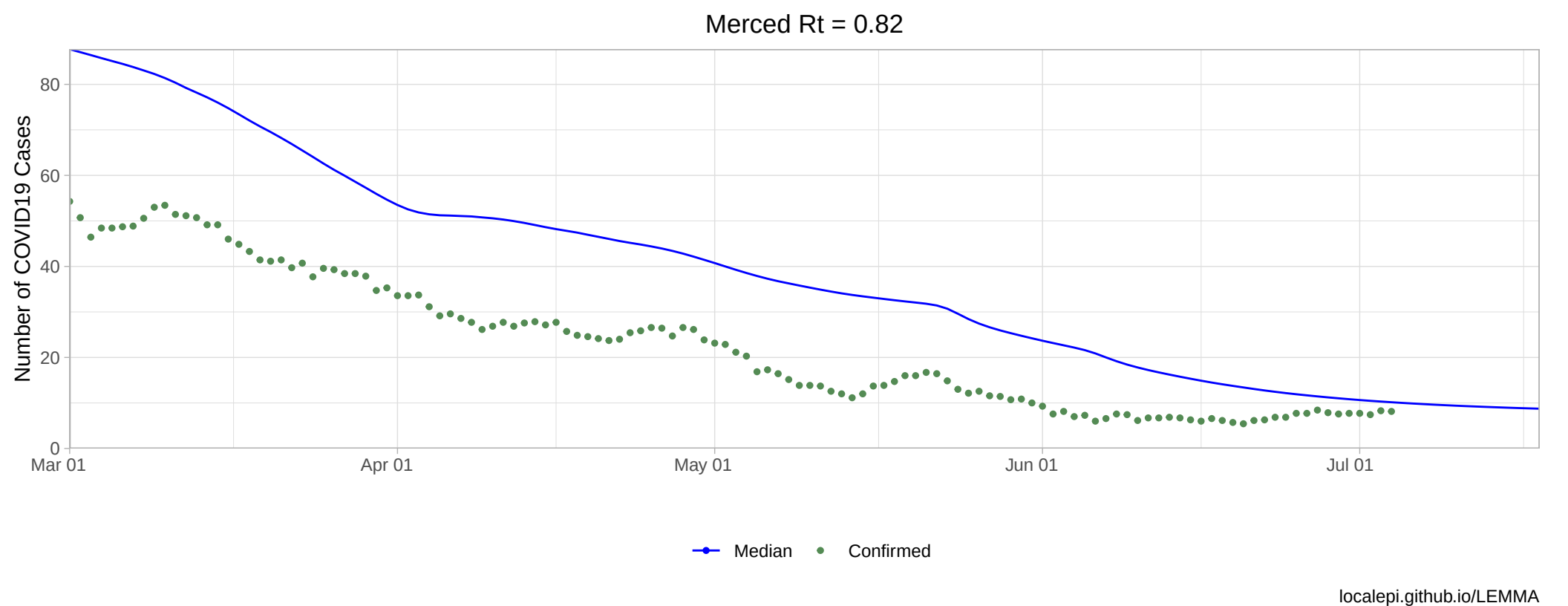


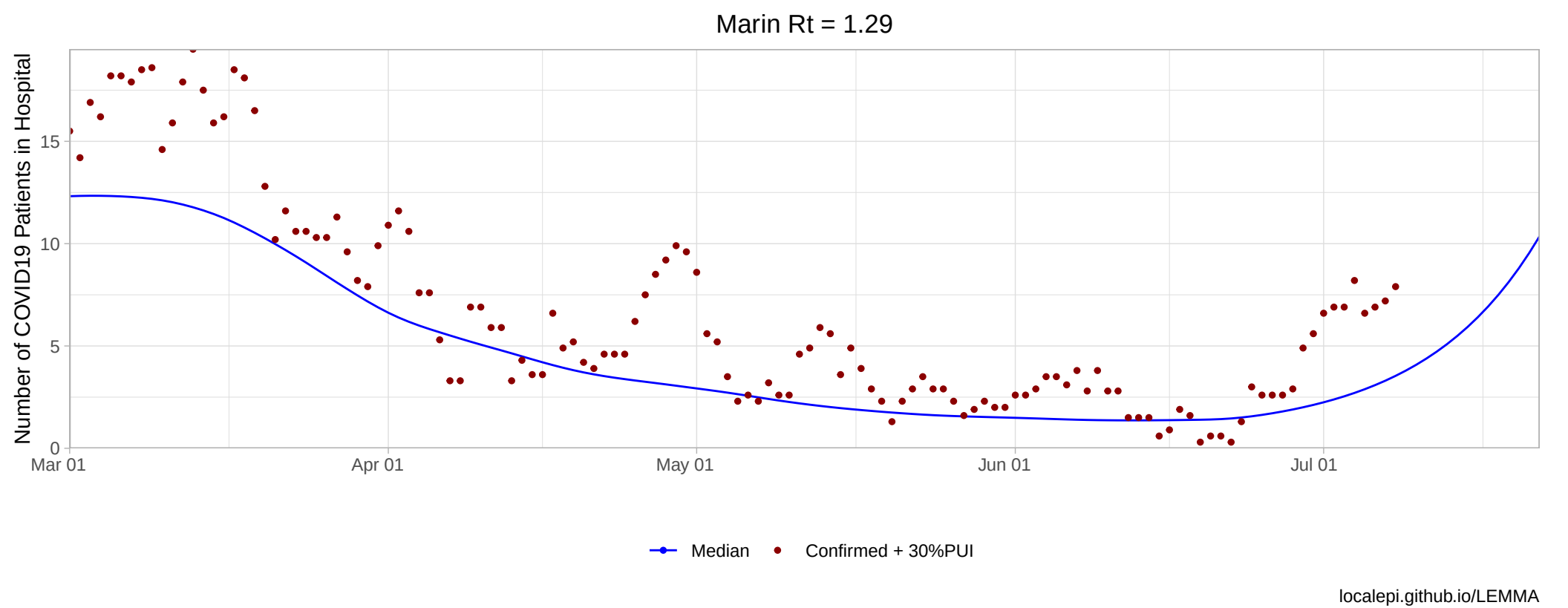
localepi.github.io/LEMMA

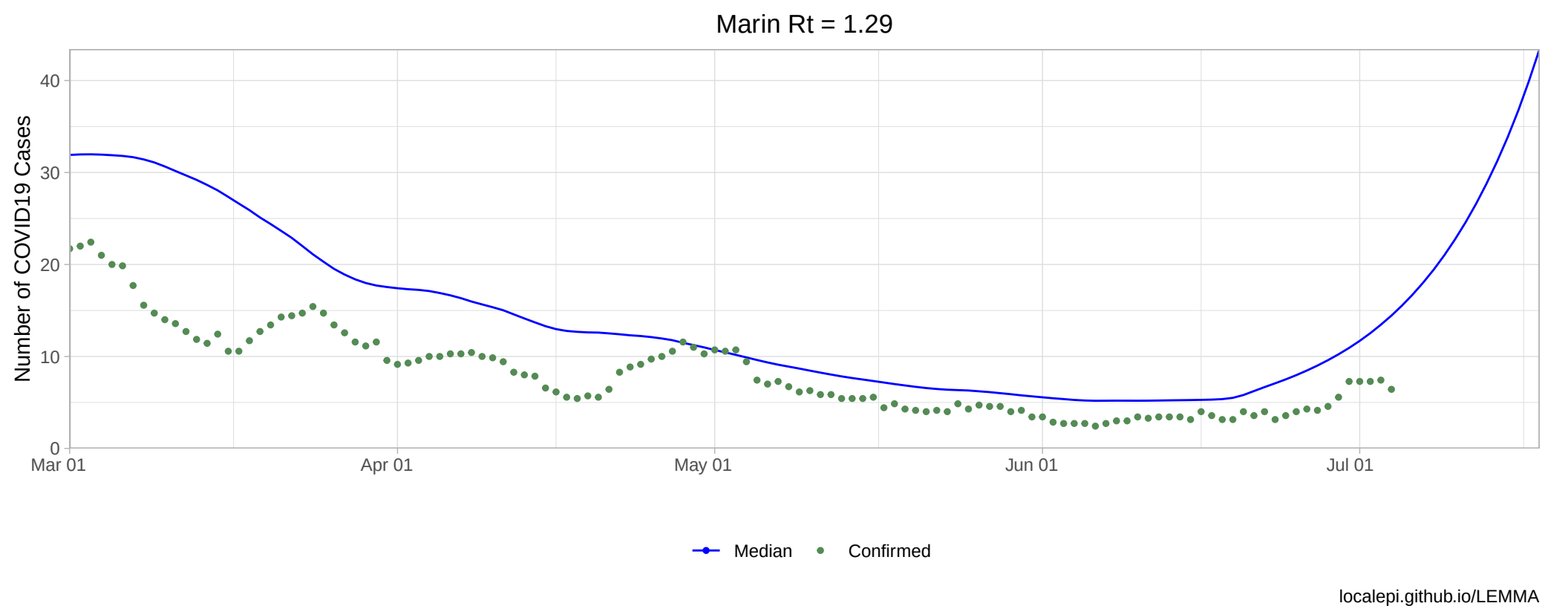


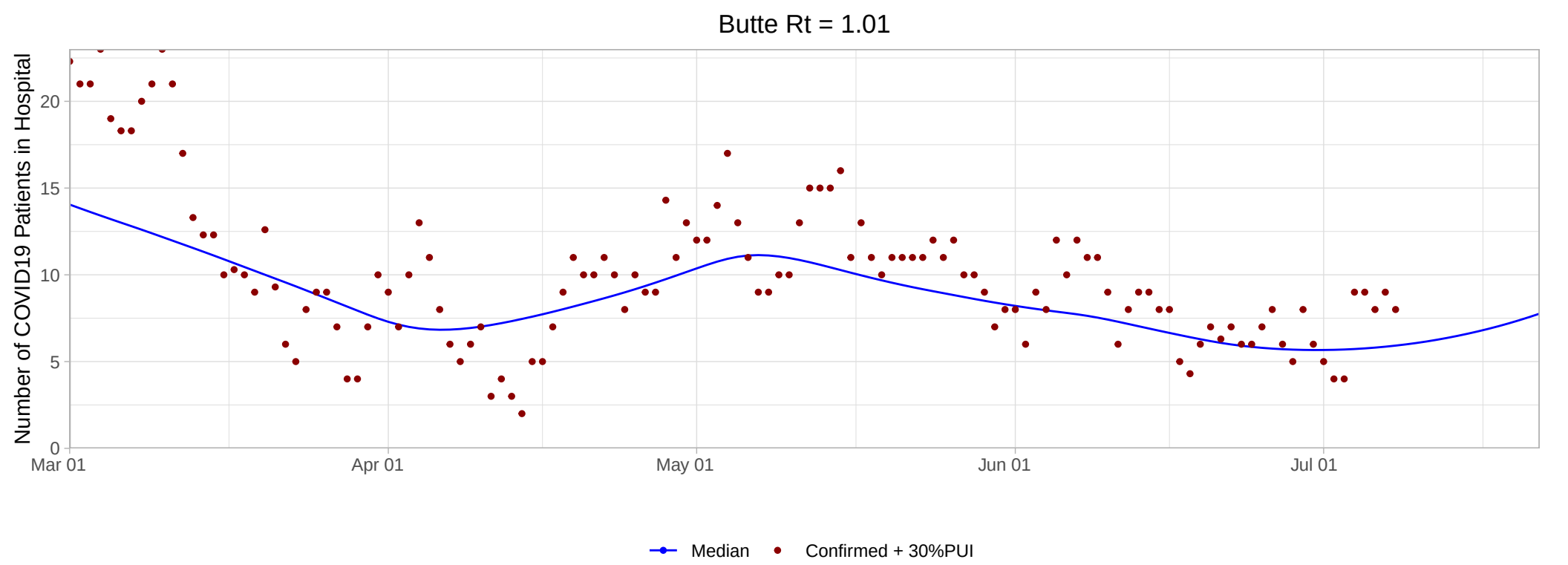
localepi.github.io/LEMMA


Merced Rt = 0.82
Number of COVID19 Patients in Hospital
0
10
20
30
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

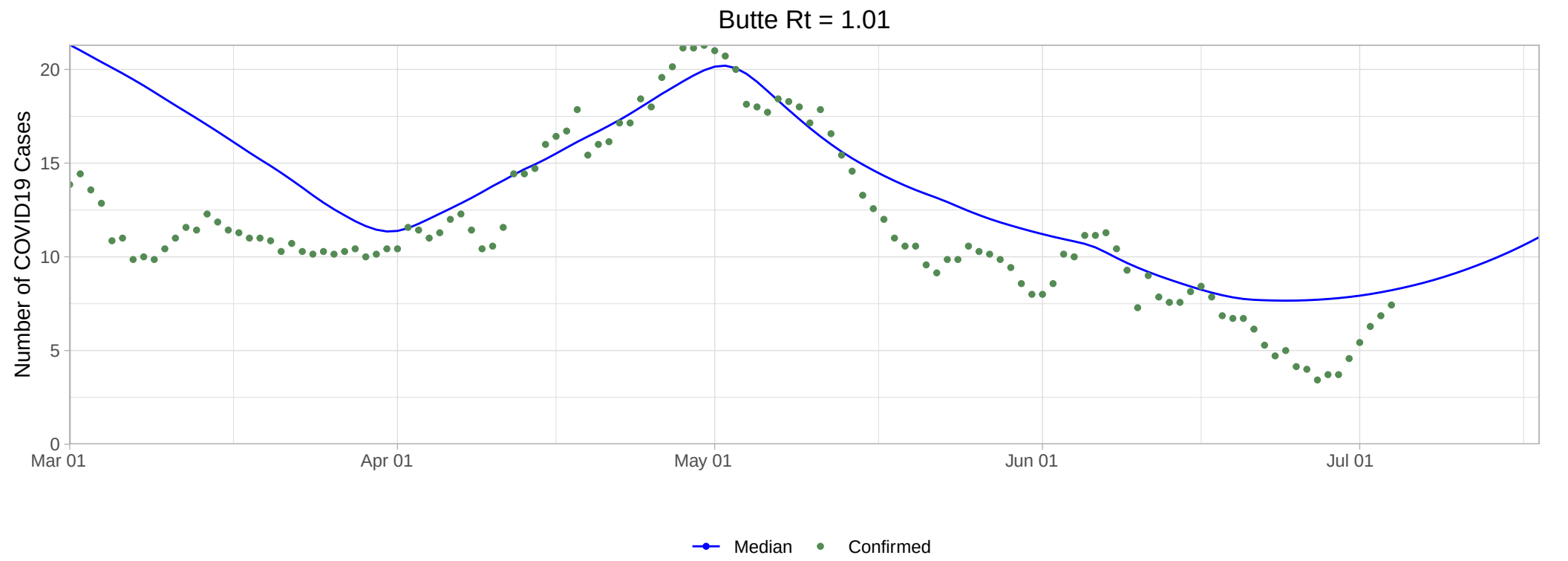

Merced Rt = 0.82
Number of COVID19 Cases
0
20
40
60
80
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Marin Rt = 1.29
Number of COVID19 Patients in Hospital
0
5
10
15
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

