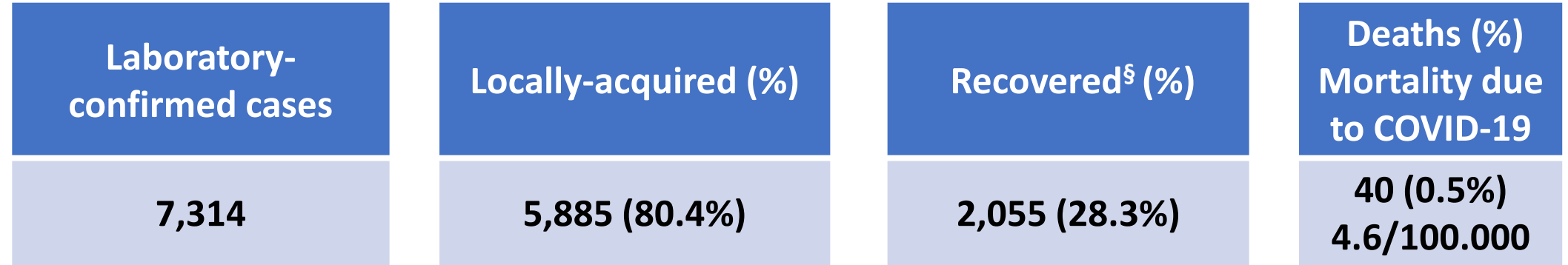


Coronavirus Disease 2019 (COVID-19) in Cyprus

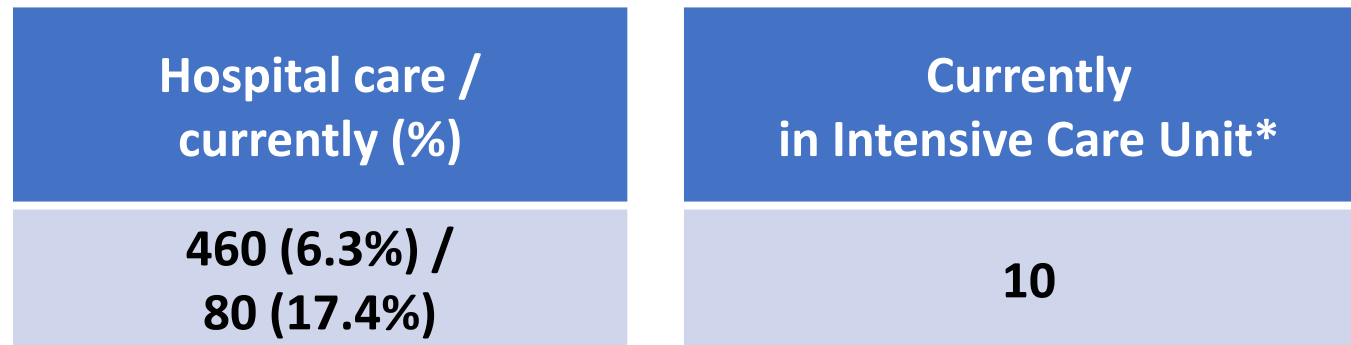
Surveillance Report as of 16/11/2020

Nicosia 20/11/2020

Data in brief (as of 16/11/2020)

