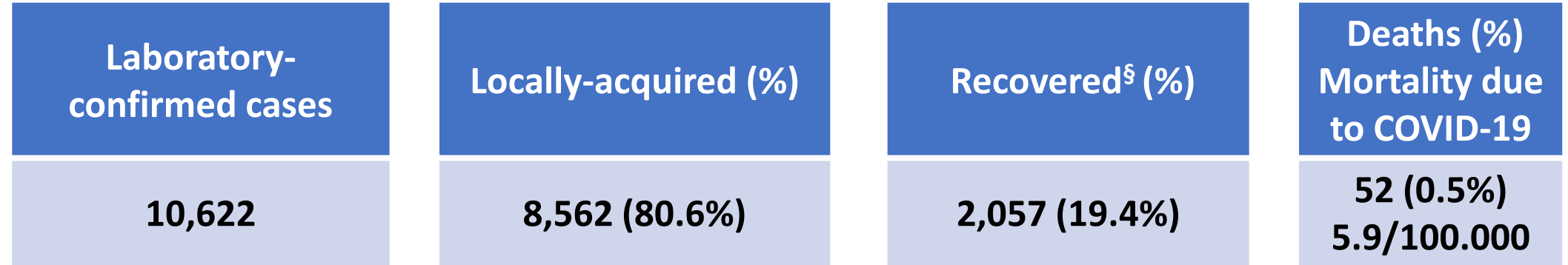


Coronavirus Disease 2019 (COVID-19) in Cyprus

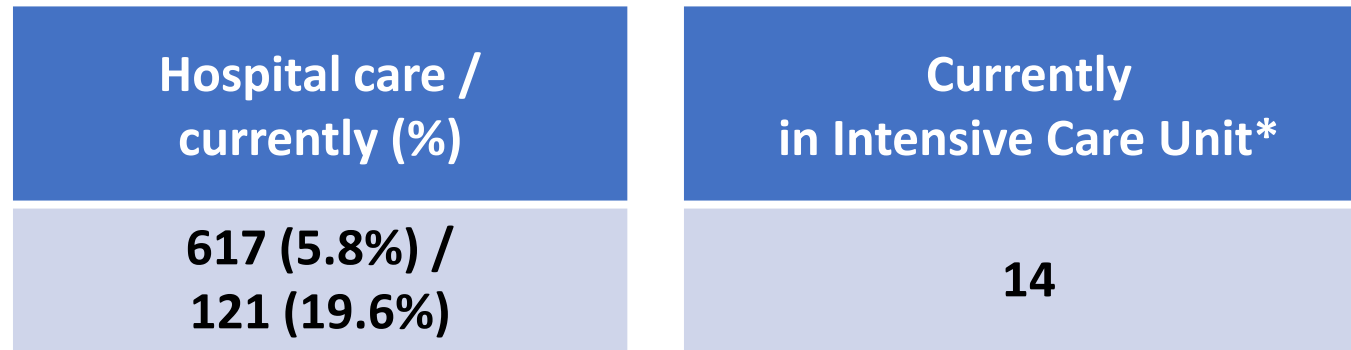
Surveillance Report as of 30/11/2020

Nicosia 04/12/2020

Data in brief