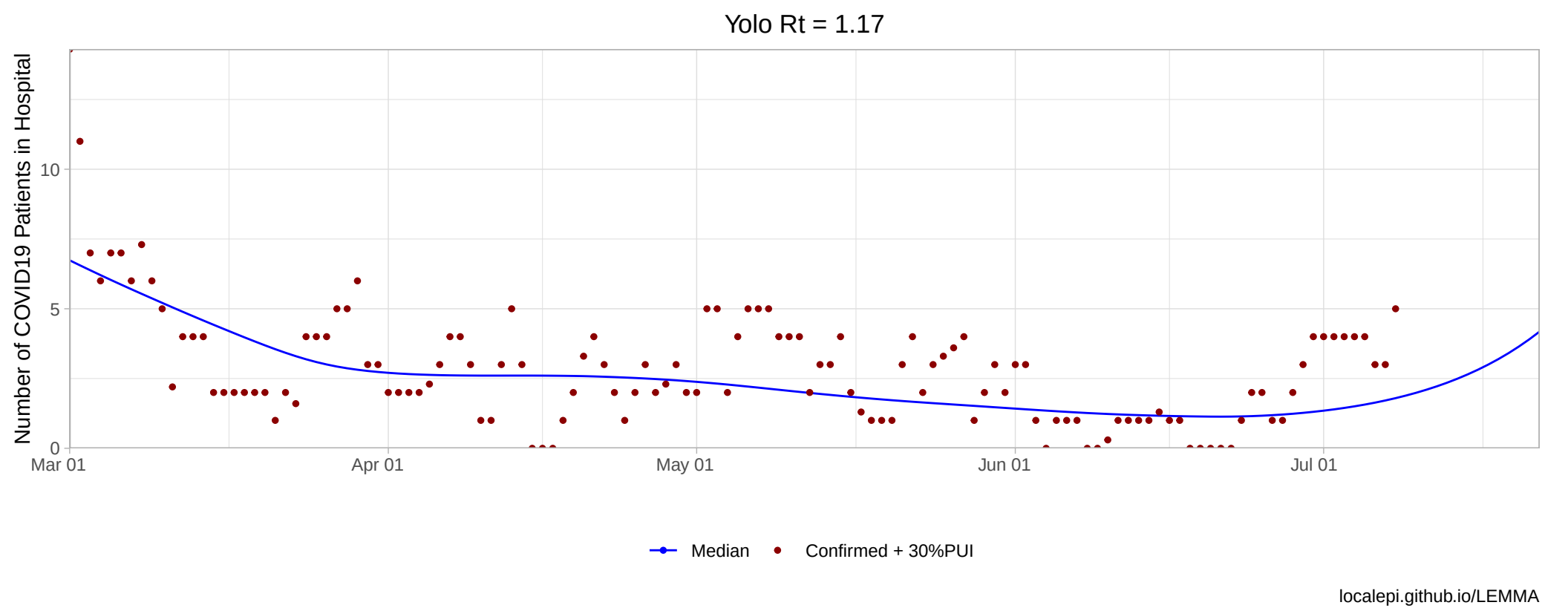

Marin Rt = 1.29
Number of COVID19 Cases
0
10
20
30
40
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

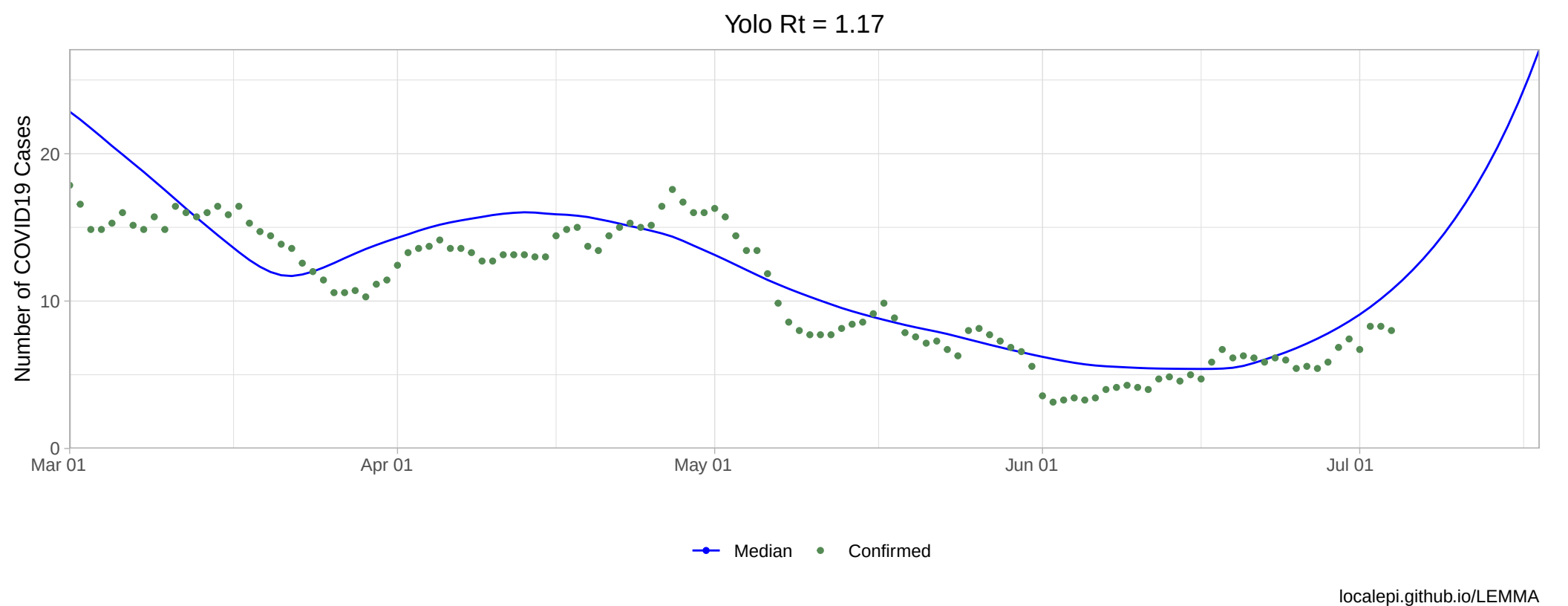


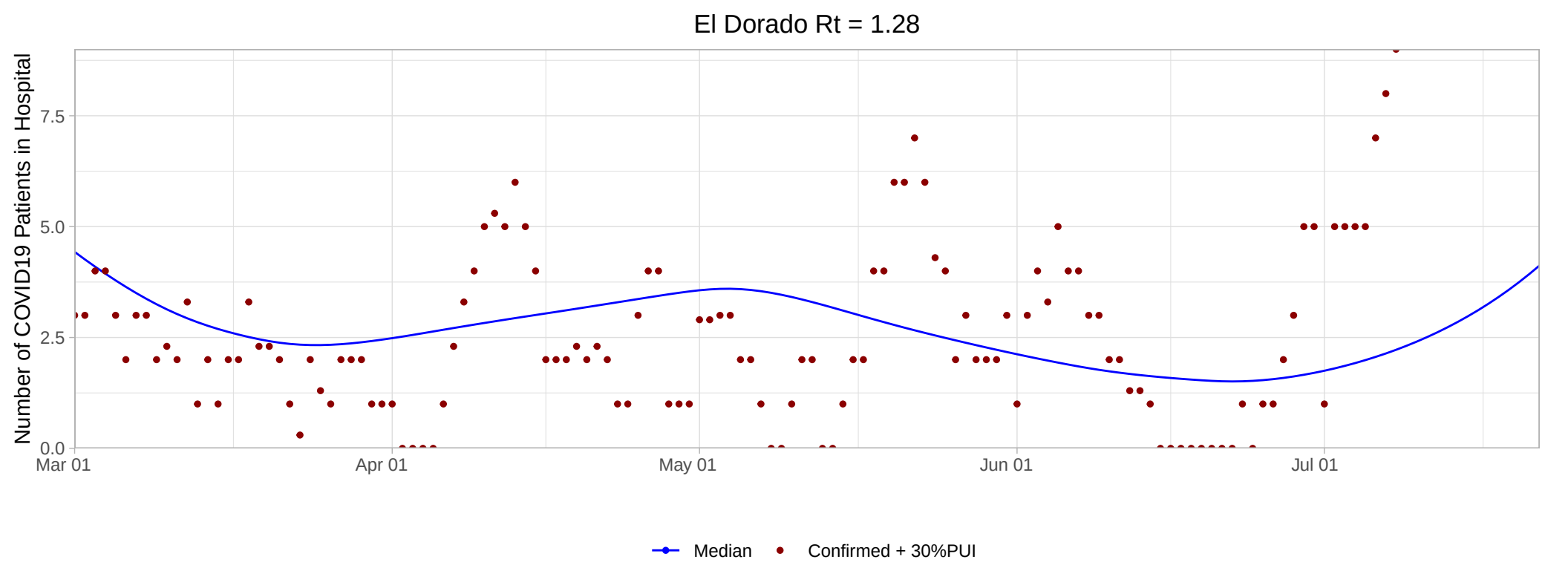
localepi.github.io/LEMMA



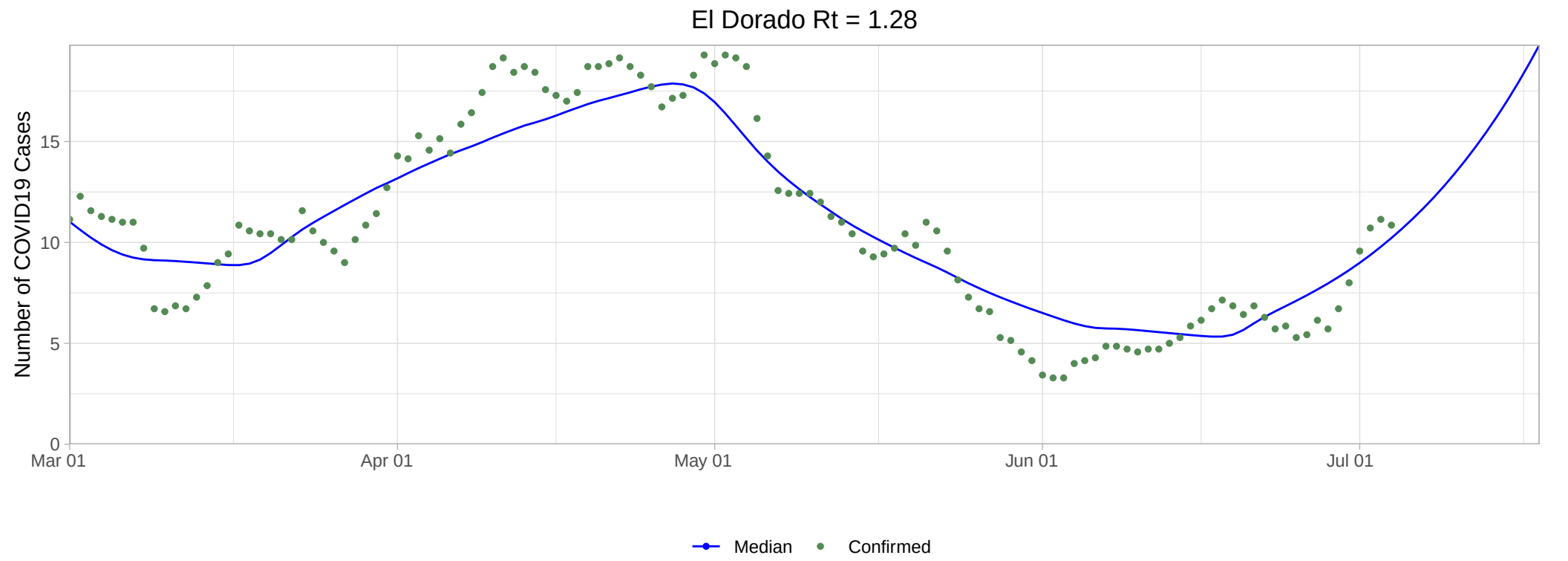
localepi.github.io/LEMMA


Yolo Rt = 1.17
Number of COVID19 Patients in Hospital
0
5
10
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

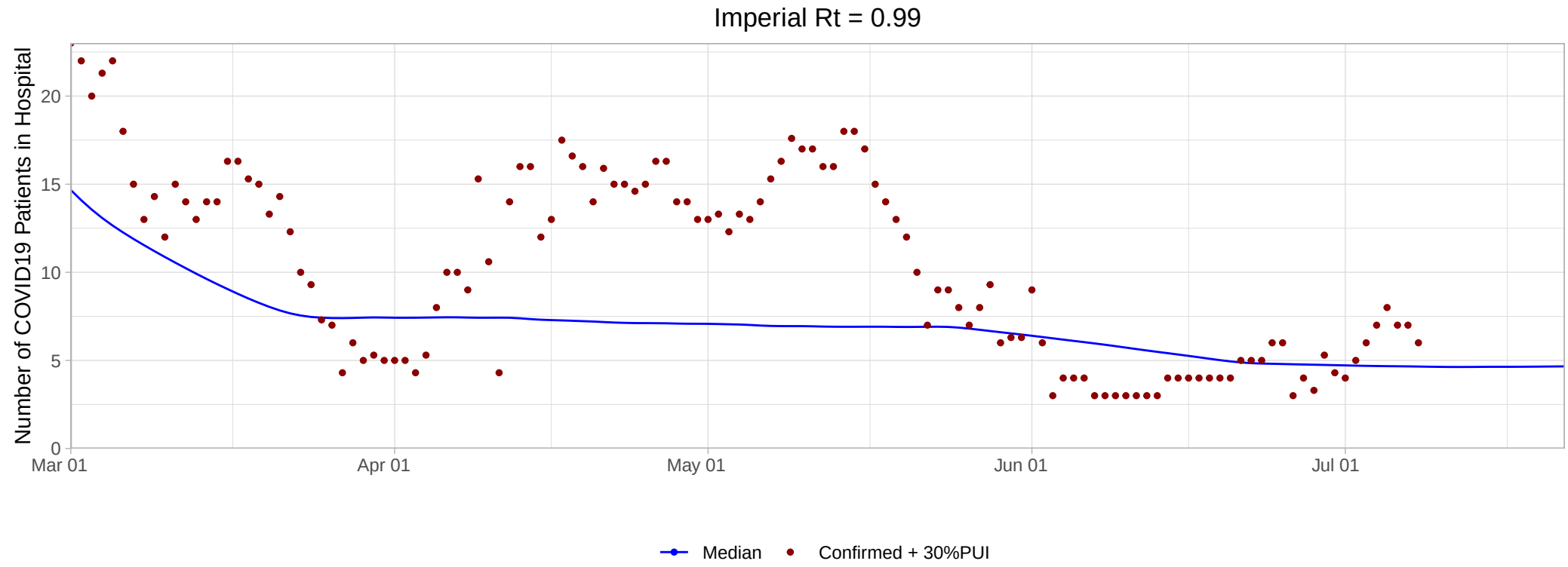

Yolo Rt = 1.17
Number of COVID19 Cases
0
10
20
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