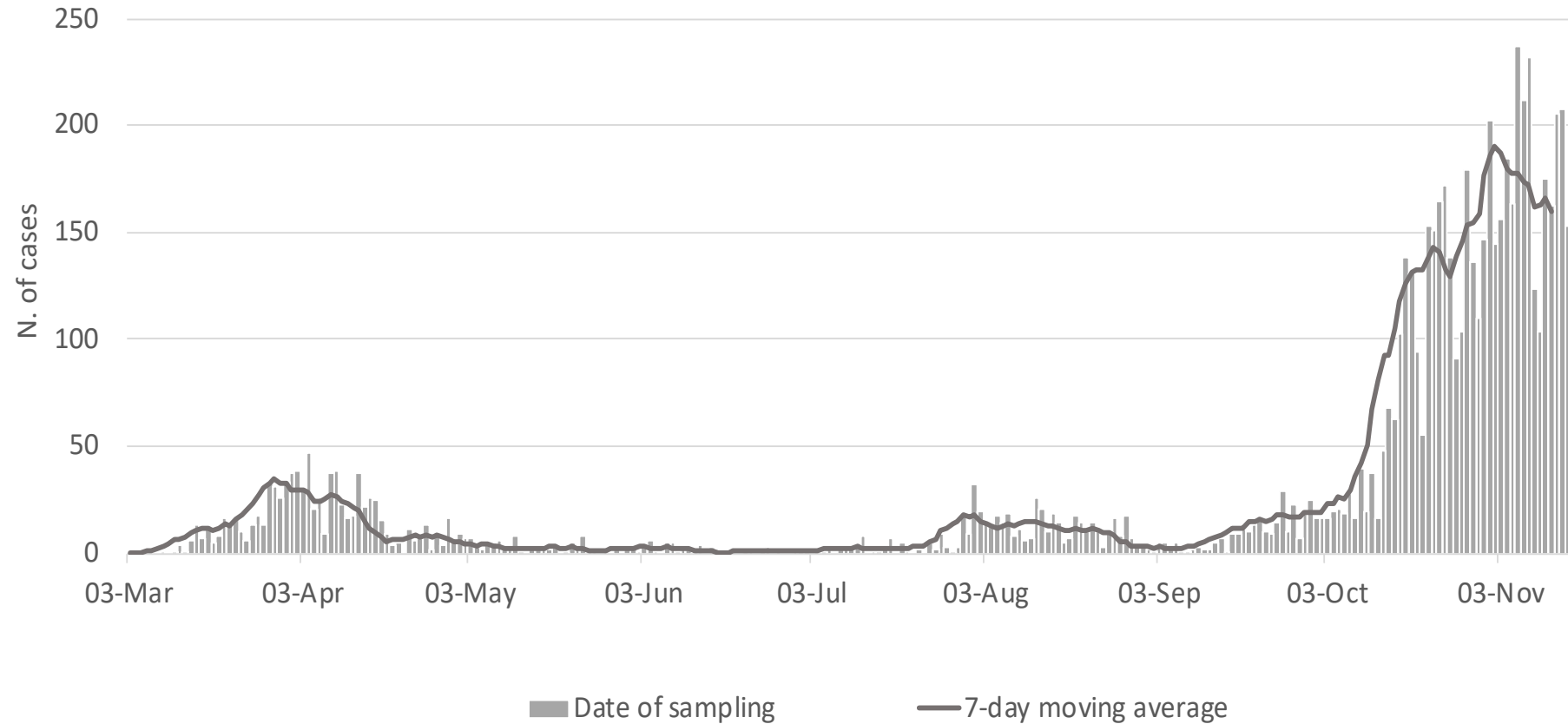


§Among 7263 cases alive

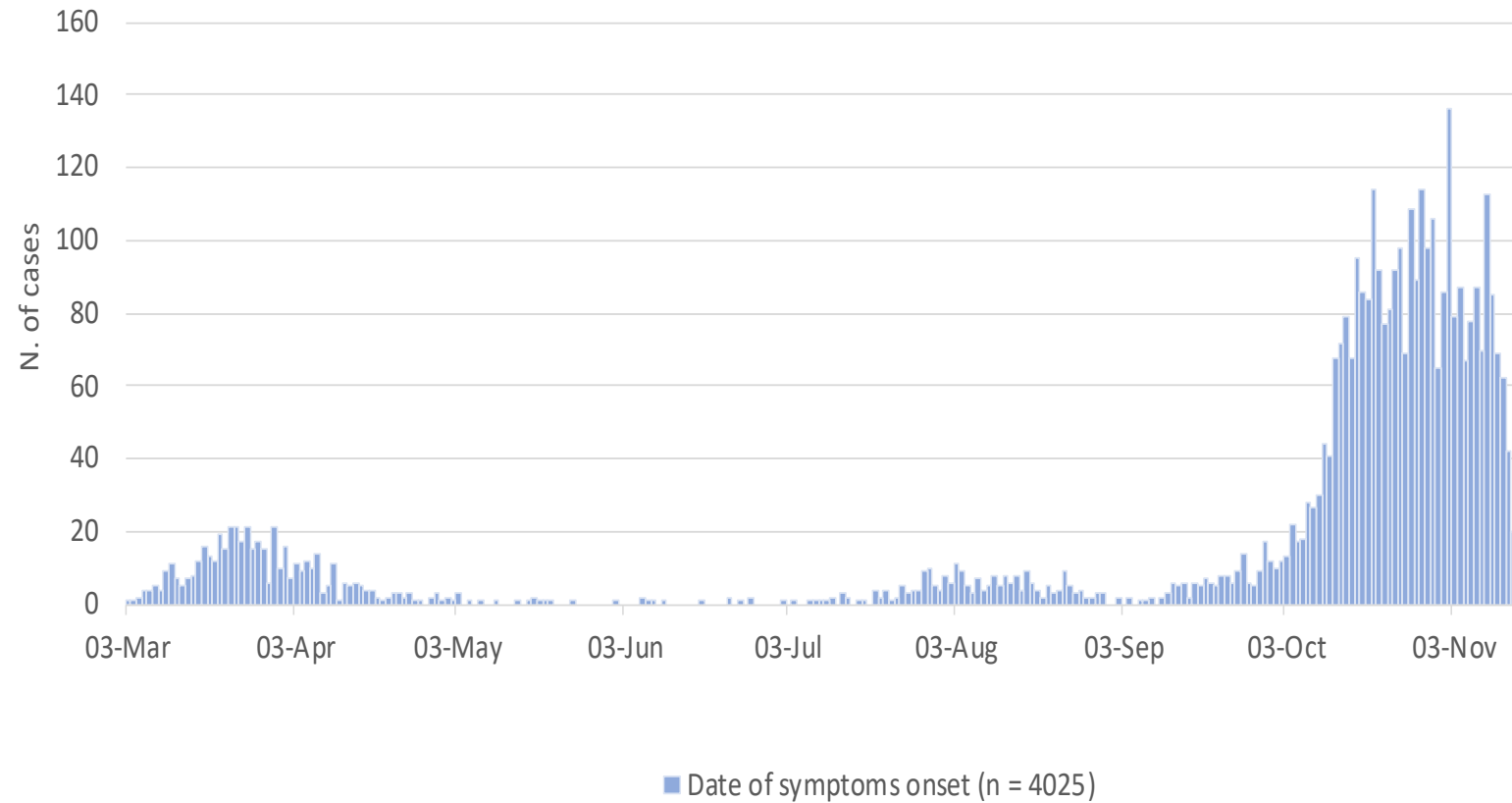


**Date of discharge/transfer/death included*

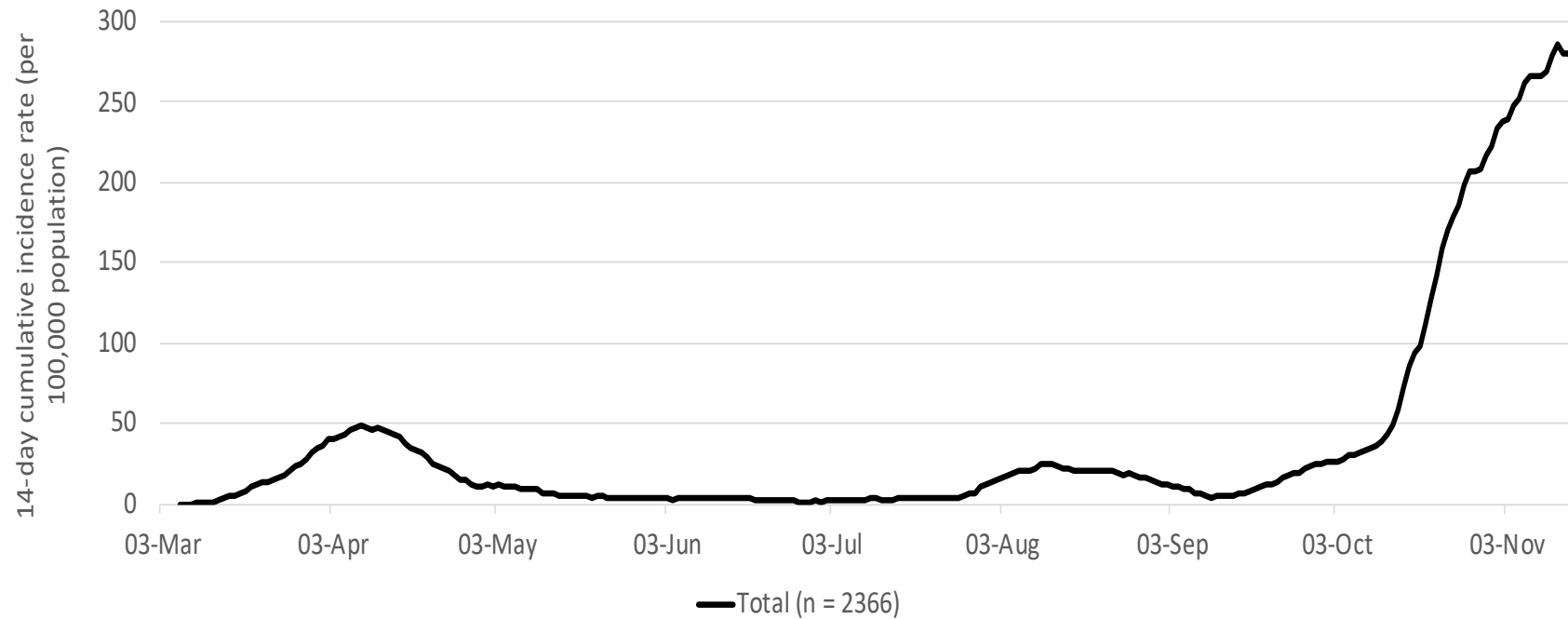
Laboratory-confirmed cases by date of sampling



Laboratory-confirmed cases by date of symptom onset



COVID-19 14-day cumulative diagnosis rate per 100,000 population (proxy of COVID-19 prevalence)



Data in brief

(Last 14 days; 3 – 16, November)

Laboratory-confirmed cases
2,366

Locally-acquired (%)
2,023 (85.5%)

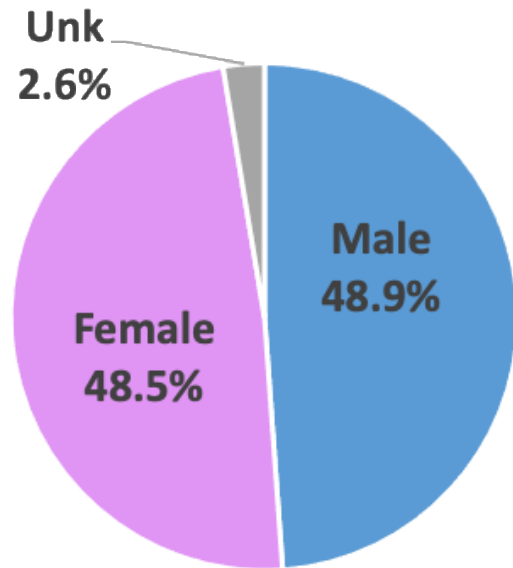
Hospital care / currently (%)
97 (4.1%) / 80 (82.5%)