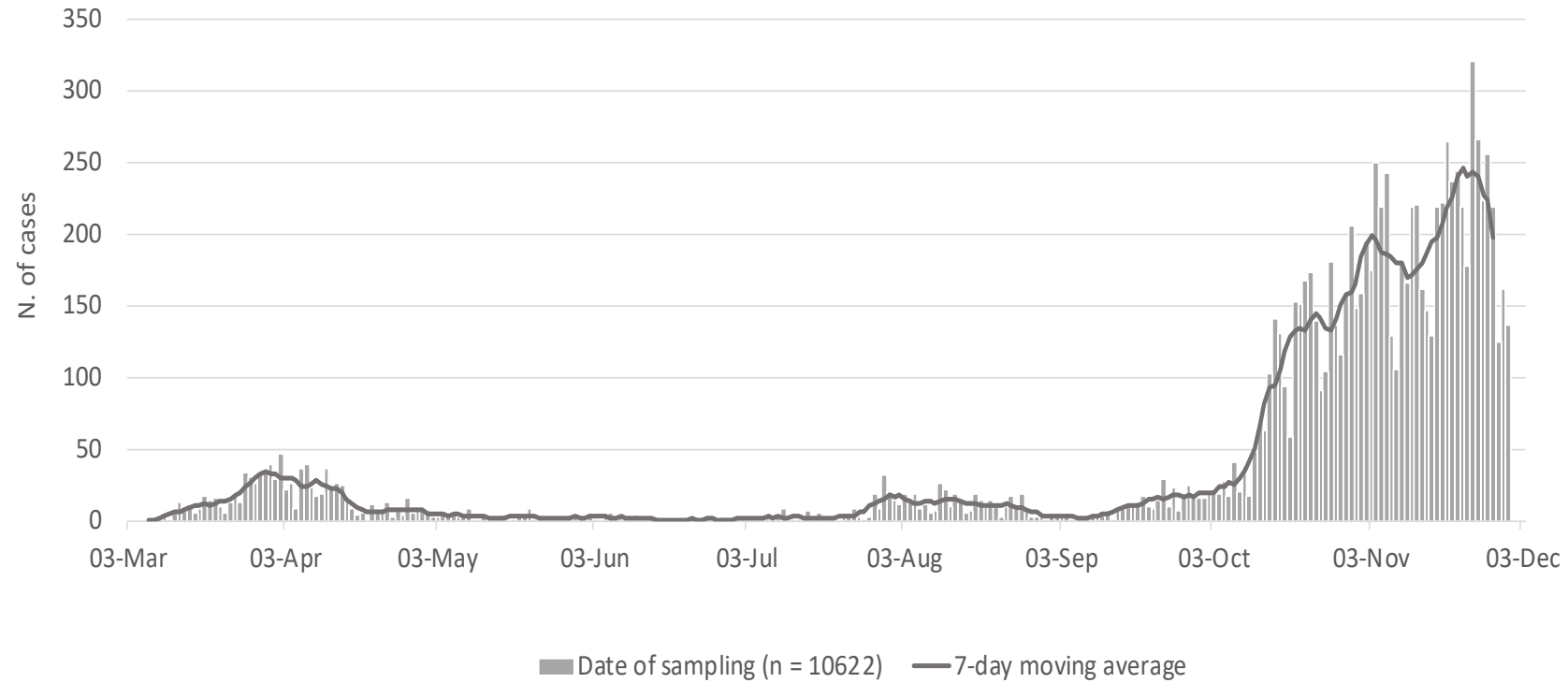


§of those alive

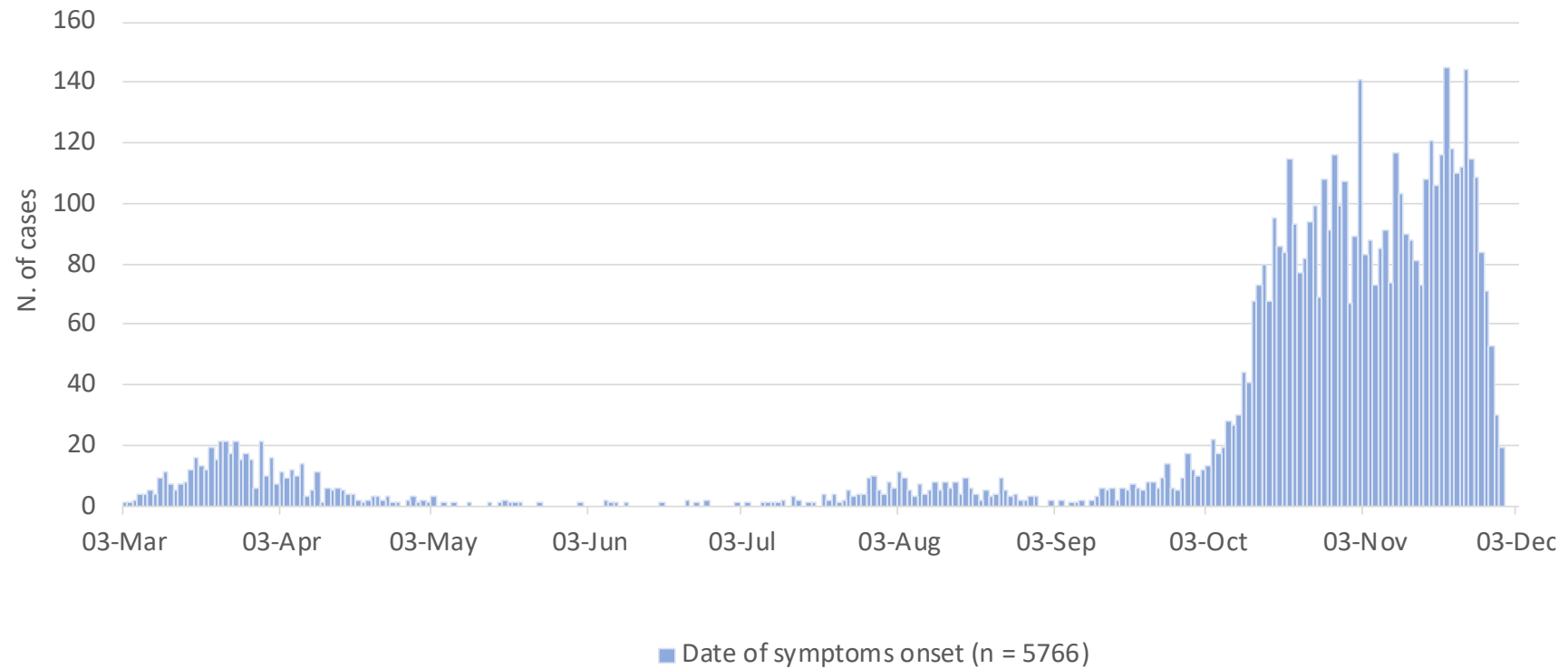


**Date of discharge/transfer/death included*

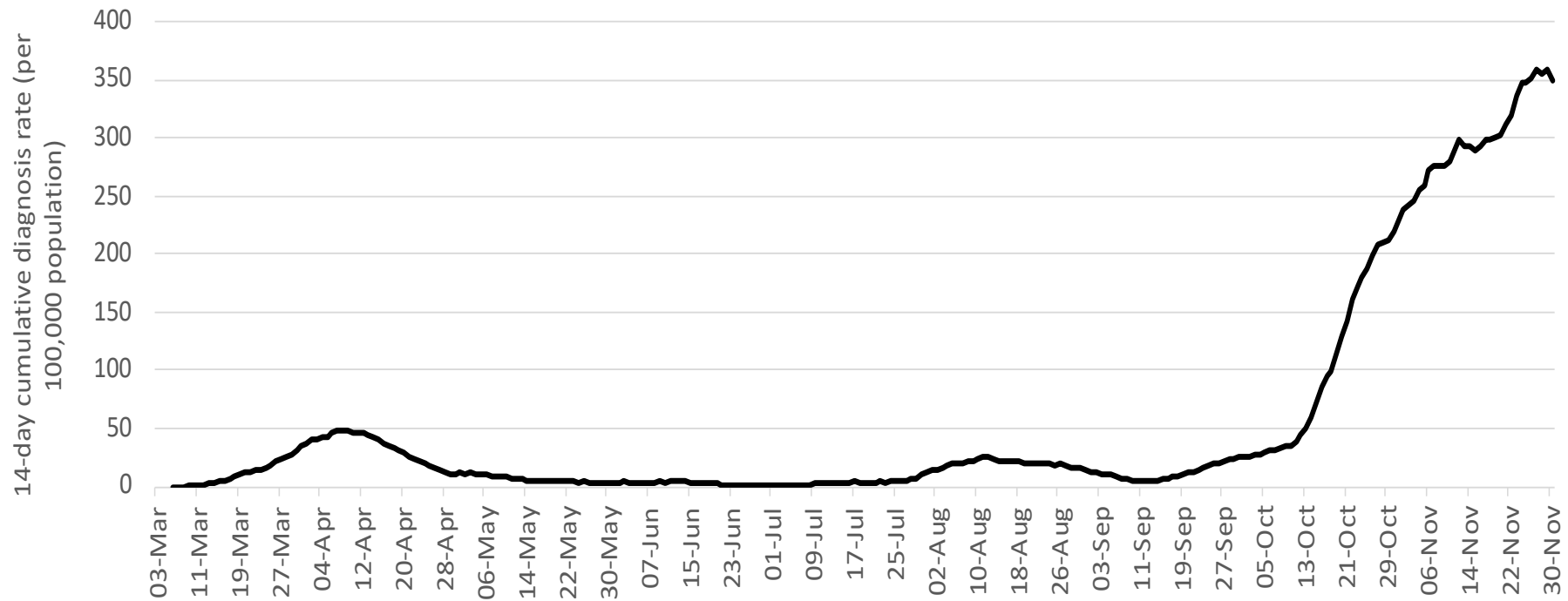