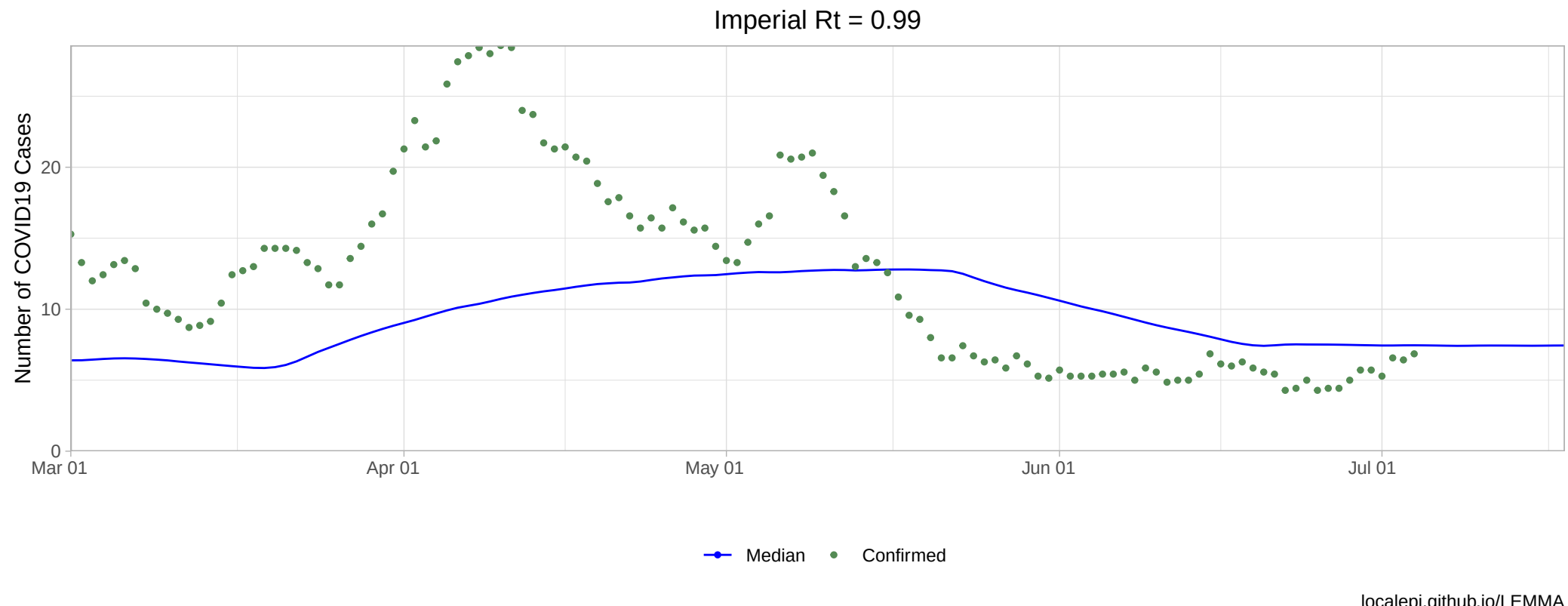


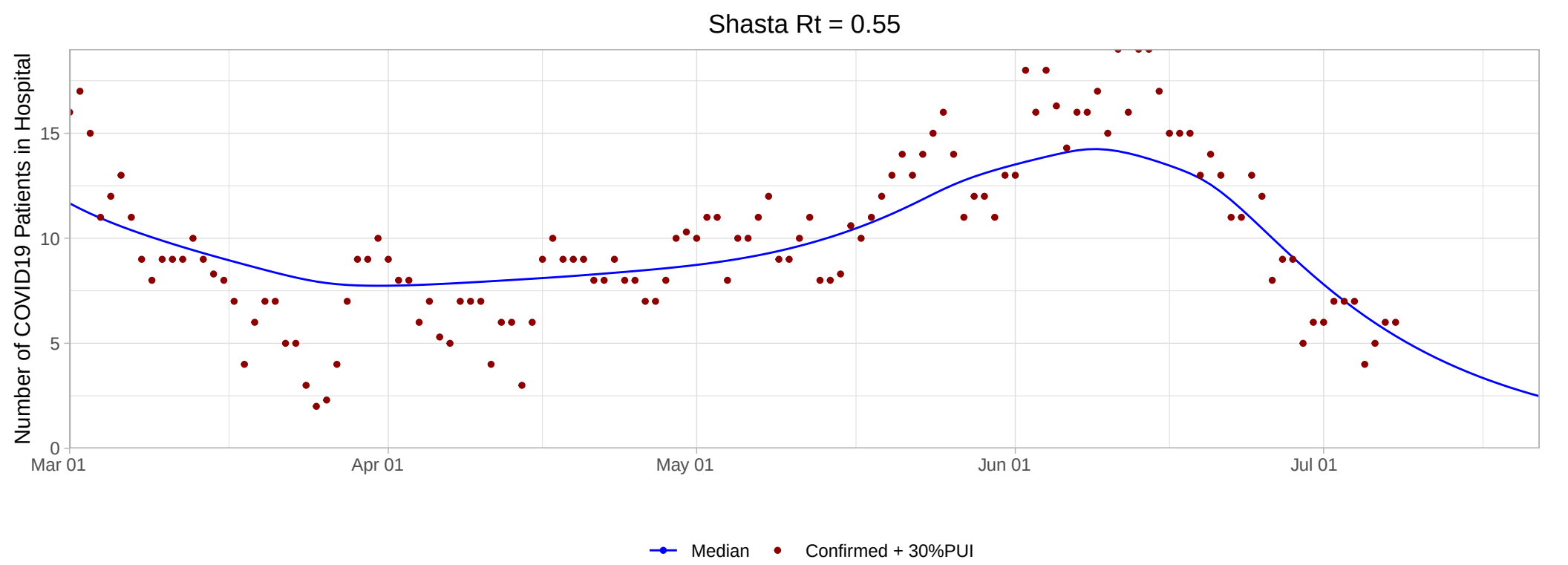
localepi.github.io/LEMMA

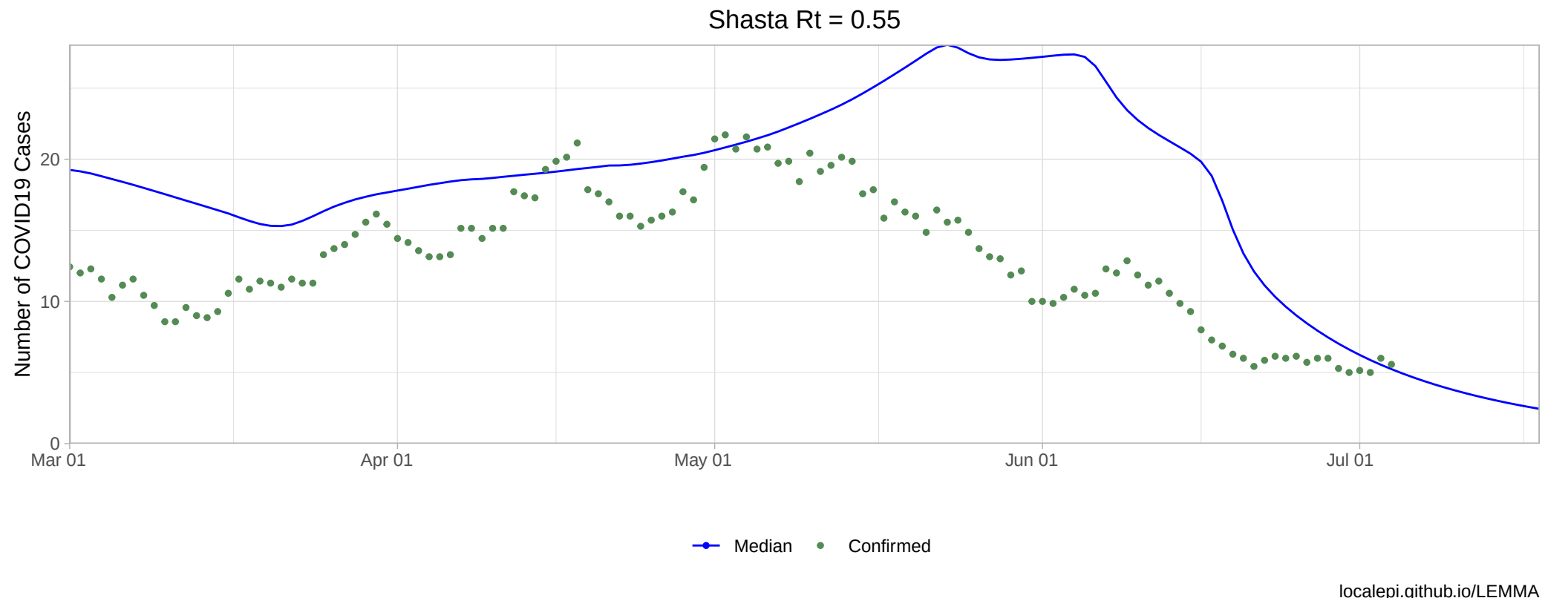


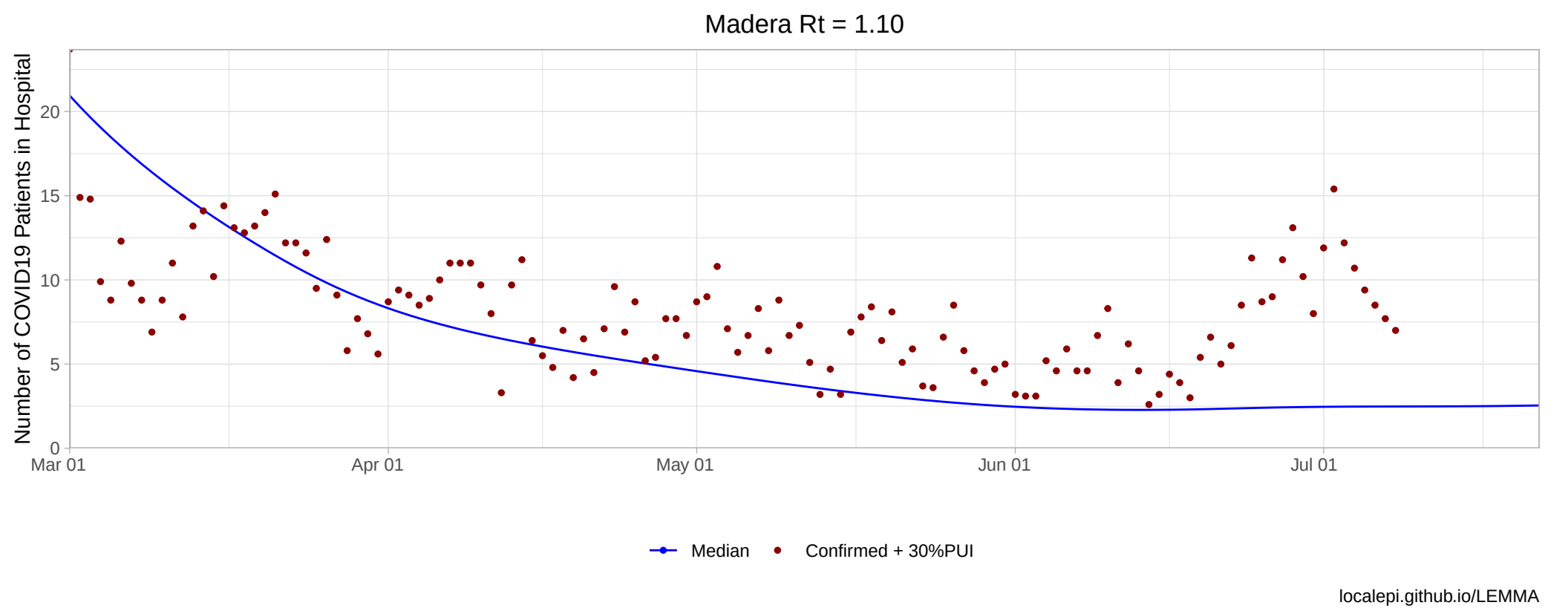
localepi.github.io/LEMMA

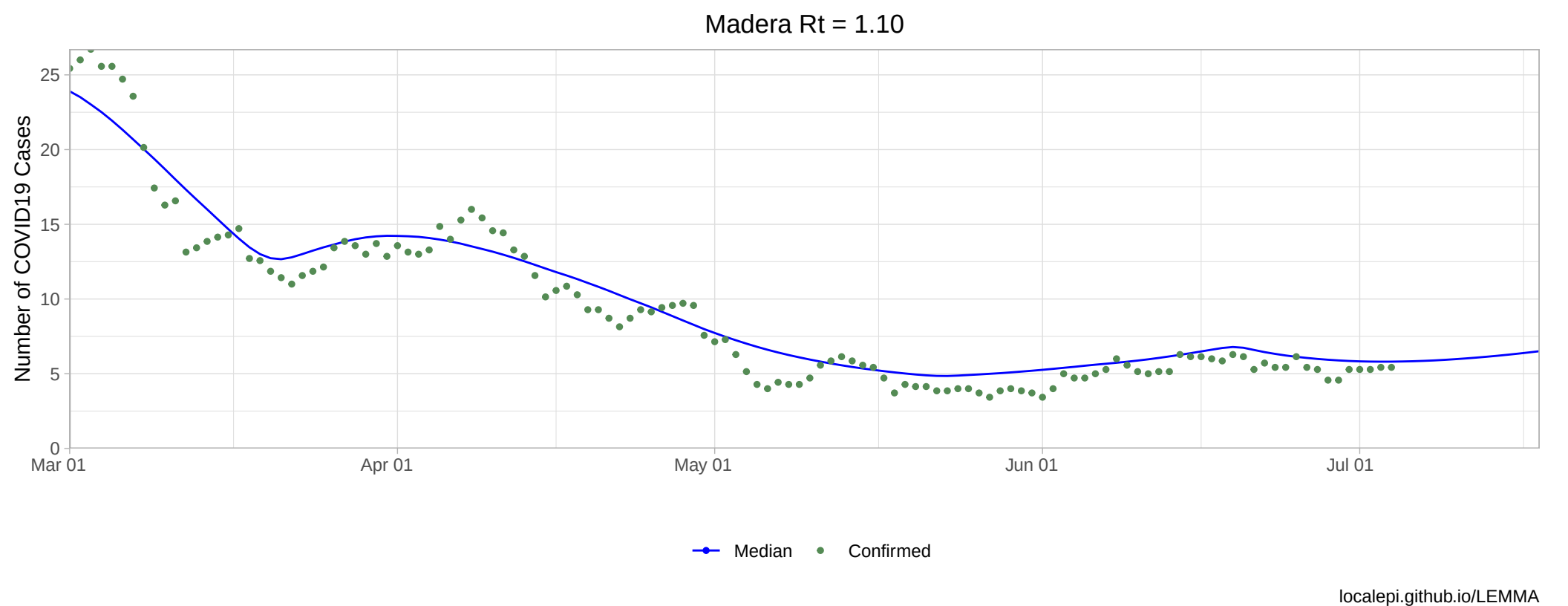

Imperial Rt = 0.99
Number of COVID19 Patients in Hospital
0
5
10
15
20
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

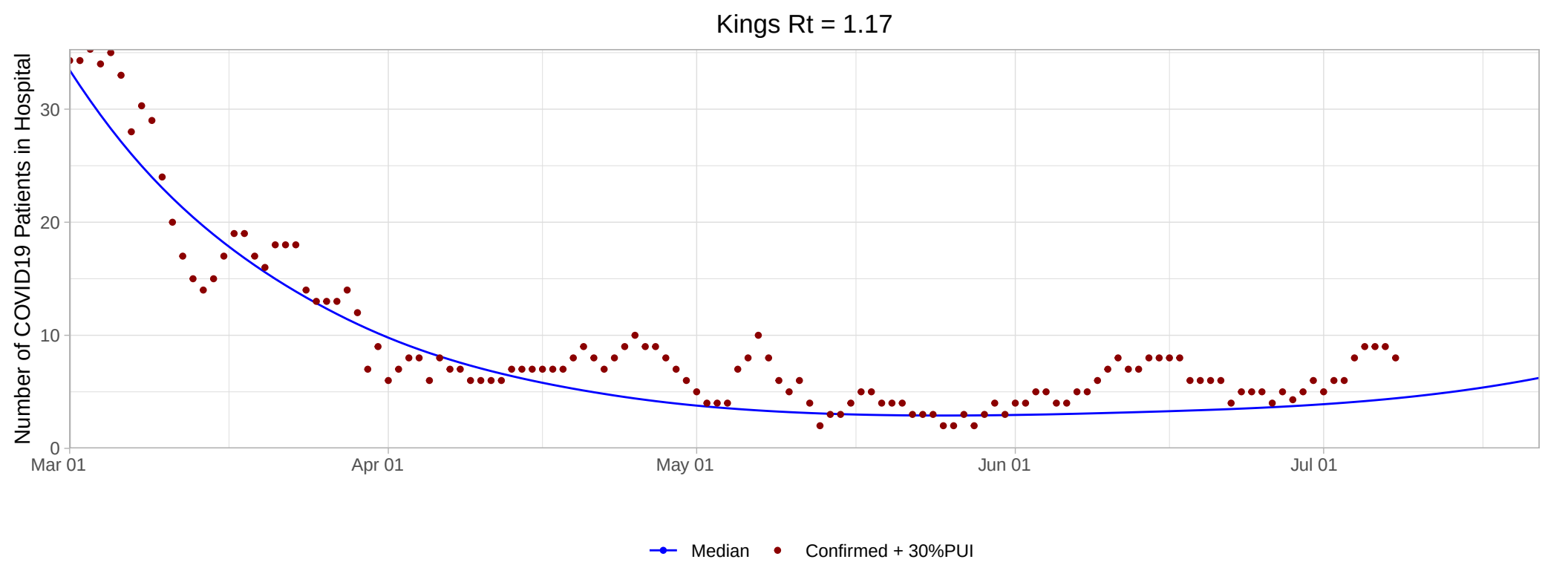

Imperial Rt = 0.99
Number of COVID19 Cases
0
10
20
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