Currently in Intensive Care Unit*
10

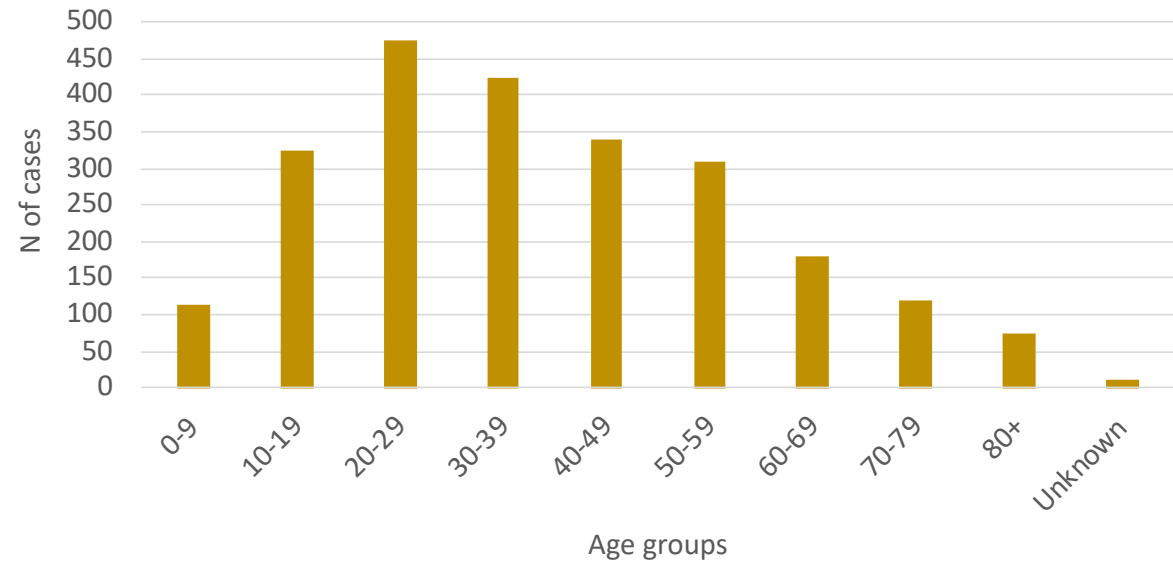
**Date of discharge/transfer/death included*

Distribution of cases by sex and age groups for cases diagnosed in the last 14 days (n = 2.366)

Sex

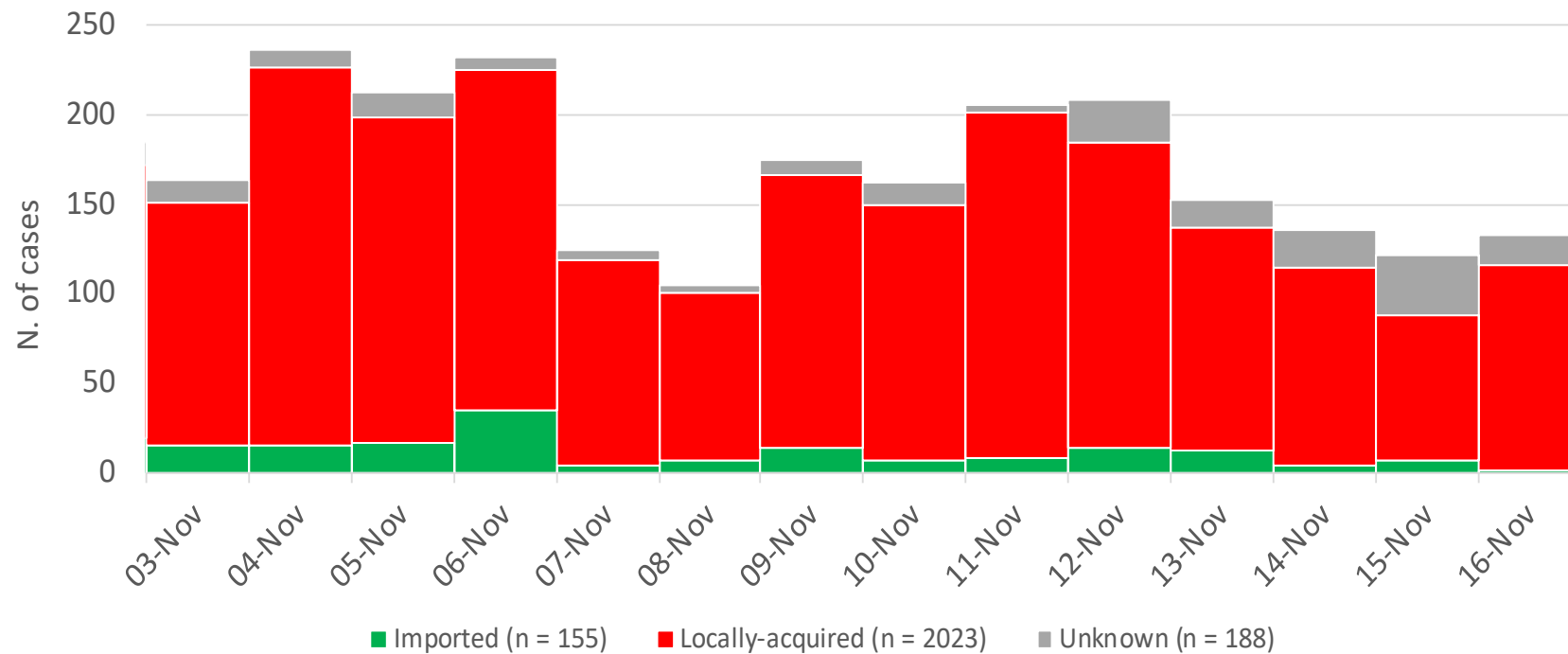


Age groups

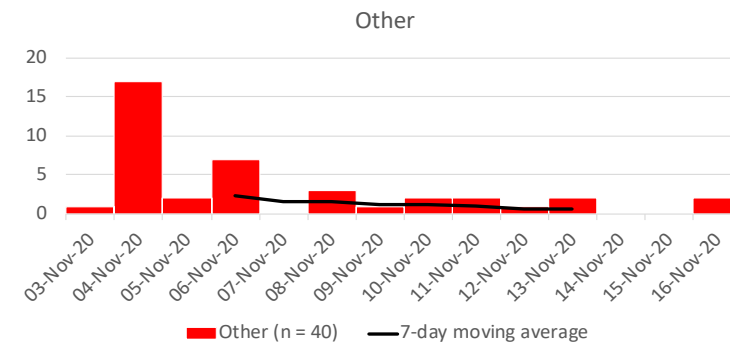
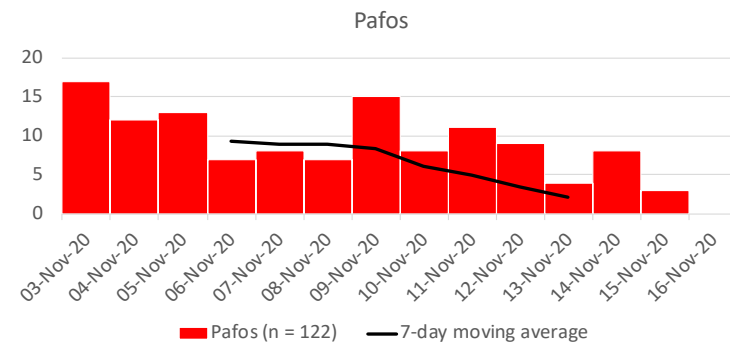
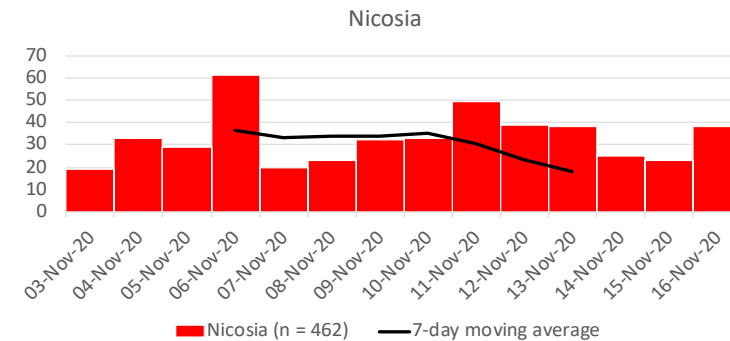
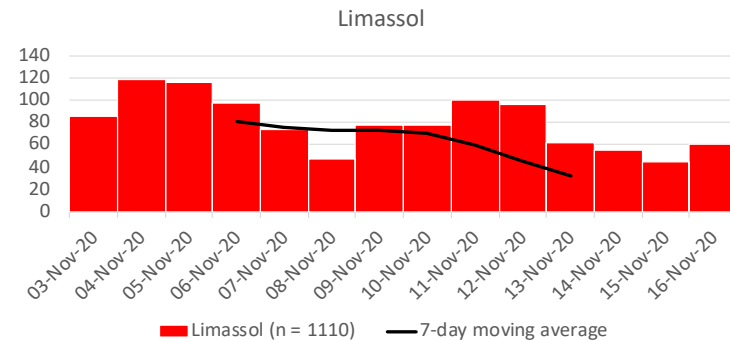
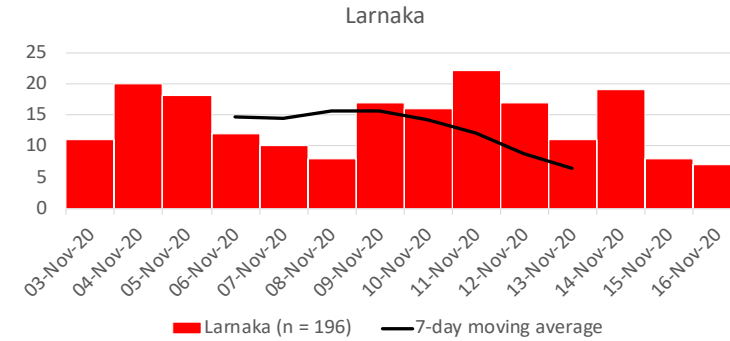
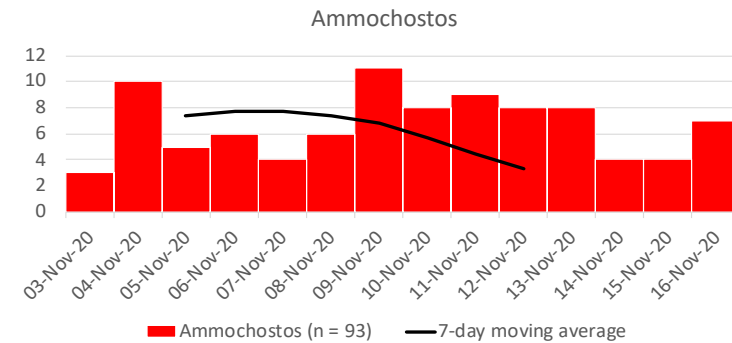