Laboratory-confirmed cases by date of sampling



Laboratory-confirmed cases by date of symptom onset

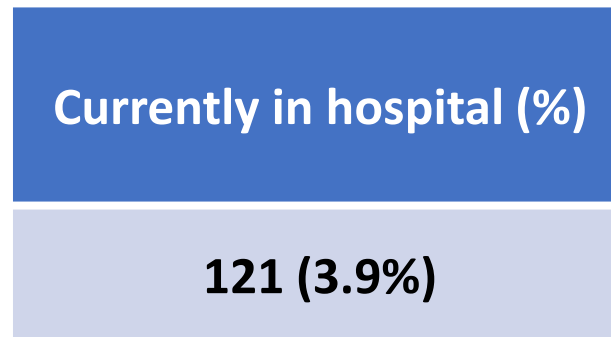
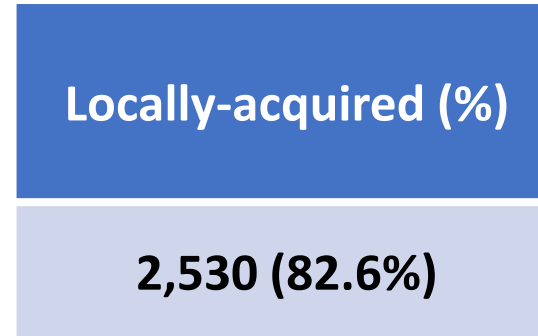
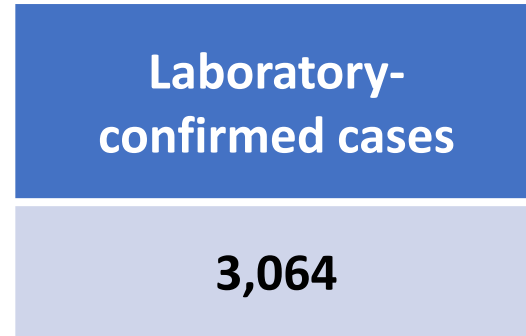