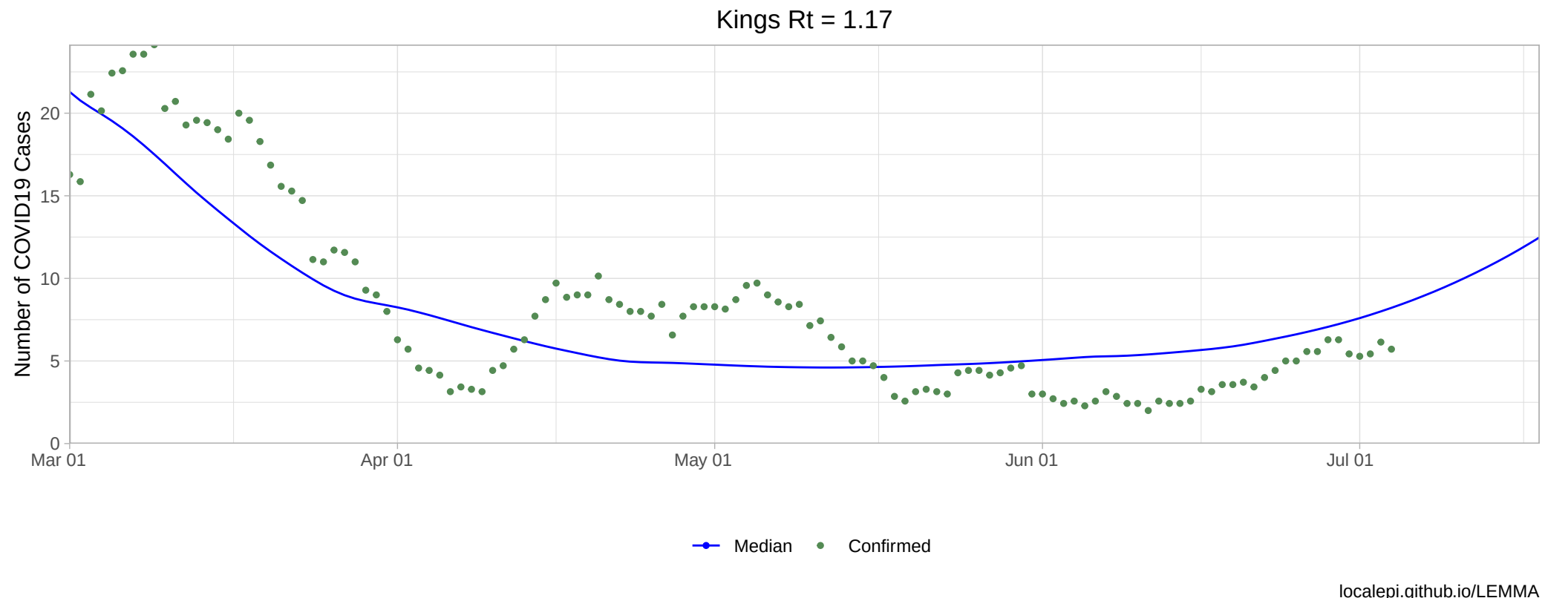

Shasta Rt = 0.55
Number of COVID19 Patients in Hospital
0
5
10
15
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

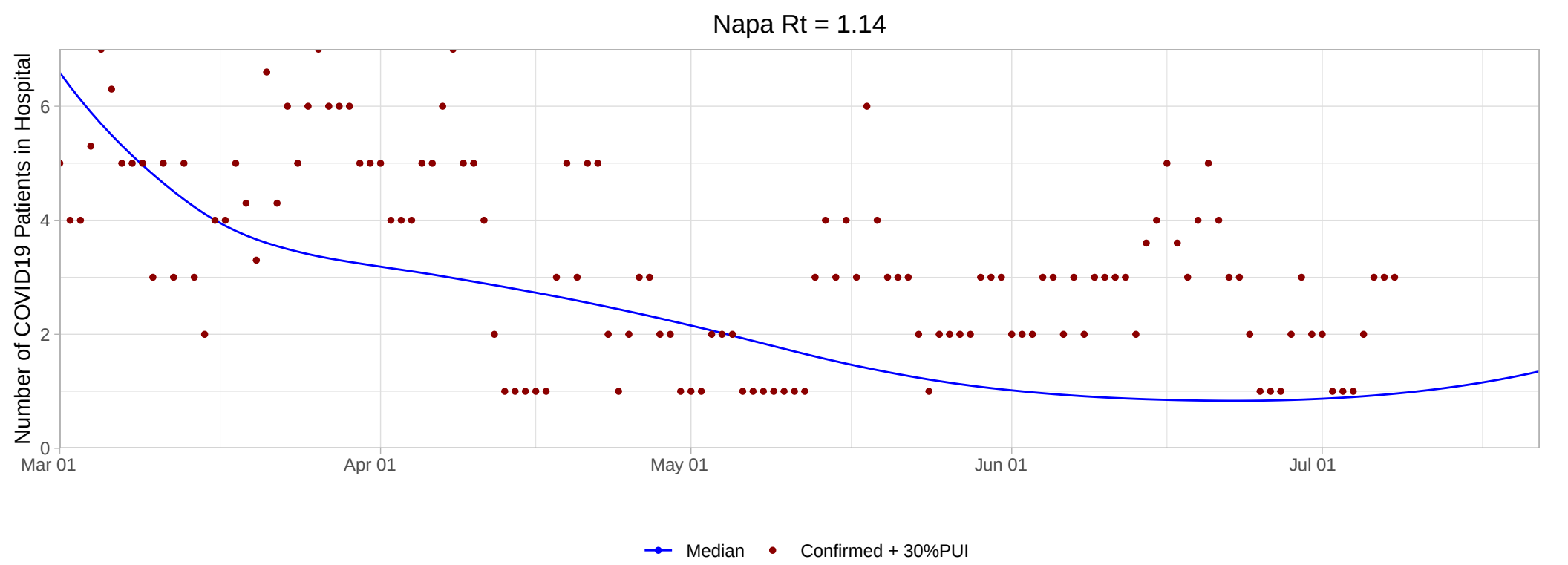

Shasta Rt = 0.55
Number of COVID19 Cases
0
10
20
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

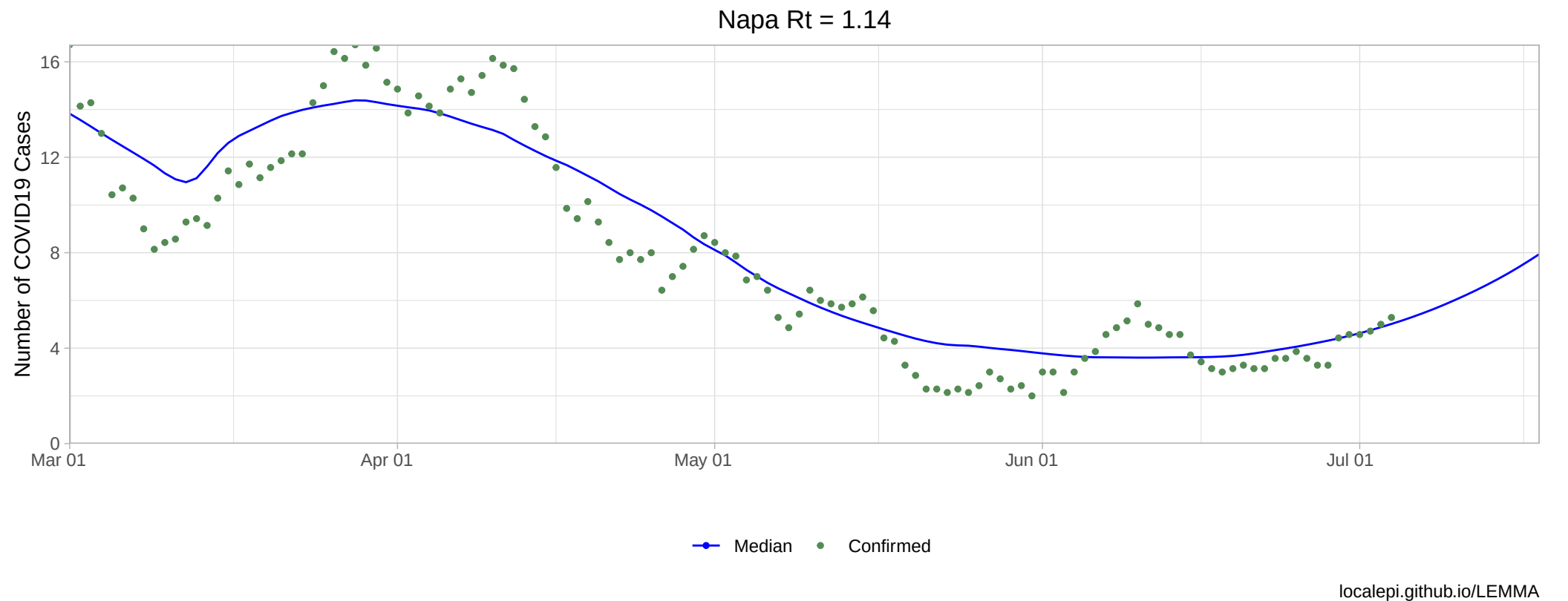

Madera Rt = 1.10
Number of COVID19 Patients in Hospital
0
5
10
15
20
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

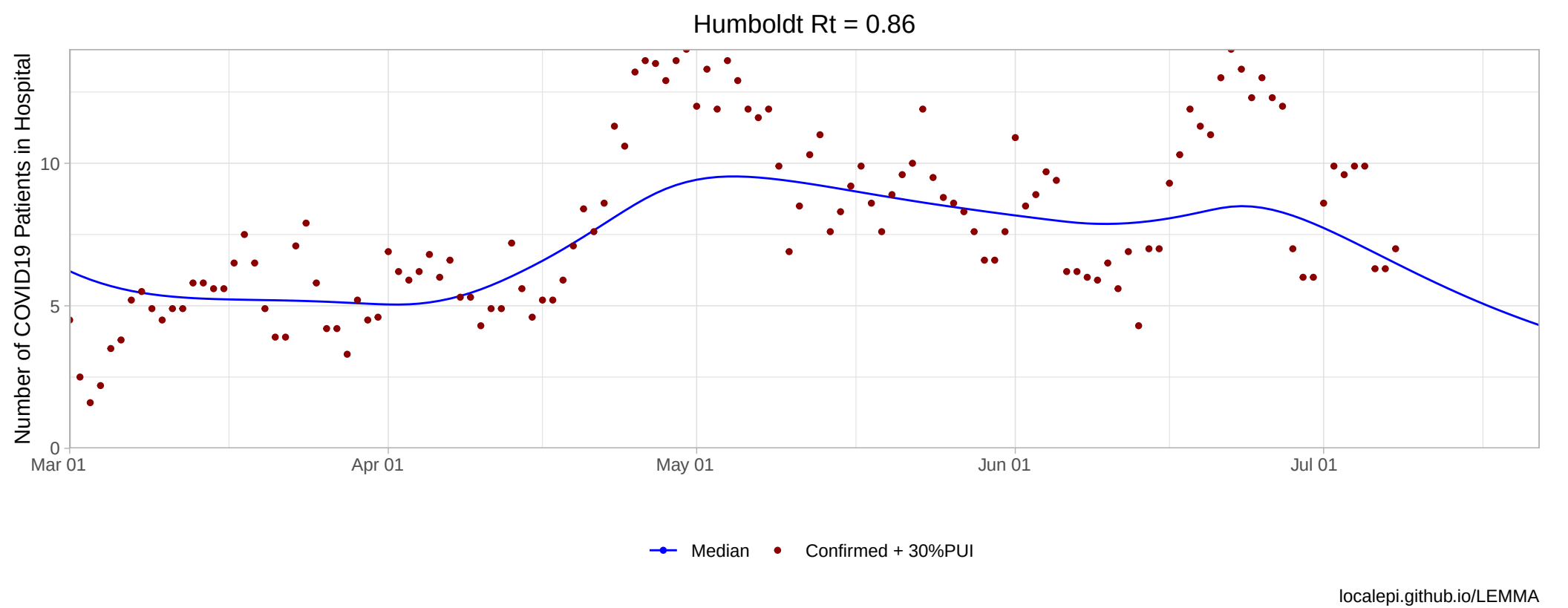

Madera Rt = 1.10
Number of COVID19 Cases
0
5
10
15
20
25
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

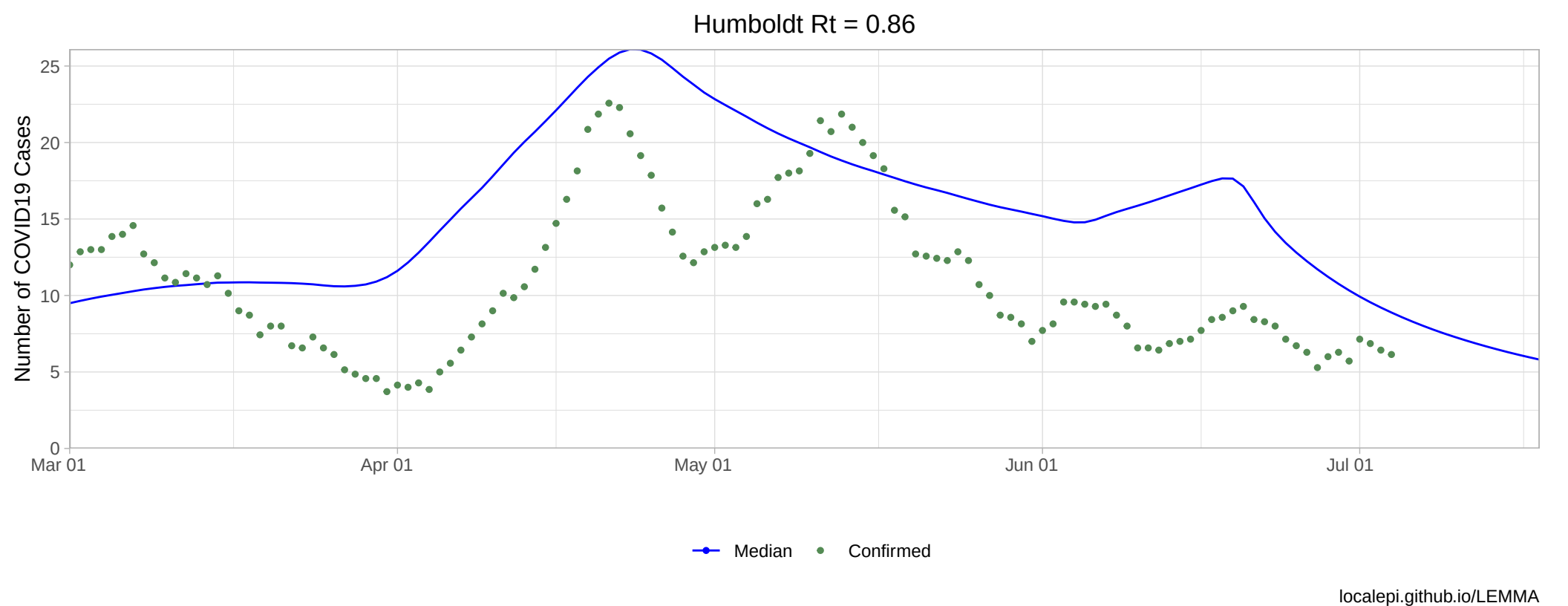

Kings Rt = 1.17
Number of COVID19 Patients in Hospital
0
10
20
30
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