Median age: 36 years (interquartile range: 23-52 years)

COVID-19 cases by origin of infection and by date of sampling for the last 14 days



COVID-19 cases of locally-acquired cases by date of sampling and district for the last 14 days

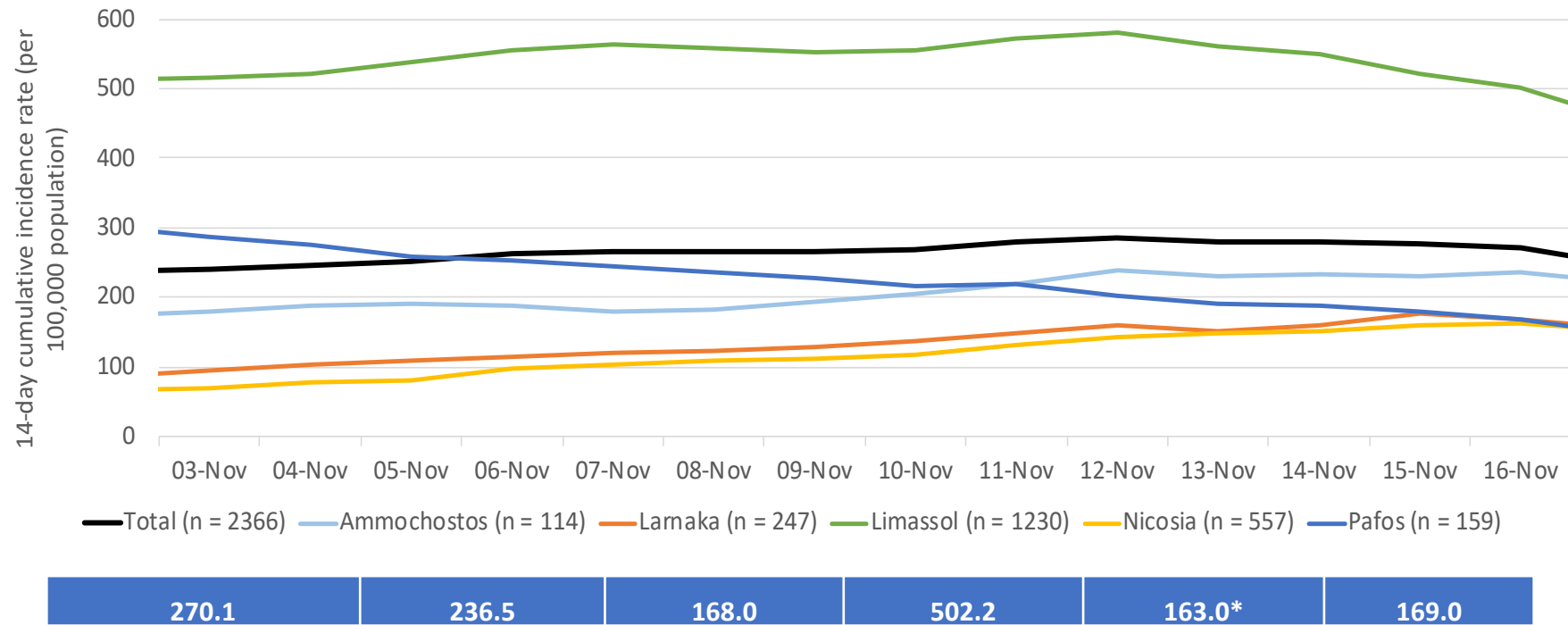


COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 2366)		Imported (n = 155)		Locally-acquired (n = 2023)		Unknown (n = 188)	
	N	%	N	%	N	%	N	%
Sex								
Male	1156	48.9	75	48.4	987	48.8	94	50.0
Female	1148	48.5	78	50.3	998	49.3	72	38.3
Unknown	62	2.6	2	1.3	38	1.9	22	11.7
Age groups (years)								
0-9	114	4.8	2	1.3	107	5.3	5	2.7
10-19	323	13.7	27	17.4	276	13.6	20	10.6
20-29	475	20.1	57	36.8	371	18.3	47	25.0
30-39	424	17.9	27	17.4	365	18.0	32	17.0
40-49	338	14.3	21	13.5	292	14.4	25	13.3
50-59	310	13.1	13	8.4	272	13.4	25	13.3
60-69	181	7.7	5	3.2	166	8.2	10	5.3
70-79	118	5.0	1	0.6	106	5.2	11	5.9
80+	73	3.1	2	1.3	65	3.2	6	3.2
Unknown	10	0.4	0	0.0	3	0.1	7	3.7
Median age in years (IQR*)	36 (23-52)		26 (20-41)		36 (24-53)		36 (24-52)	
District								
Ammochostos	114	4.8	12	7.7	93	4.6	9	4.8
Larnaka	247	10.4	16	10.3	196	9.7	35	18.6
Limassol	1230	52.0	49	31.6	1110	54.9	71	37.8
Nicosia	557	23.5	48	31.0	462	22.8	47	25.0
Pafos	159	6.7	24	15.5	122	6.0	13	6.9
Other	59	2.5	6	3.9	40	2.0	13	6.9
Symptoms at diagnosis								
Yes	1483	62.7	71	45.8	1312	64.9	100	53.2
No	730	30.9	73	47.1	610	30.2	47	25.0
Unknown	153	6.5	11	7.1	101	5.0	41	21.8