COVID-19 14-day cumulative diagnosis rate per 100,000 population (proxy of COVID-19 prevalence)



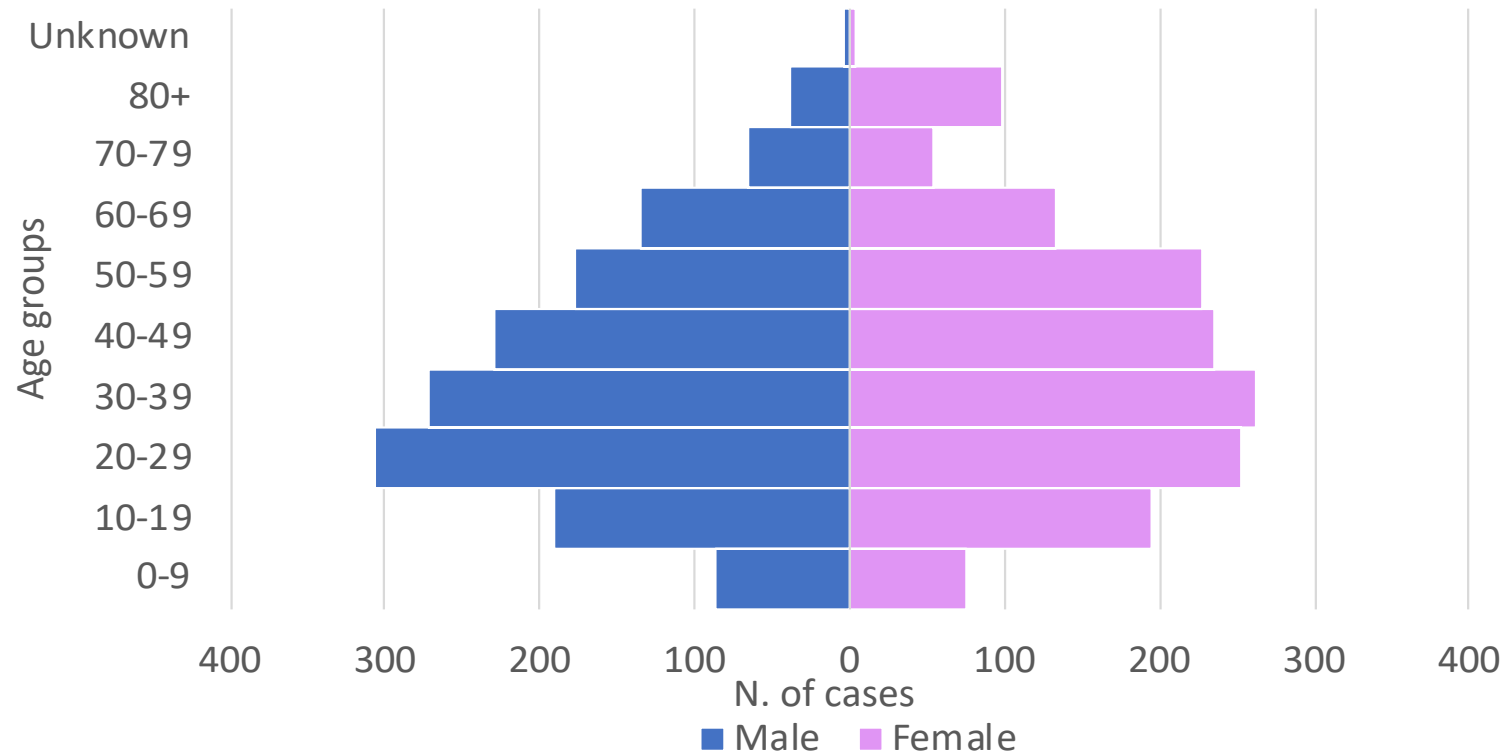
Data in brief

(Last 14 days; 17 – 30, November)