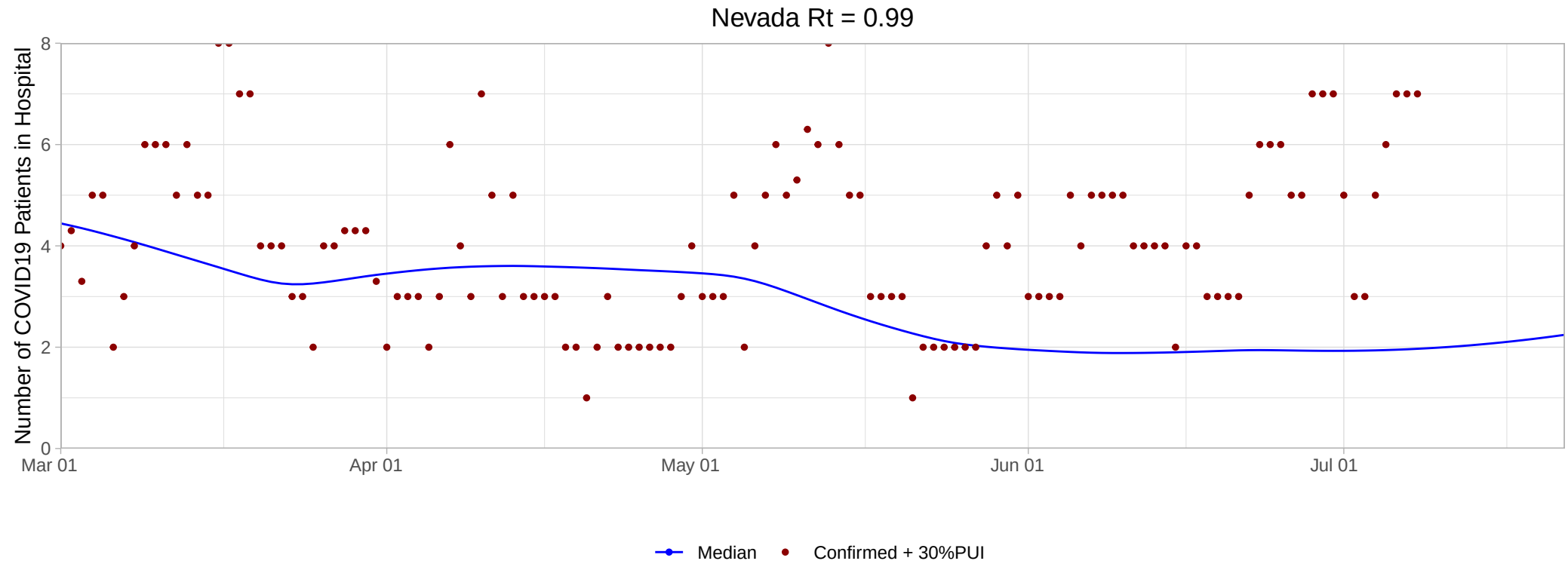

Kings Rt = 1.17
Number of COVID19 Cases
0
5
10
15
20
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Napa Rt = 1.14
Number of COVID19 Patients in Hospital
0
2
4
6
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

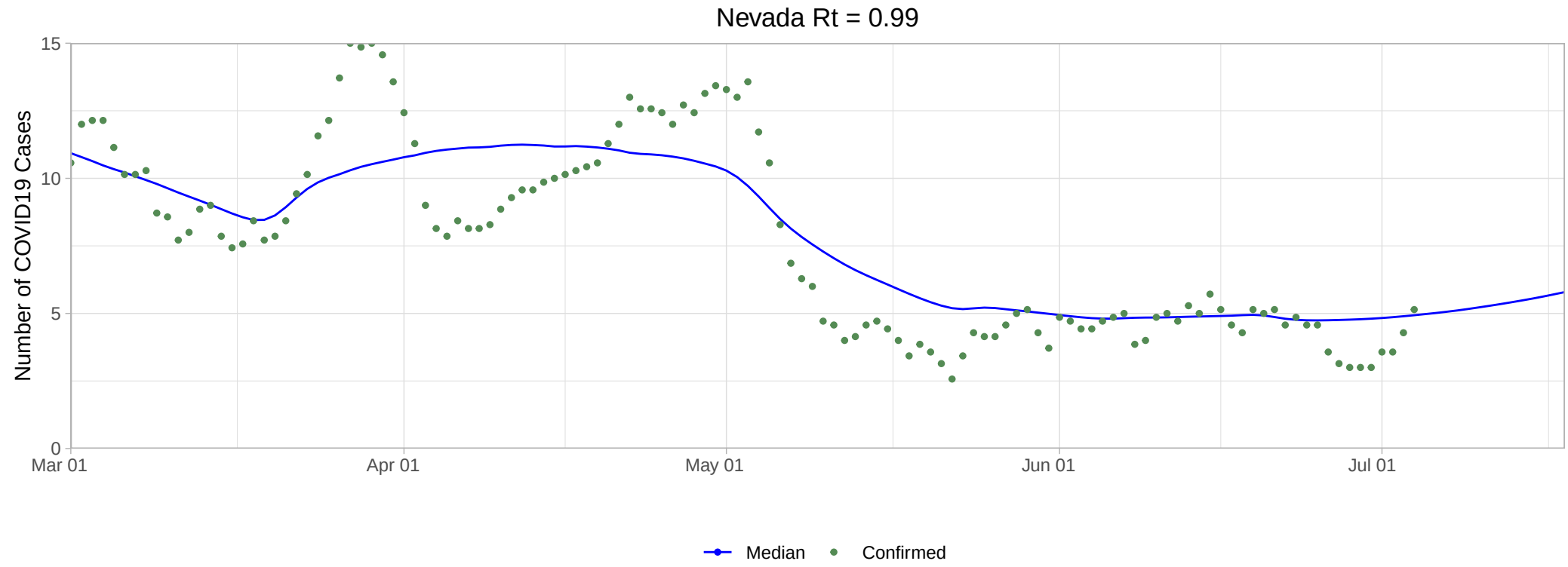

Napa Rt = 1.14
Number of COVID19 Cases
0
4
8
12
16
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Humboldt Rt = 0.86
Number of COVID19 Patients in Hospital
0
5
10
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

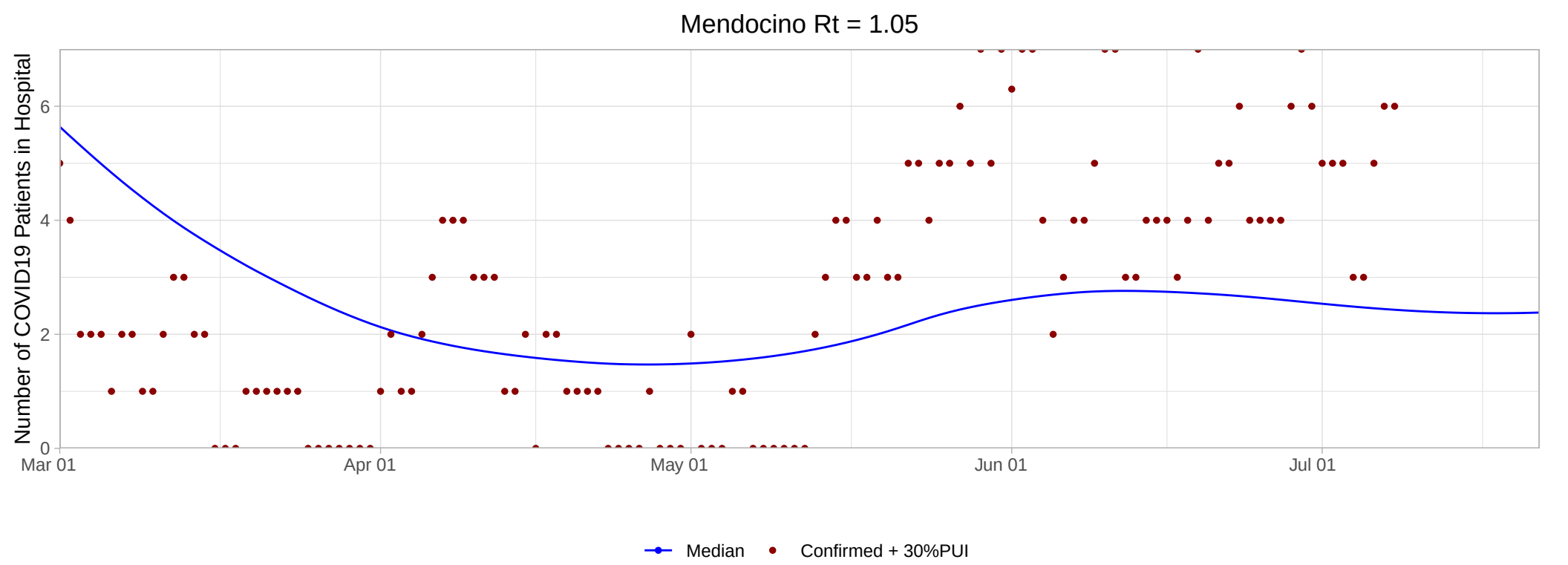

Humboldt Rt = 0.86
Number of COVID19 Cases
0
5
10
15
20
25
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