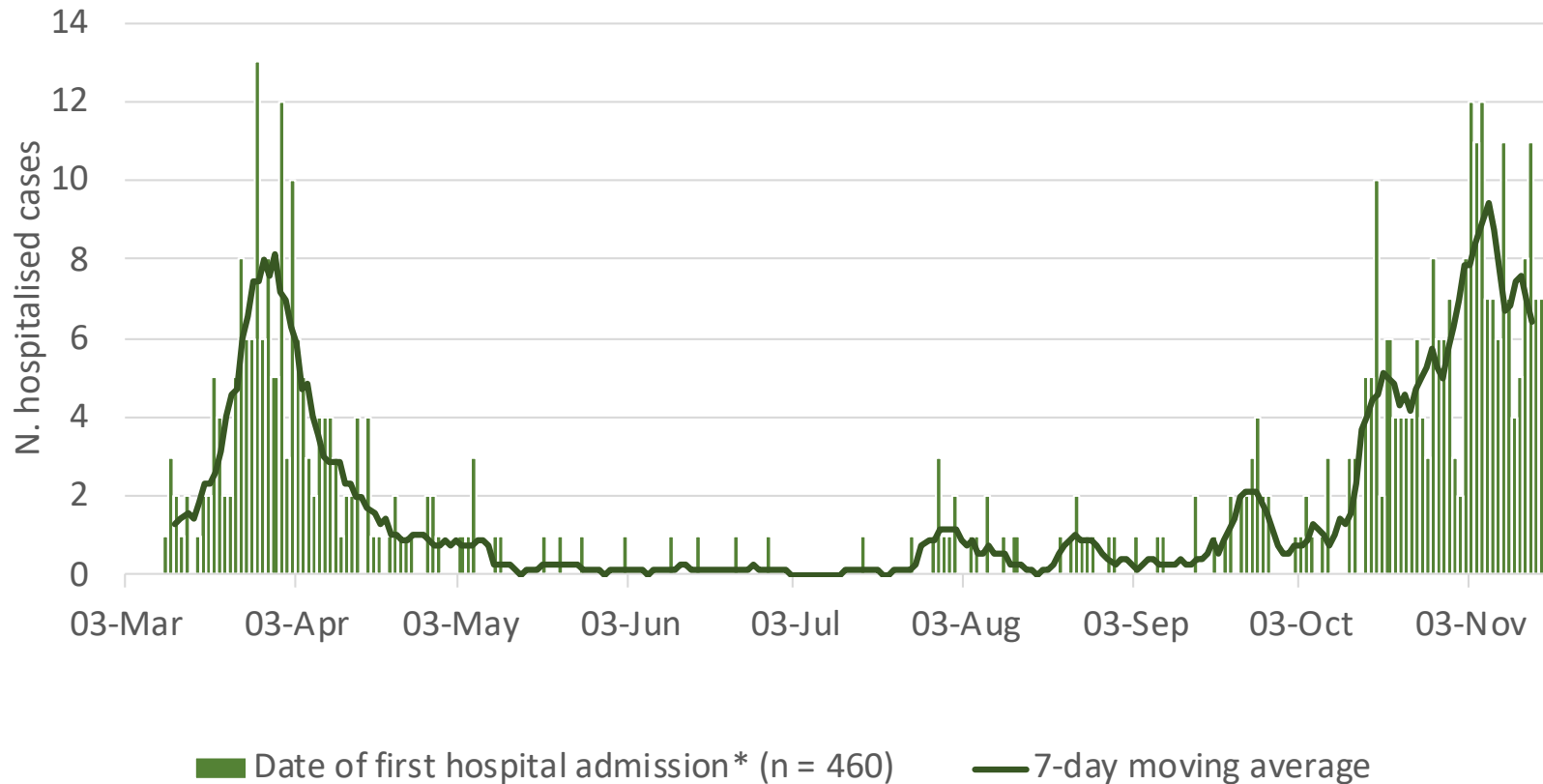
IQR: interquartile range

COVID-19 14-day cumulative diagnosis rate per 100,000 population, overall and by district for the last 14 days

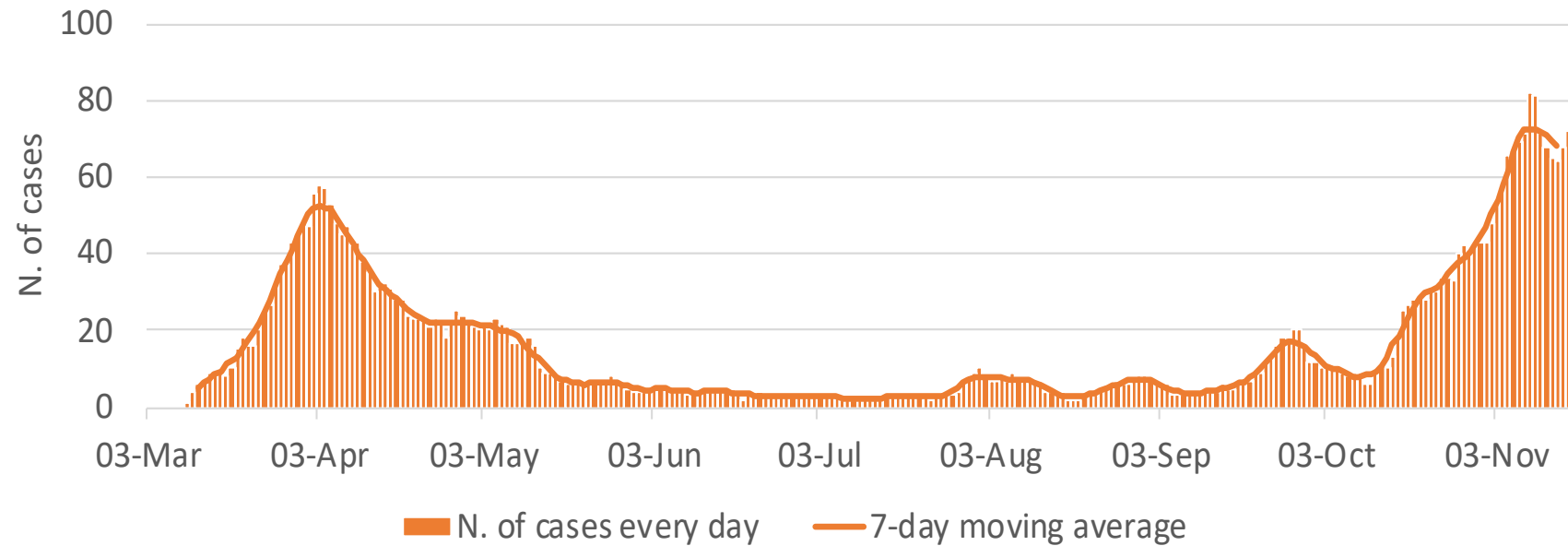


*Excluding cases from the outbreak at the Meat Plant in Nicosia, the 14-day cumulative incidence rate is: 154.5 per 100,000 population