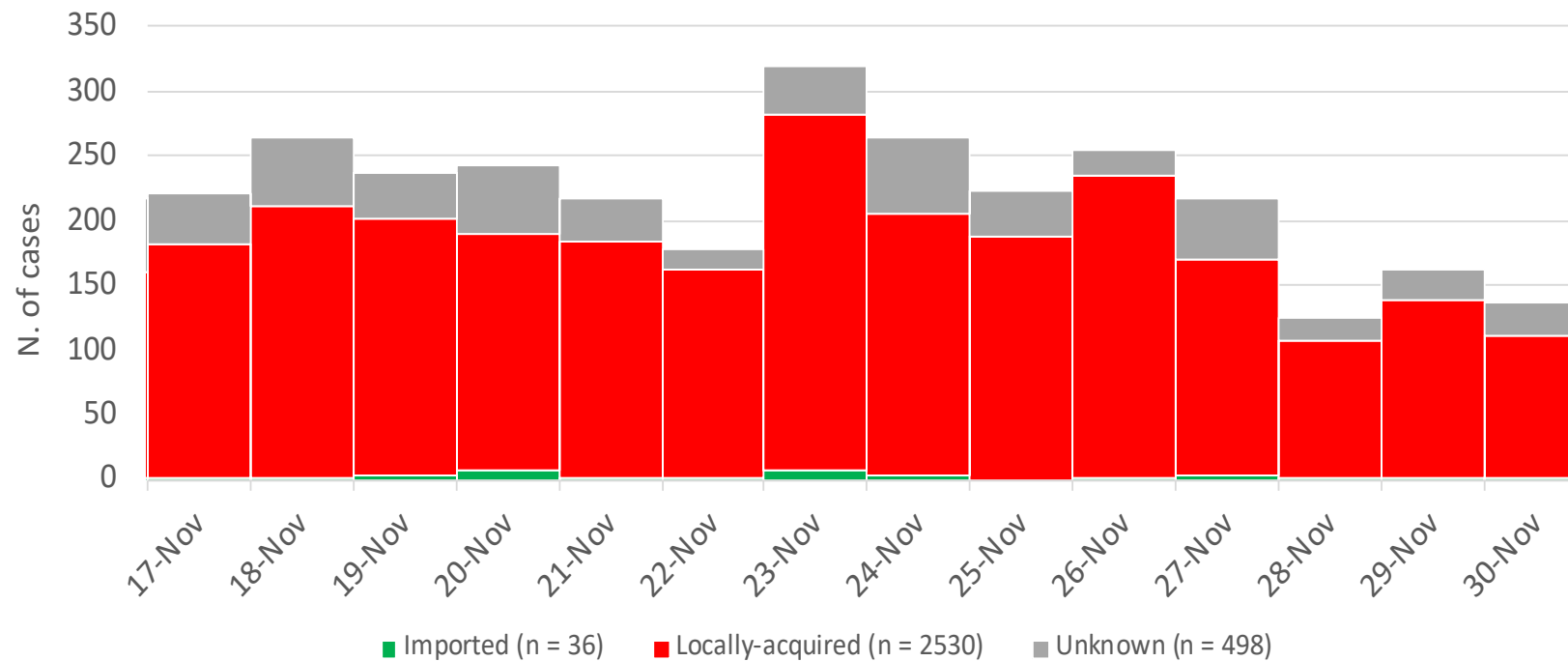
**Date of discharge/transfer/death included*

Distribution of cases by sex and age groups for cases diagnosed in the last 14 days (n = 3.064)