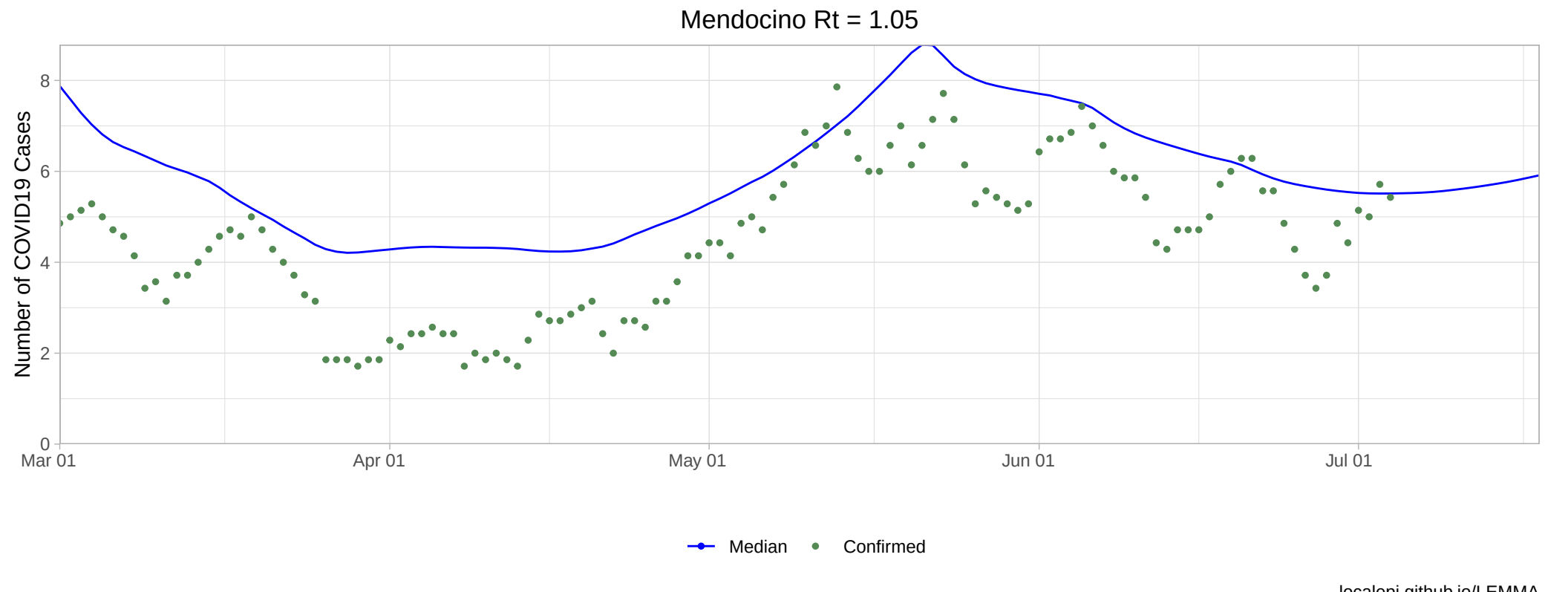


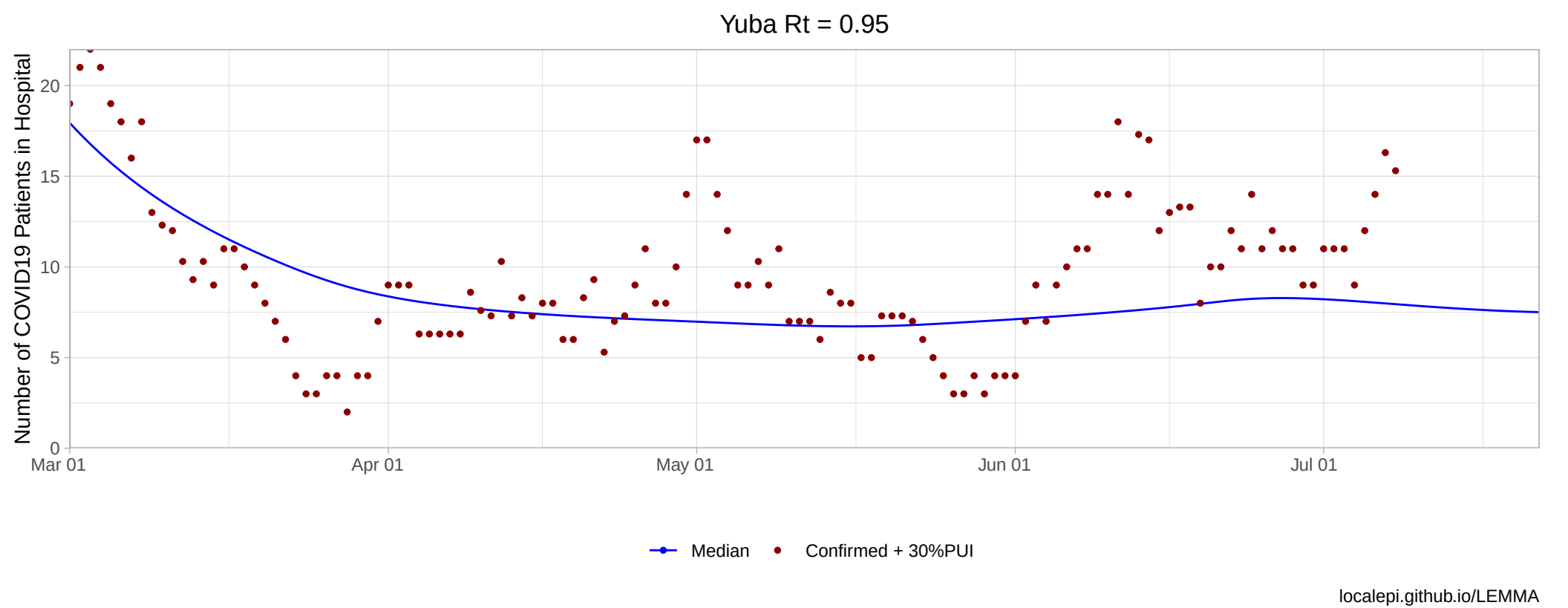
localepi.github.io/LEMMA

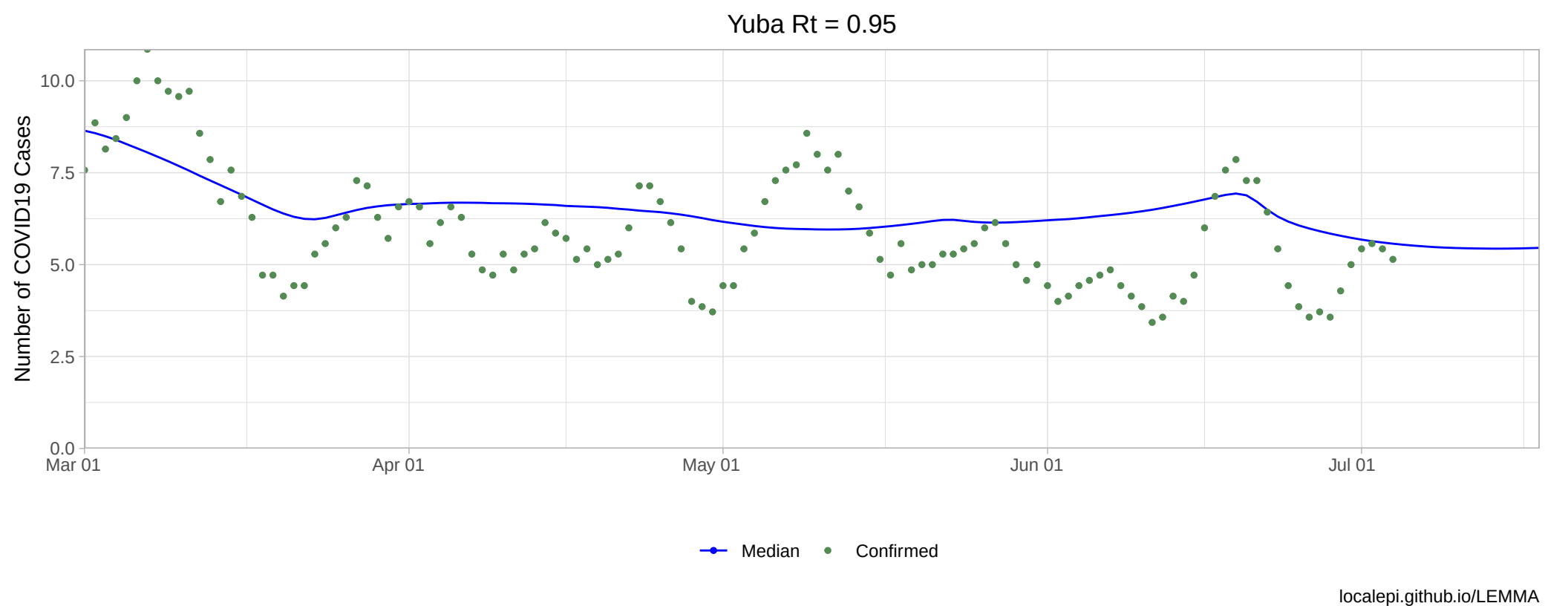


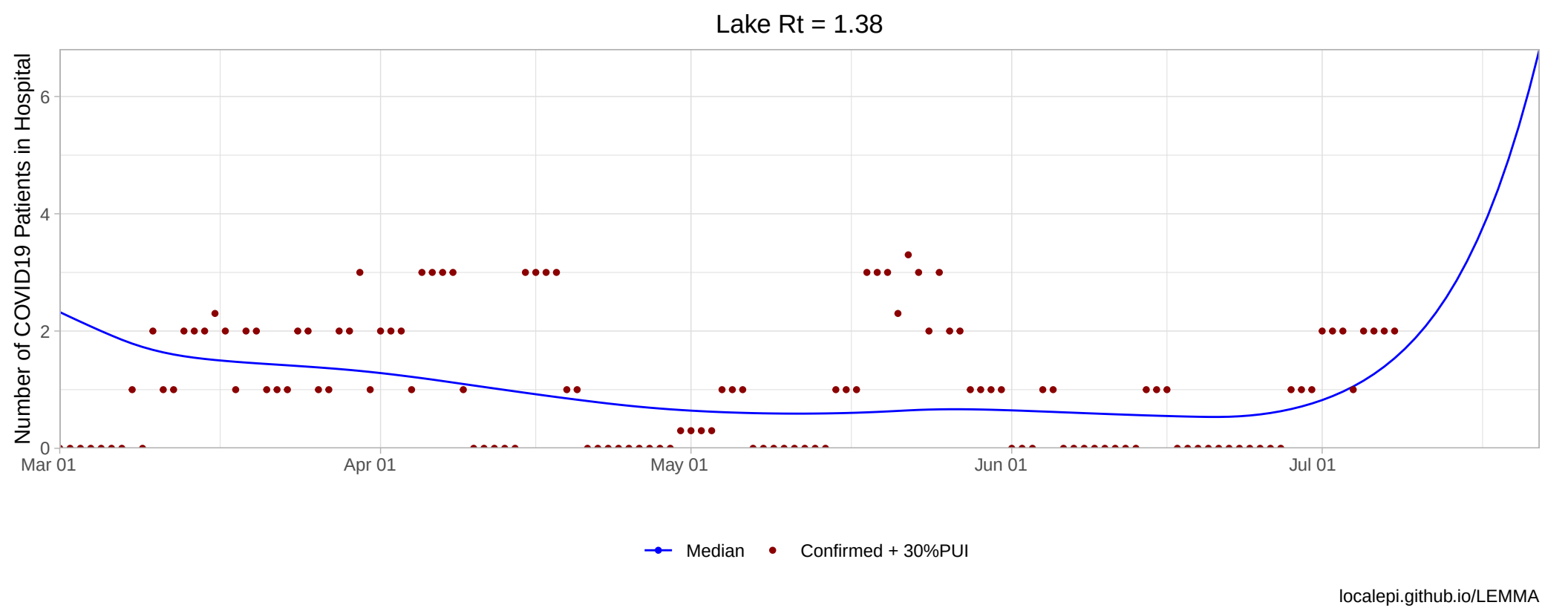
localepi.github.io/LEMMA

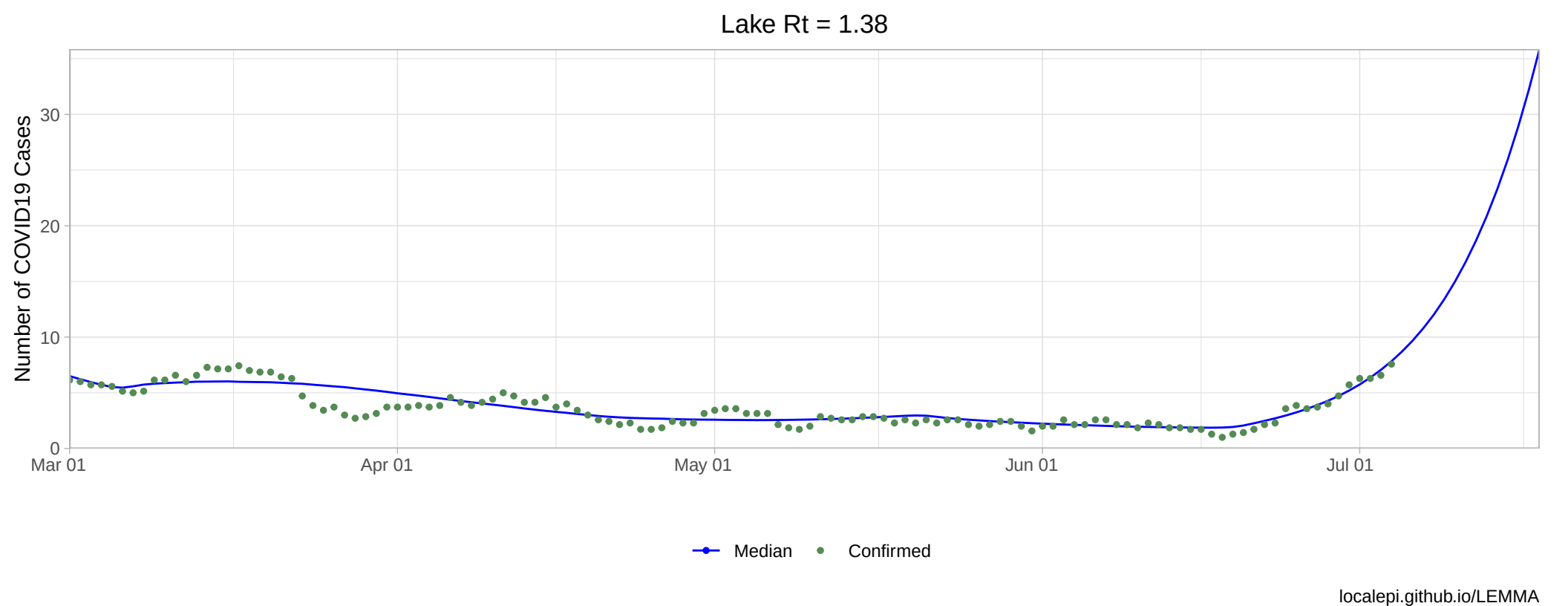

Mendocino Rt = 1.05
Number of COVID19 Patients in Hospital
0
2
4
6
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

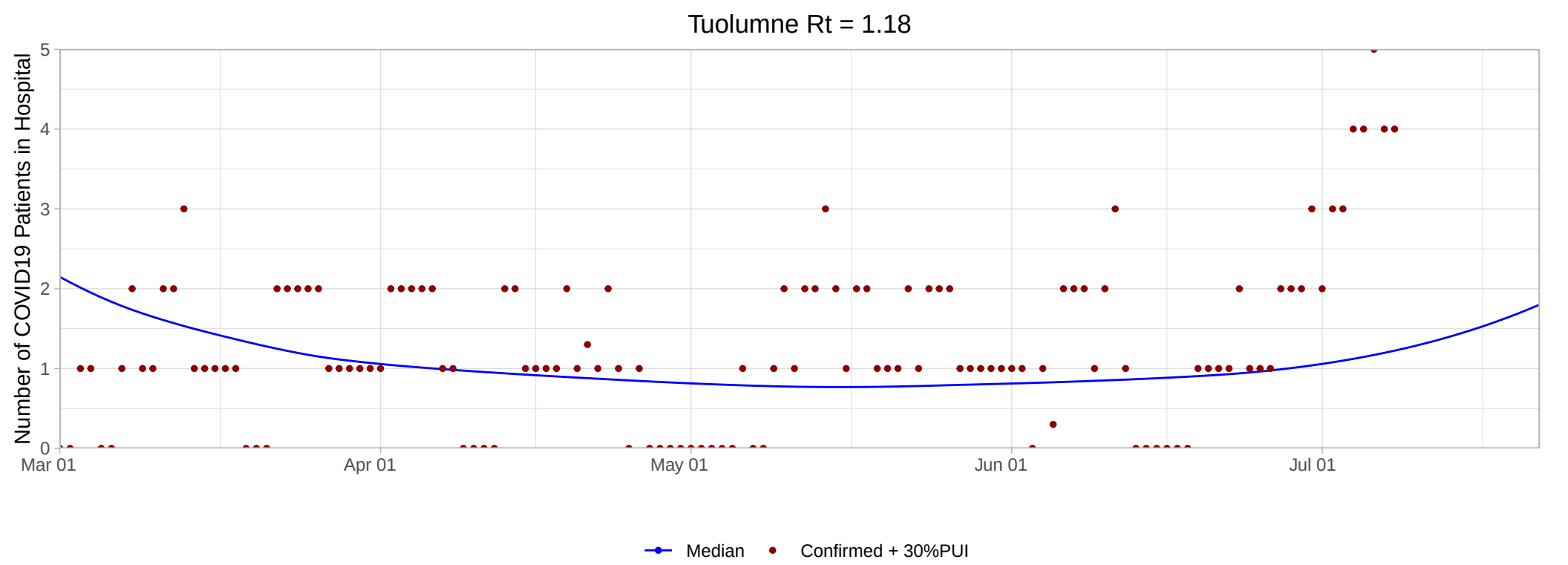

Mendocino Rt = 1.05
Number of COVID19 Cases
0
2
4
6
8
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

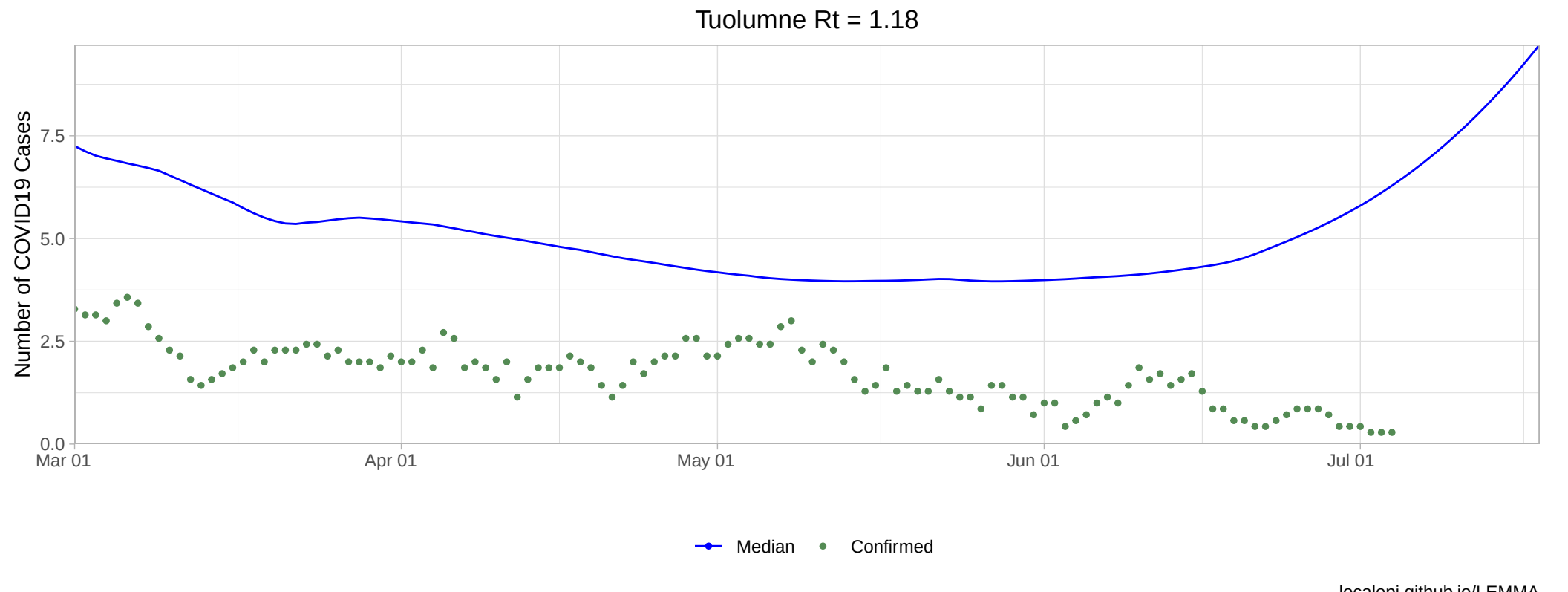

Yuba Rt = 0.95
Number of COVID19 Patients in Hospital
0
5
10
15
20
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