Number of cases by date of hospital admission

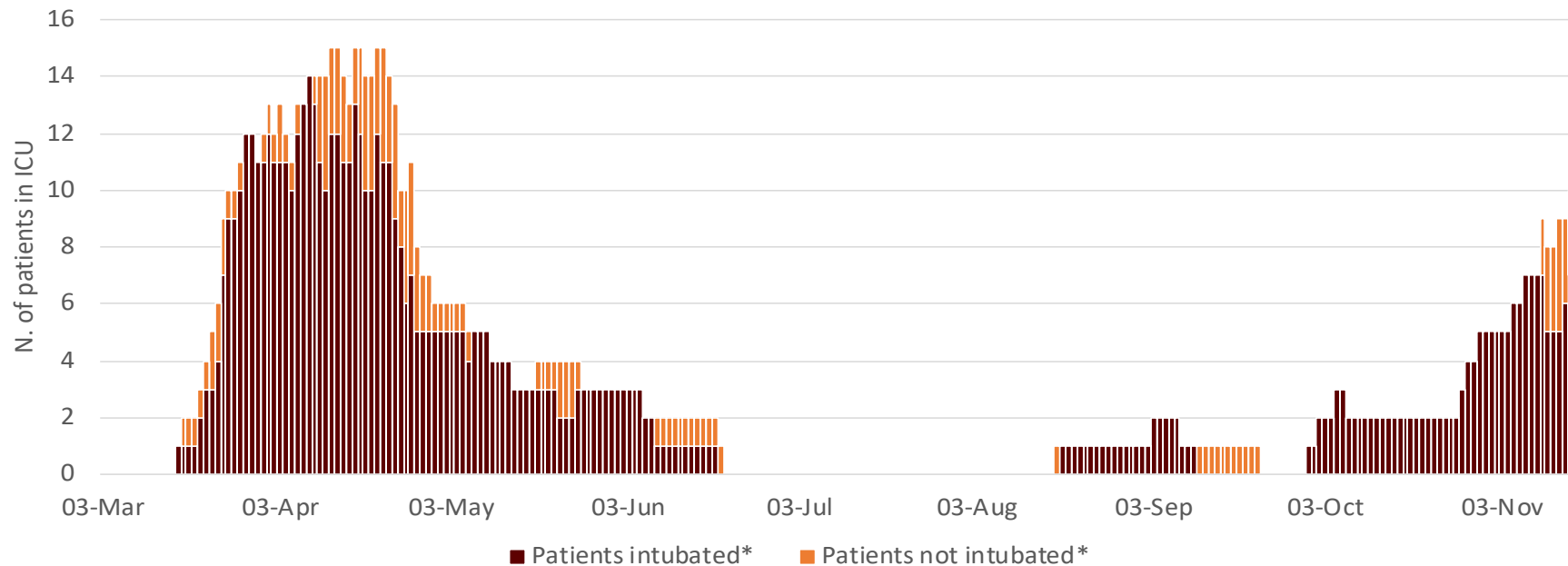


Cases in hospital every day



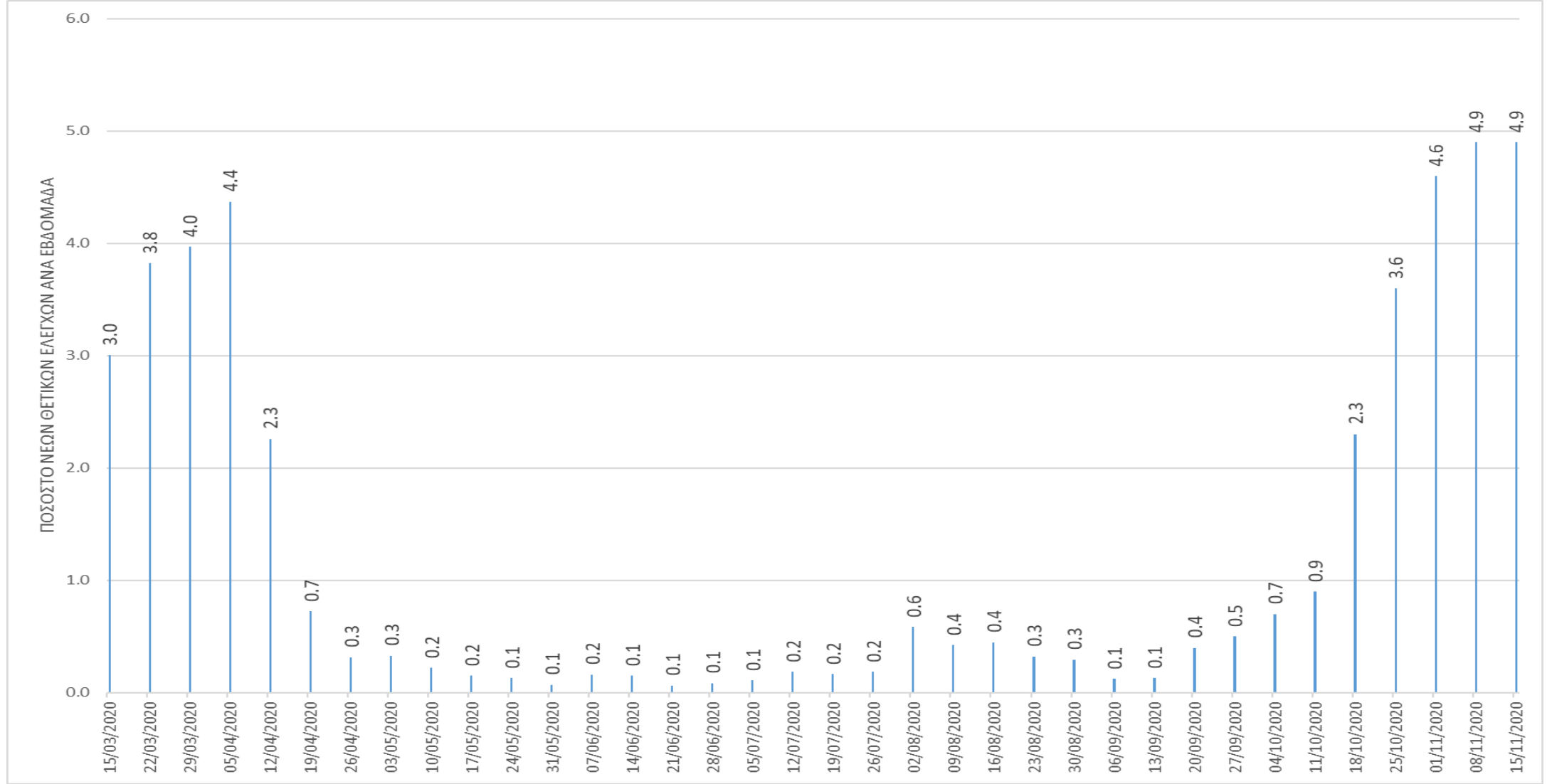
Cases in intensive care units (ICU)*

- Total: 48 (10.4% of all ever hospitalized patients) have ever been admitted to ICU – 10 currently in ICU (November 17th)



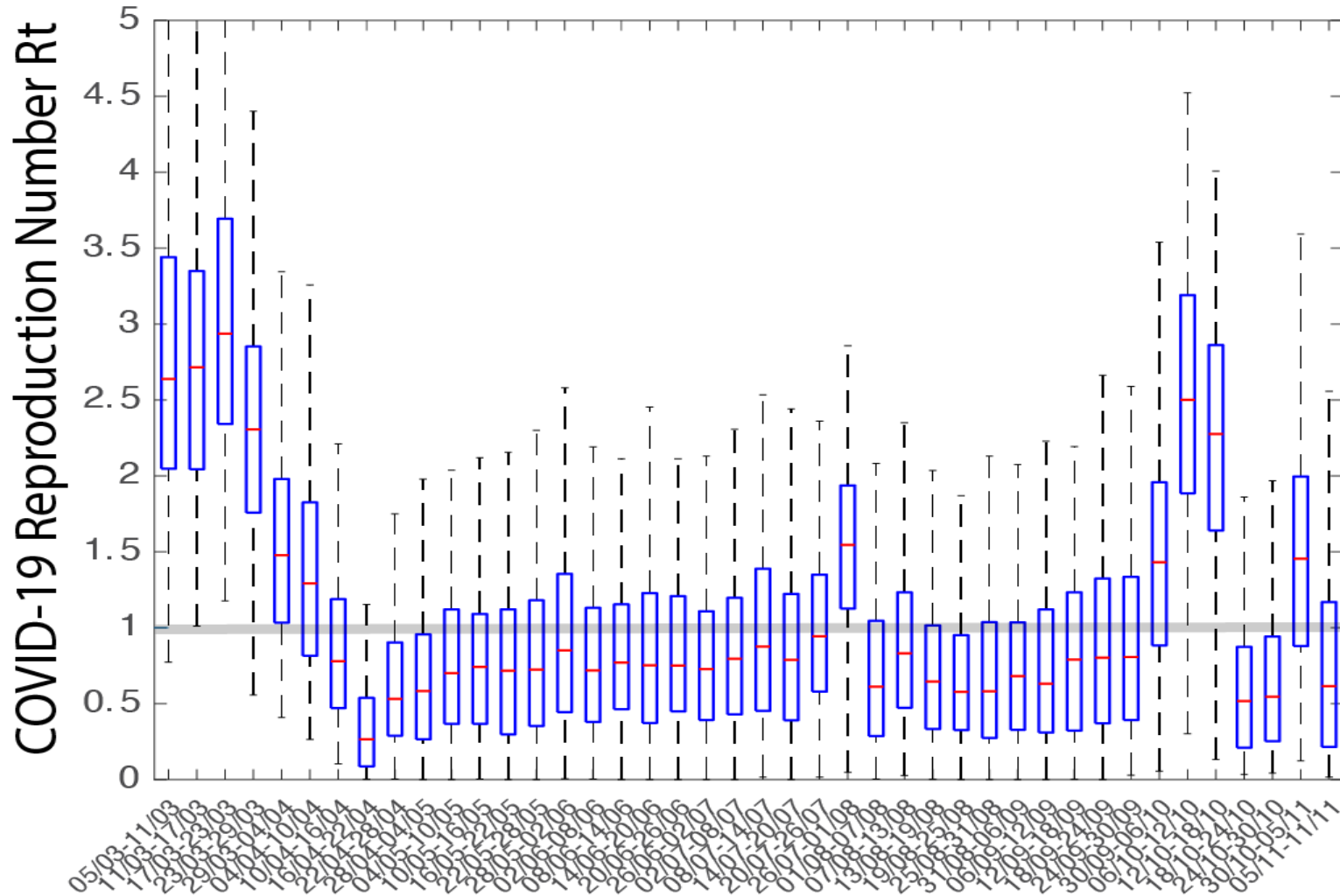
*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