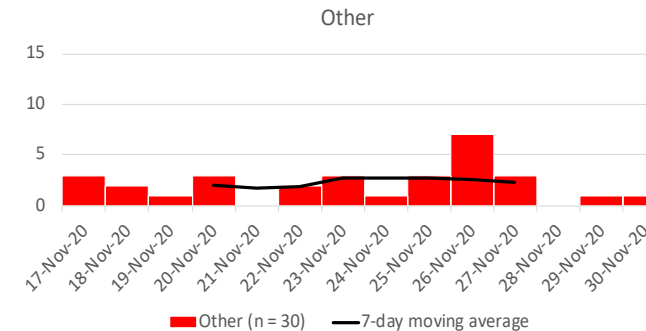
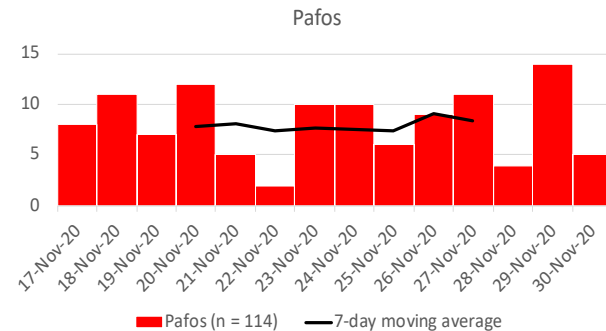
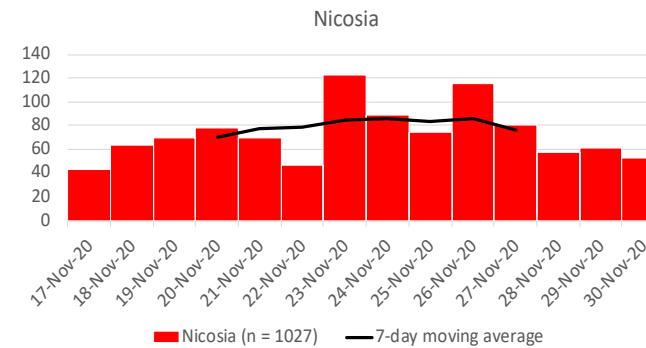
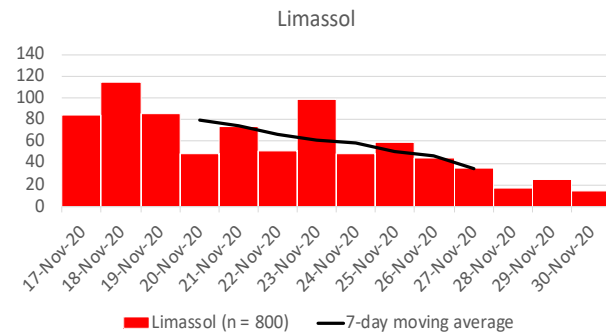
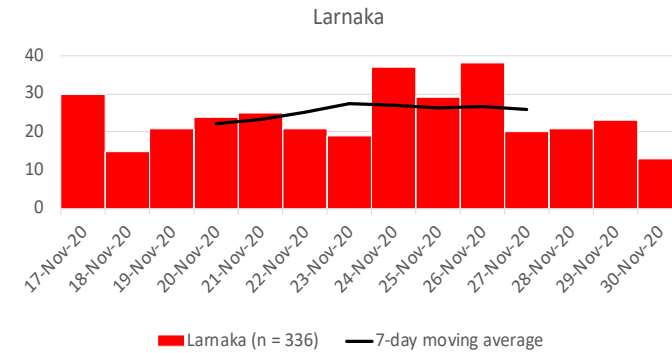
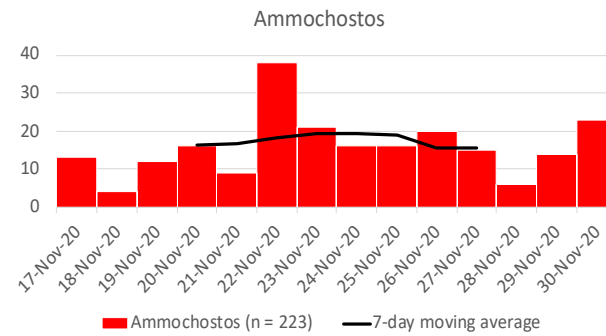


Median age: 37 years (interquartile range: 24-54 years)