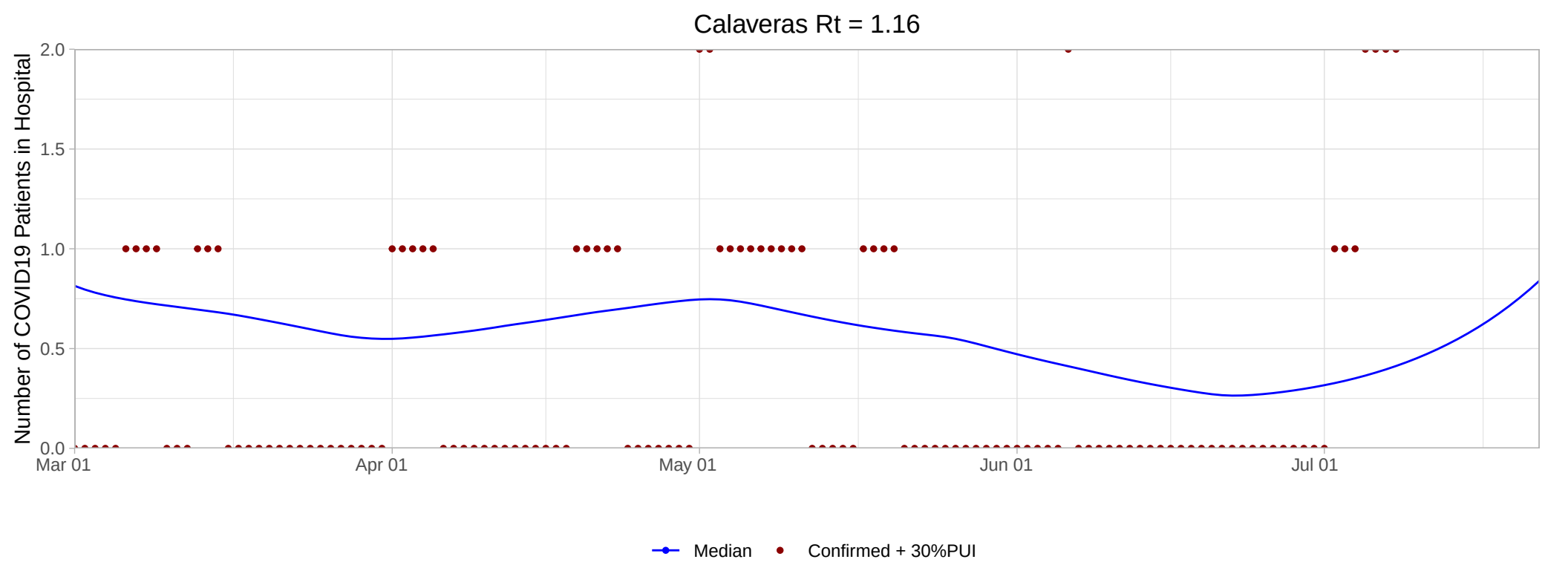

Yuba Rt = 0.95
Number of COVID19 Cases
0.0
2.5
5.0
7.5
10.0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

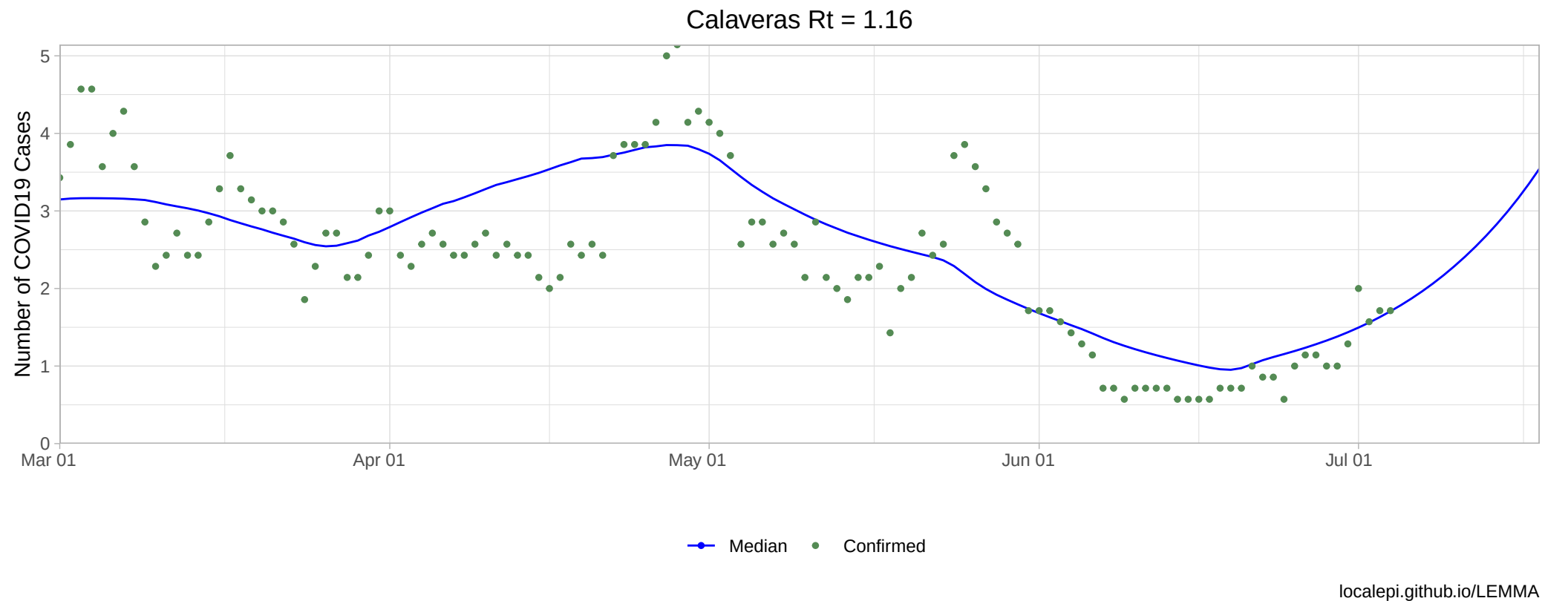

Lake Rt = 1.38
Number of COVID19 Patients in Hospital
0
2
4
6
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

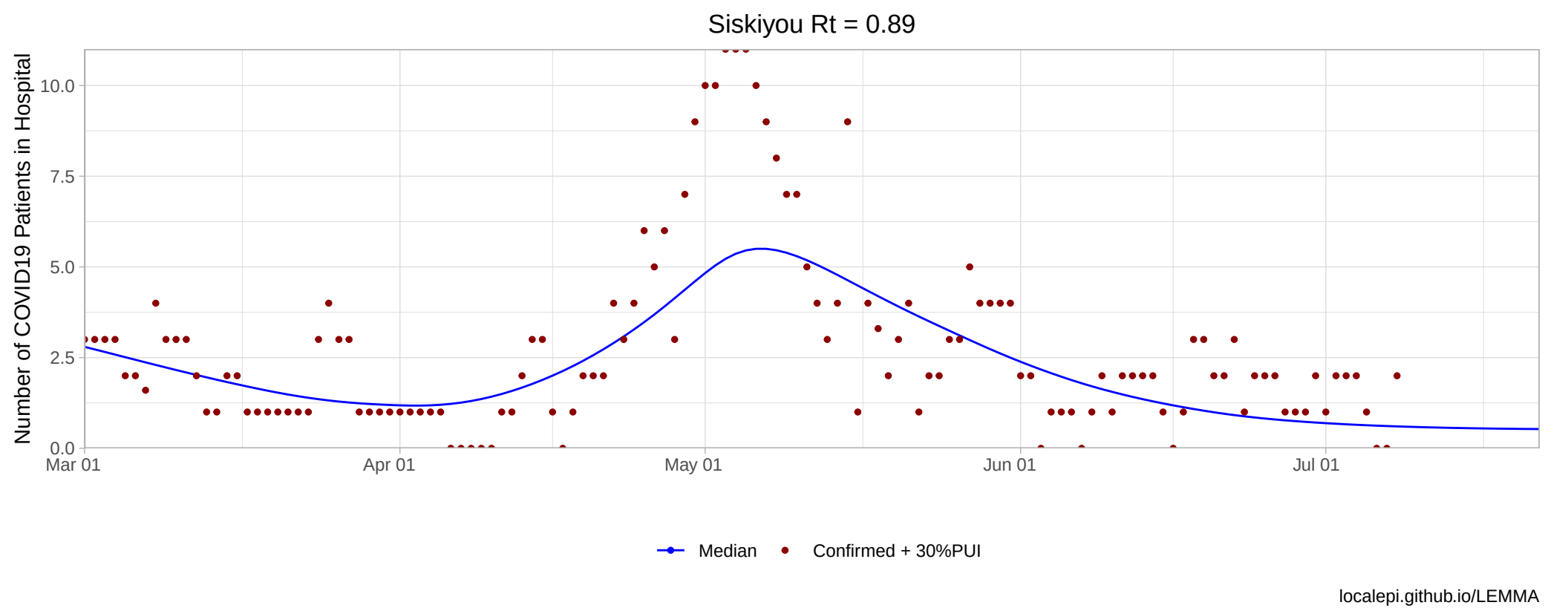

Lake Rt = 1.38
Number of COVID19 Cases
0
10
20
30
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

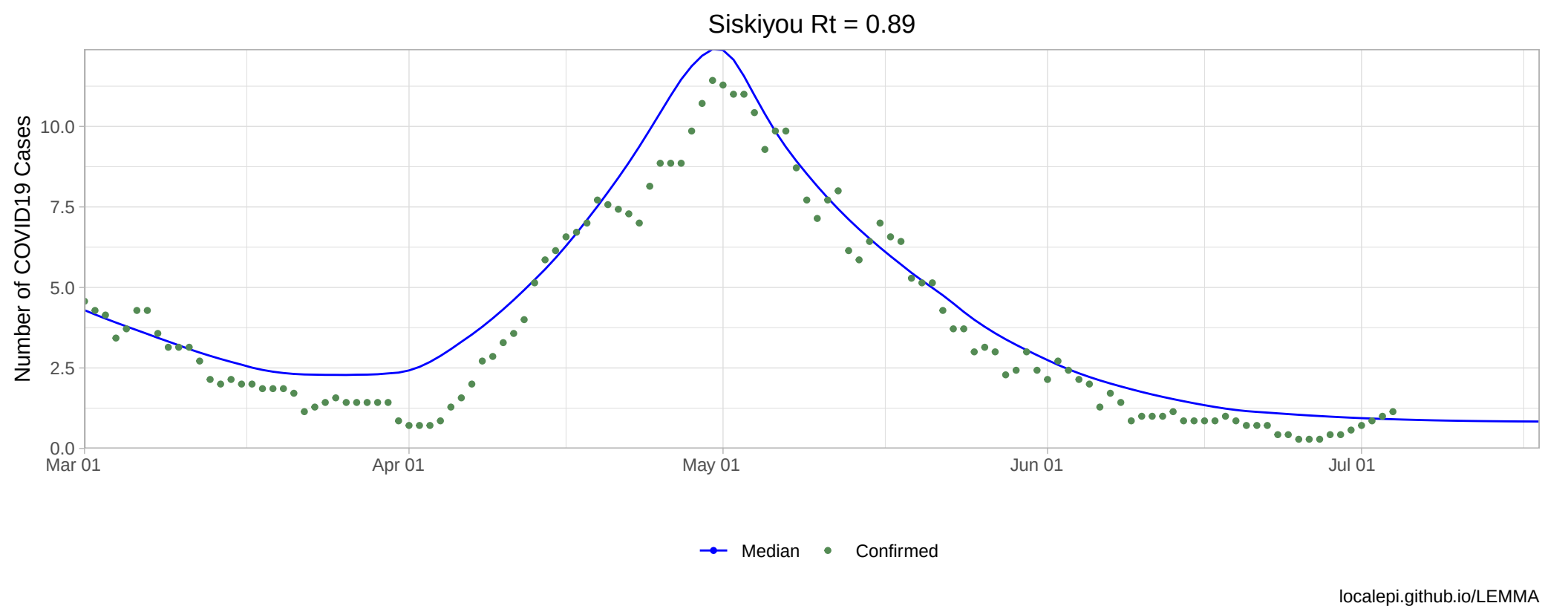

Tuolumne Rt = 1.18
Number of COVID19 Patients in Hospital
0
1
2
3
4
5
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

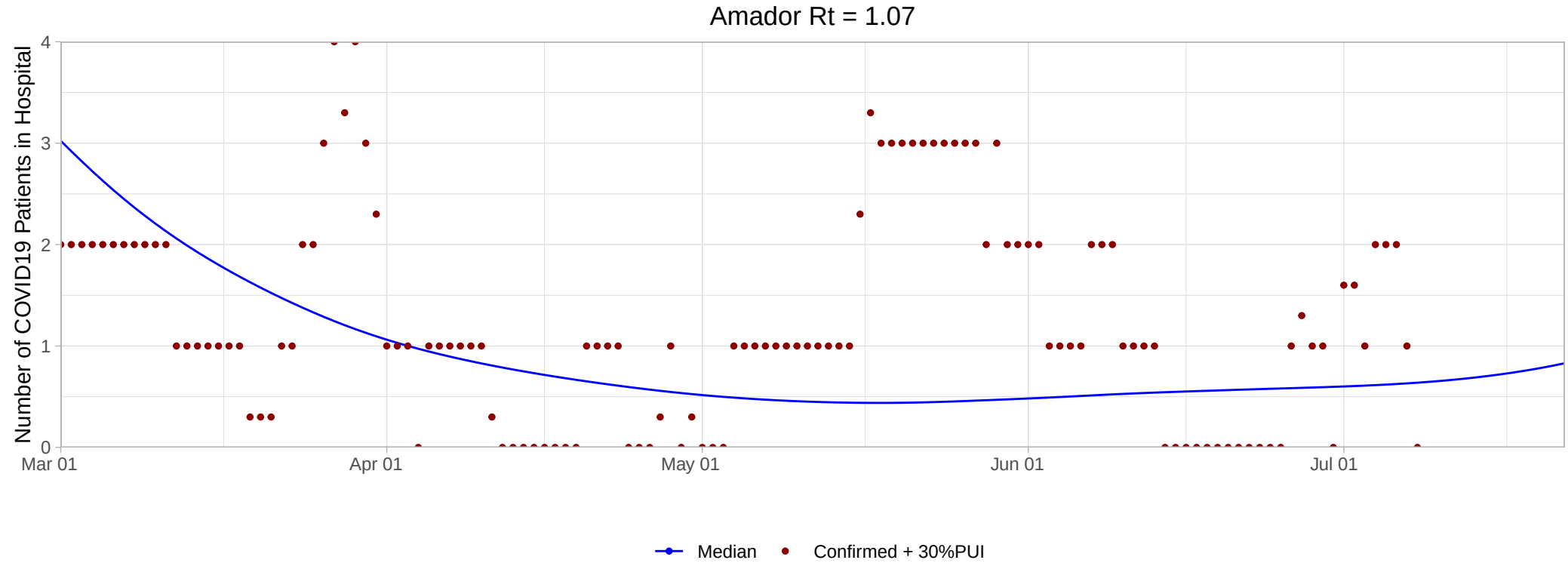

Tuolumne Rt = 1.18
Number of COVID19 Cases
0.0
2.5
5.0
7.5
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