Percentage of laboratory tests with a positive result, per week



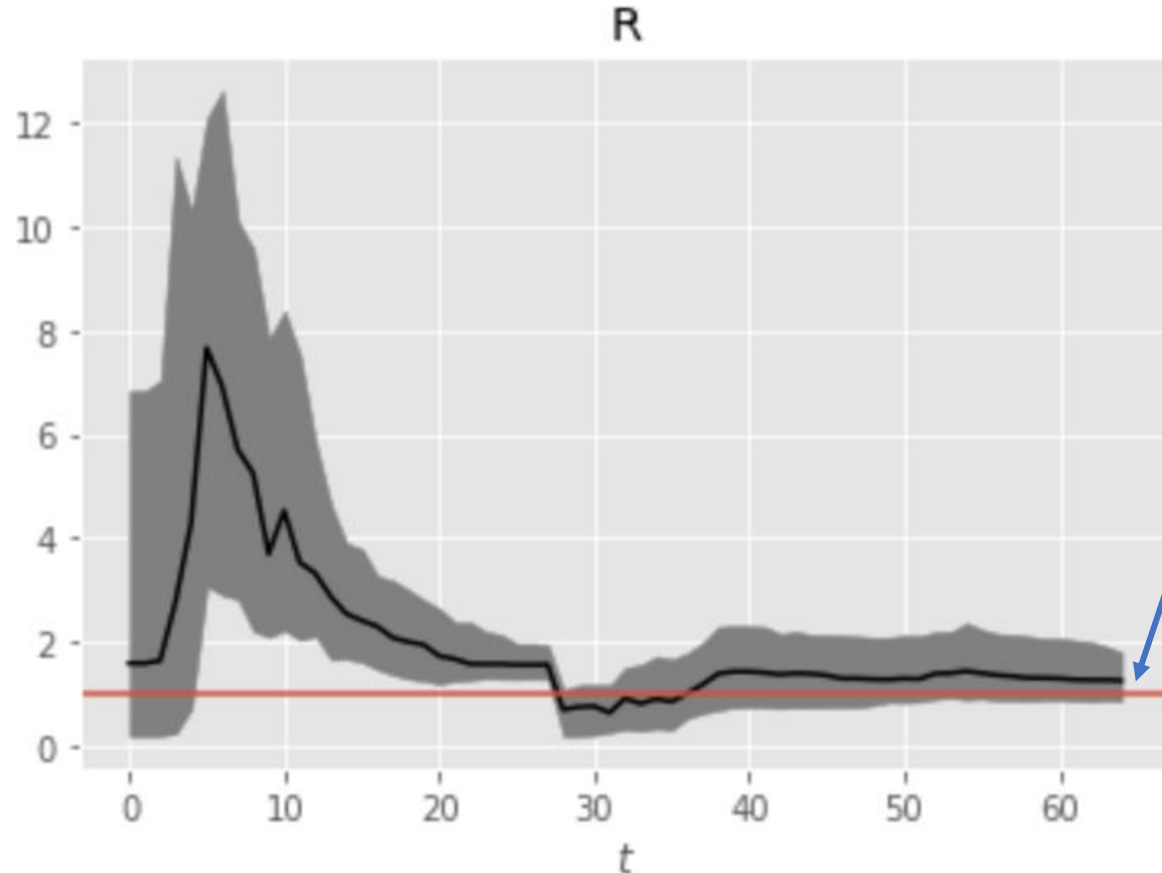
Effective reproductive number (Rt) – Method B

R_t 5 – 11 Nov: 0.77



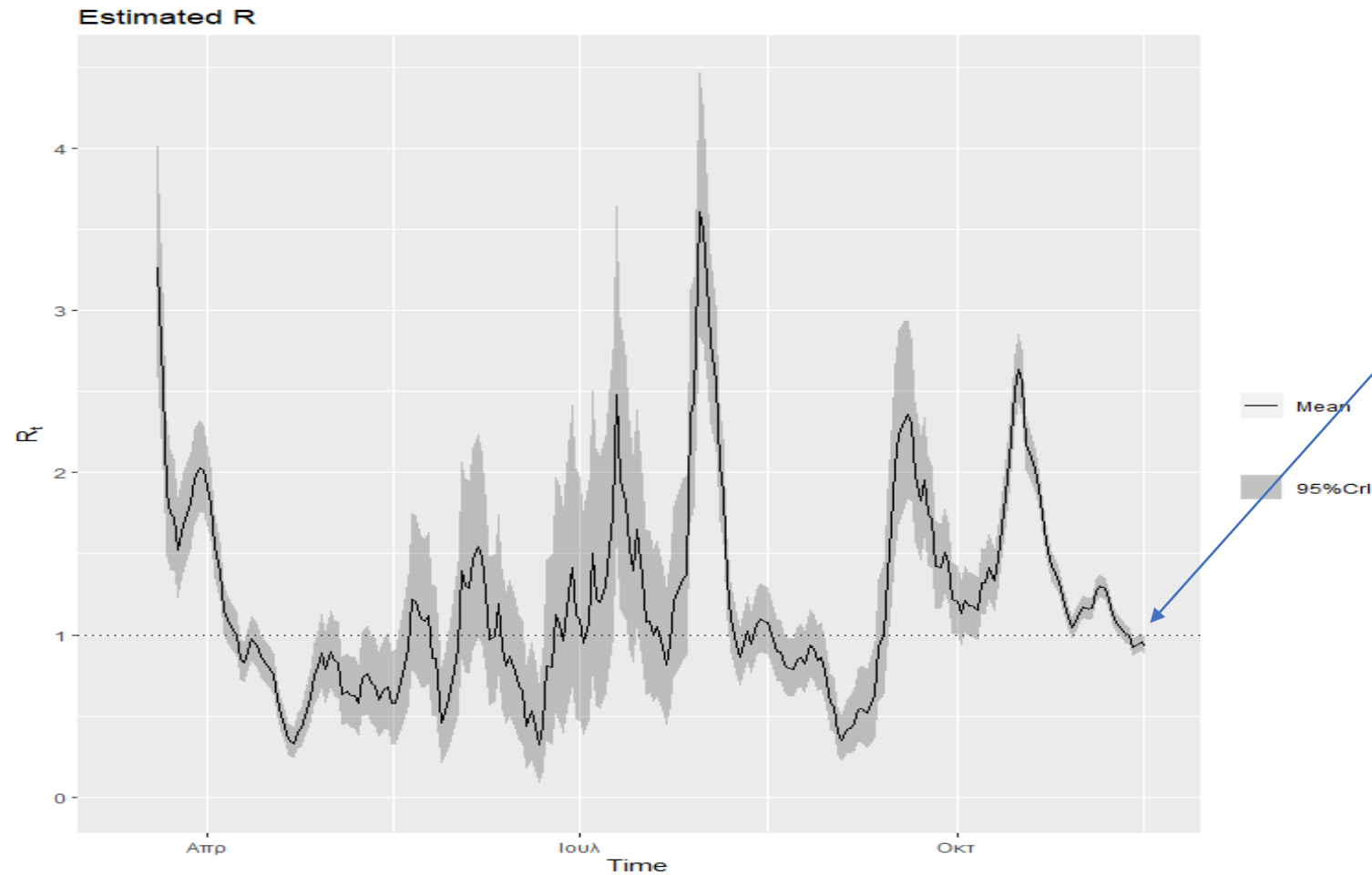
Effective reproductive number (R_t) – Method C

R_t recent days: 1.2 (90% credibility interval for the last day 0.85-1.8)