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



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

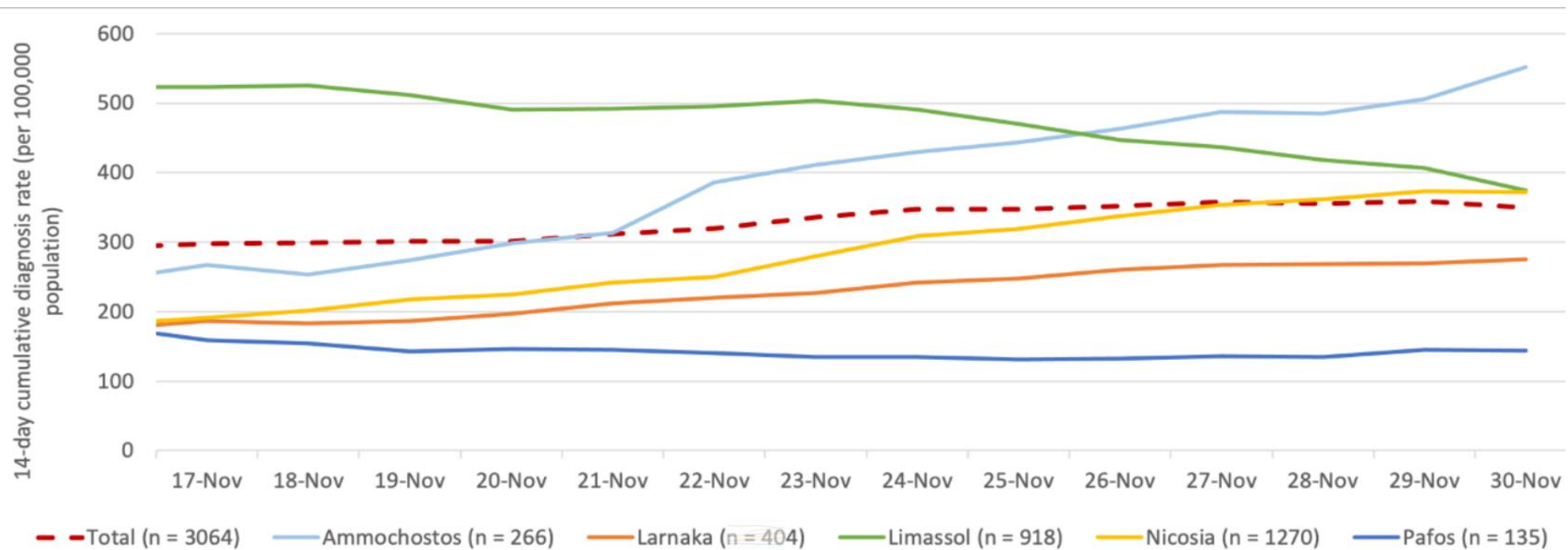


COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 3064)		Imported (n = 36)		Locally-acquired (n = 2530)		Unknown (n = 498)	
	N	%	N	%	N	%	N	%
Sex								
Male	1505	49.1	18	50.0	1249	49.4	238	47.8
Female	1536	50.1	18	50.0	1279	50.6	239	48.0
Unknown	23	0.8	0	0.0	2	0.1	21	4.2
Age groups (years)								
0-9	162	5.3	0	0.0	138	5.5	24	4.8
10-19	387	12.6	8	22.2	333	13.2	46	9.2
20-29	567	18.5	9	25.0	466	18.4	92	18.5
30-39	542	17.7	7	19.4	448	18.4	87	17.5
40-49	466	15.2	2	5.6	377	17.7	87	17.5
50-59	406	13.3	6	16.7	349	14.9	51	10.2
60-69	270	8.8	1	2.8	224	13.8	45	9.0
70-79	119	3.9	2	5.6	99	8.9	18	3.6
80+	138	4.5	0	0.0	93	3.9	45	9.0
Unknown	7	0.2	1	2.8	3	3.7	3	0.6
Median age in years (IQR*)	37 (24-54)		32 (20-50)		36 (24-53)		39 (26-56)	
District								
Ammochostos	266	8.7	3	8.3	223	8.8	40	8.0
Larnaka	404	13.2	3	8.3	336	13.3	65	13.1
Limassol	918	30.0	11	30.6	800	31.6	107	21.5
Nicosia	1270	41.4	9	25.0	1027	40.6	234	47.0
Pafos	135	4.4	4	11.1	114	4.5	17	3.4
Other	71	2.3	6	16.7	30	1.2	35	7.0
Symptoms at diagnosis								
Yes	1864	60.8	15	41.7	1608	63.6	241	48.4
No	1066	34.8	21	58.3	886	35.0	159	31.9
Unknown	134	4.4	0	0.0	36	1.4	98	19.7