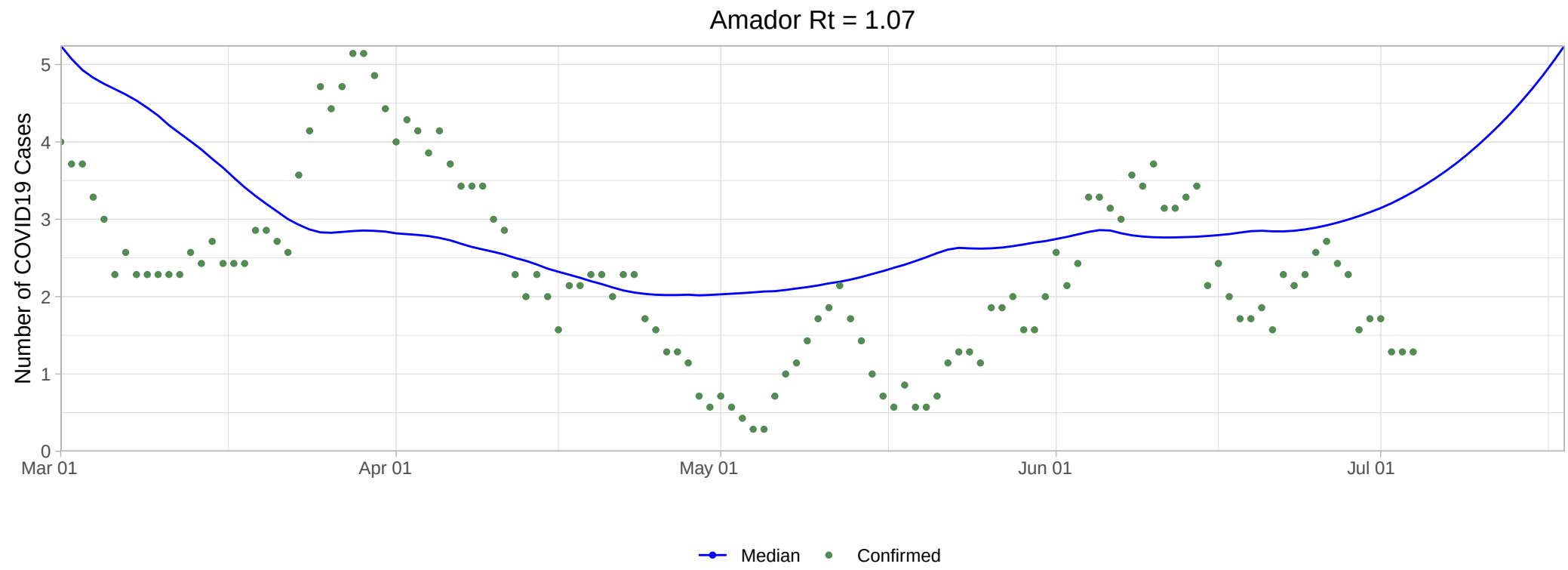

Calaveras Rt = 1.16
Number of COVID19 Patients in Hospital
2.0
1.5
1.0
0.5
0.0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

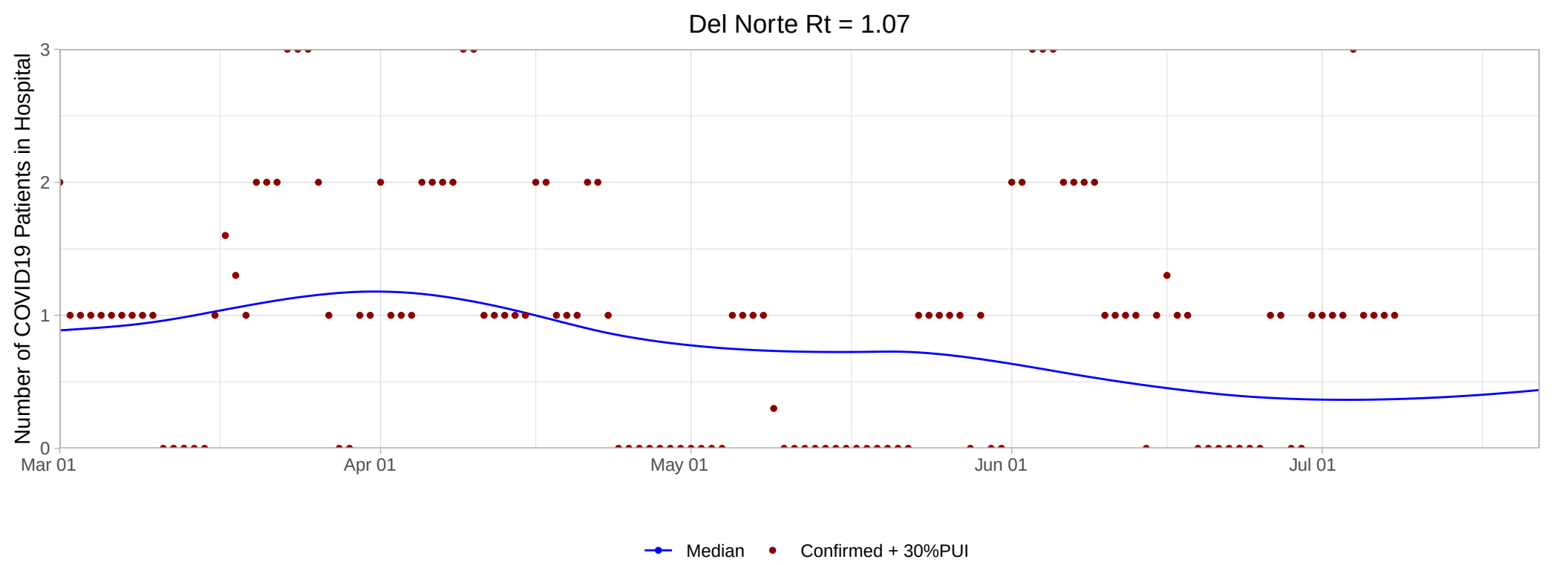

Calaveras Rt = 1.16
Number of COVID19 Cases
5
4
3
2
1
0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

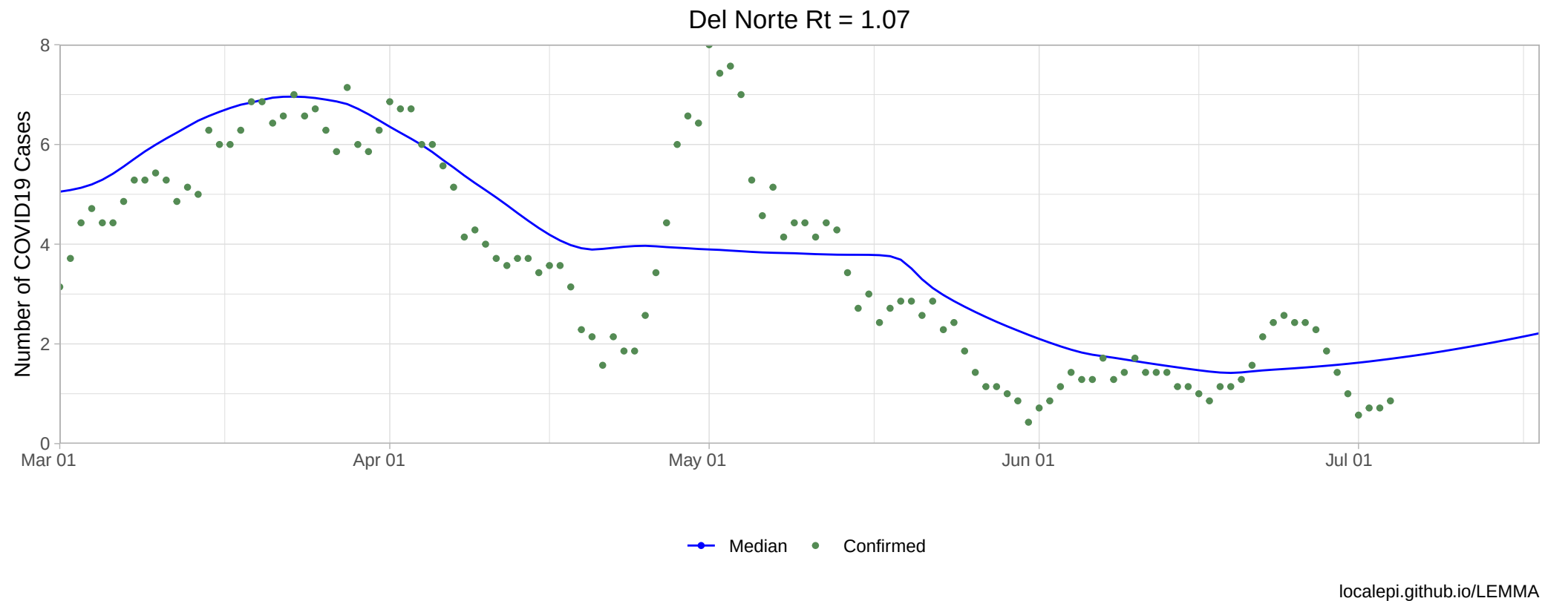

Siskiyou Rt = 0.89
Number of COVID19 Patients in Hospital
10.0
7.5
5.0
2.5
0.0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA

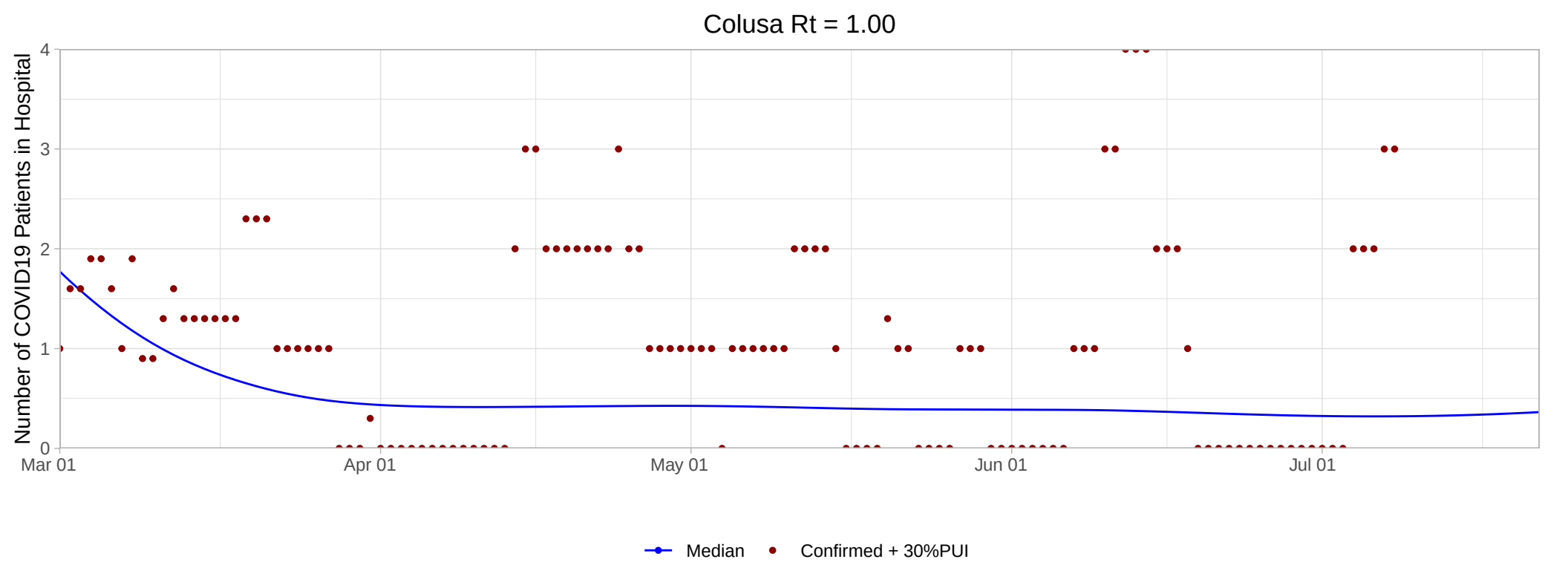

Siskiyou Rt = 0.89
Number of COVID19 Cases
10.0
7.5
5.0
2.5
0.0
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA

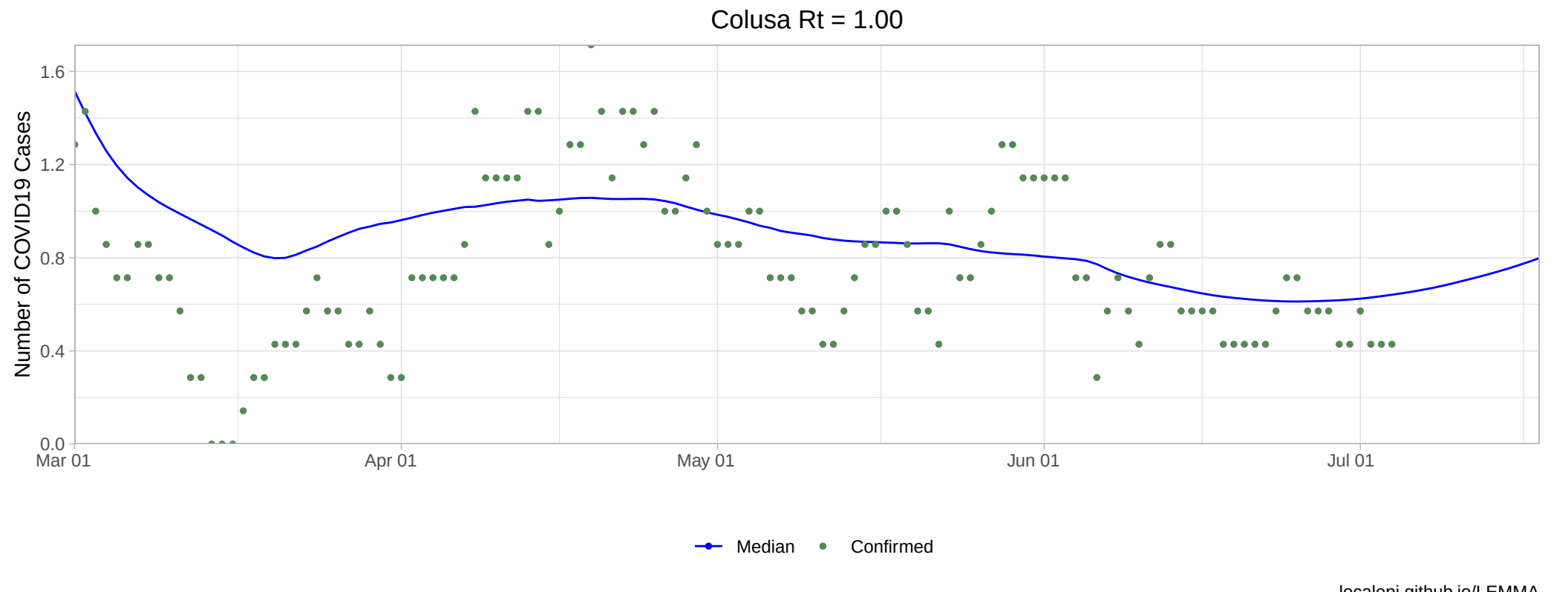

Amador Rt = 1.07
Number of COVID19 Patients in Hospital
0
1
2
3
4
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA


Amador Rt = 1.07
Number of COVID19 Cases
0
1
2
3
4
5
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Del Norte Rt = 1.07
Number of COVID19 Patients in Hospital
0
1
2
3
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA


Del Norte Rt = 1.07
Number of COVID19 Cases
0
2
4
6
8
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA


Colusa Rt = 1.00
Number of COVID19 Patients in Hospital
0
1
2
3
4
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed + 30%PUI
localepi.github.io/LEMMA


Colusa Rt = 1.00
Number of COVID19 Cases
0.0
0.4
0.8
1.2
1.6
Mar 01
Apr 01
May 01
Jun 01
Jul 01
Median
Confirmed
localepi.github.io/LEMMA