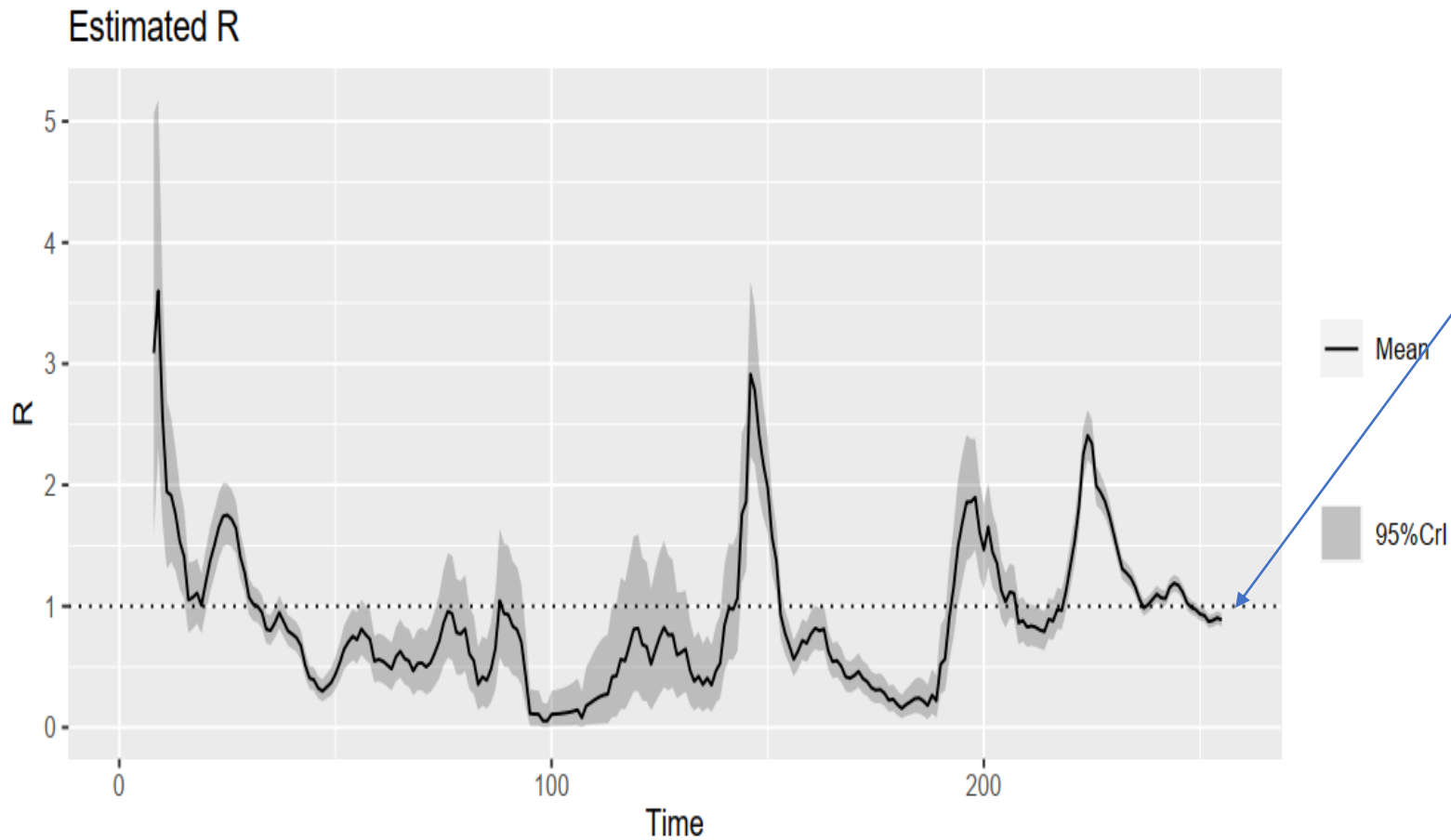
Effective reproductive number (R_t) – Method D (all cases)

R_t 10-16 Nov: 0.92 (0.87 - 0.98)



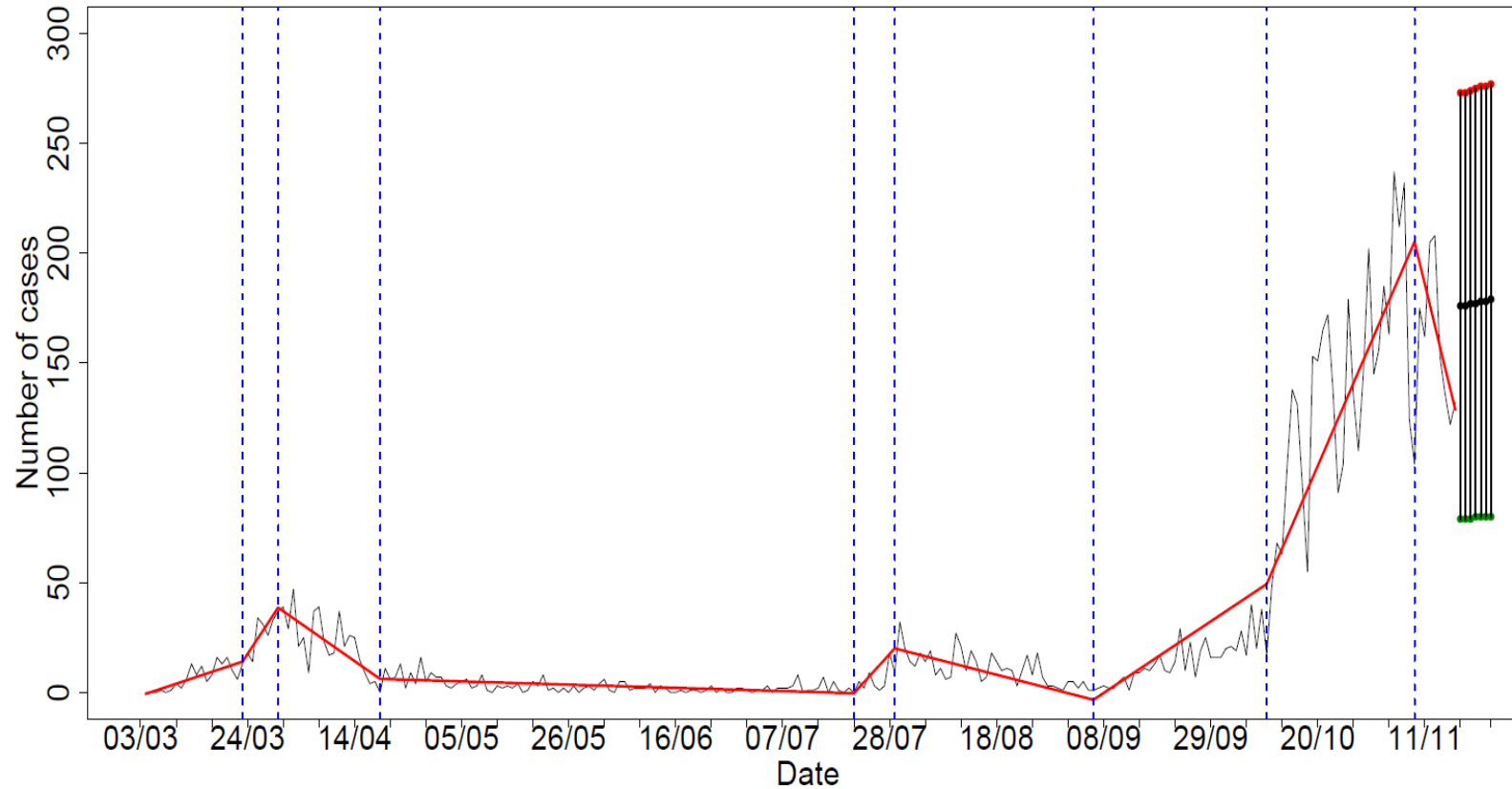
Effective reproductive number (R_t) – Method D (locally-acquired or imported cases)

R_t 10-16 Nov: 0.89 (0.83 - 0.94)



Change-point analysis and predictions

Cases, estimated change-points, and the signal



Mathematical Modeling of COVID-19 Pandemic

Research Team

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Laboratory tests for SARS-CoV-2

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