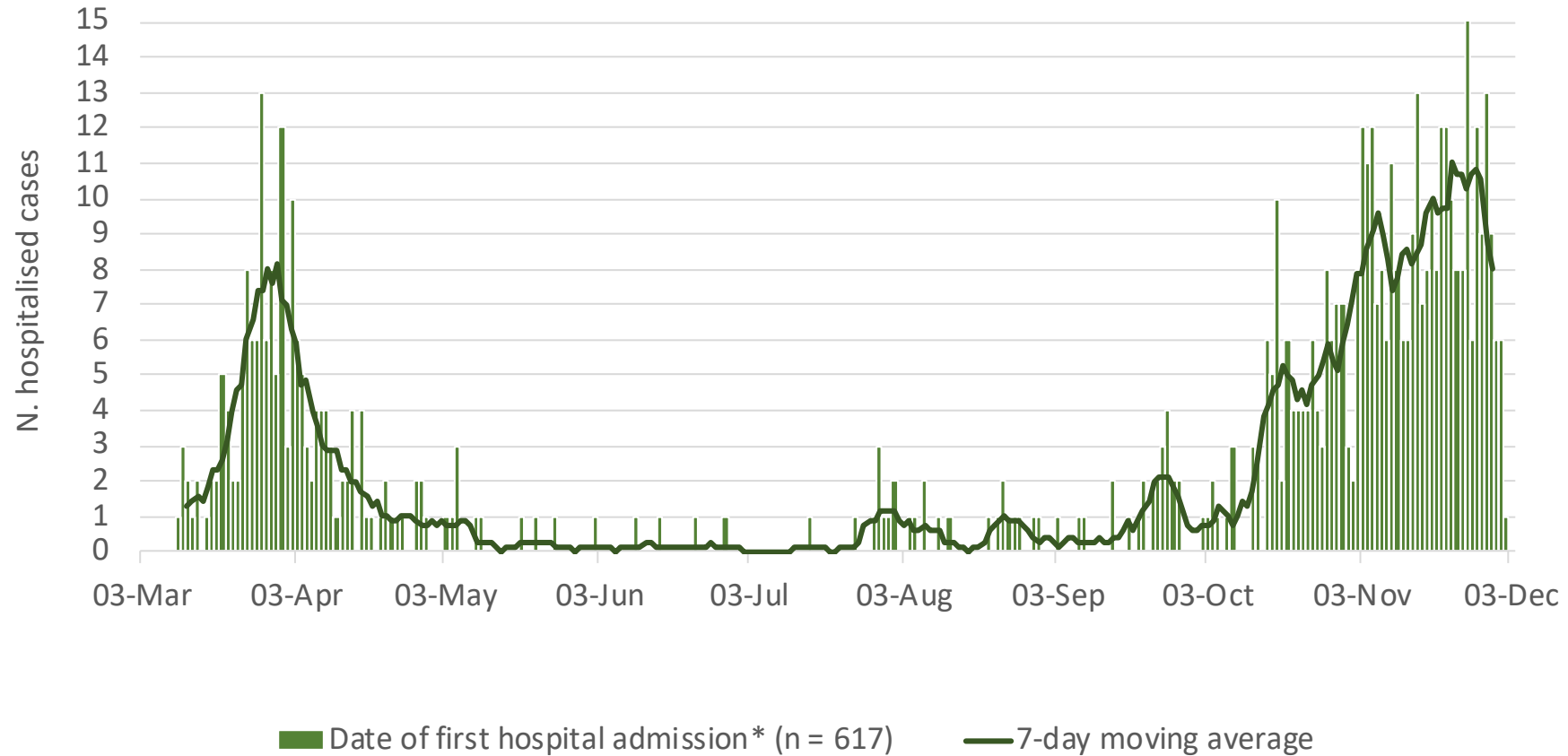
IQR: interquartile range

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

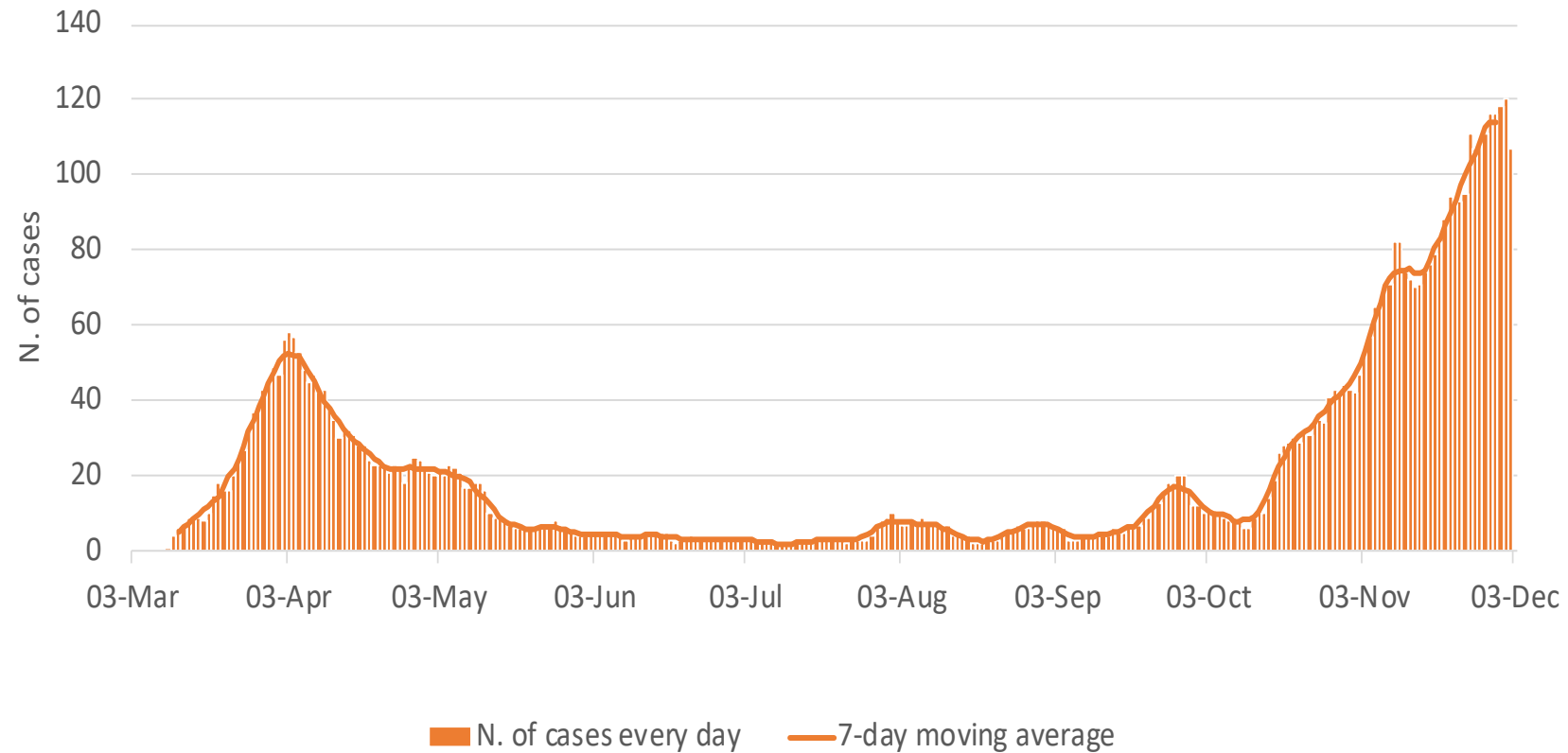


349.8	551.9	274.8	374.8	371.7	143.5
30 November 2020					

Number of cases by date of hospital admission

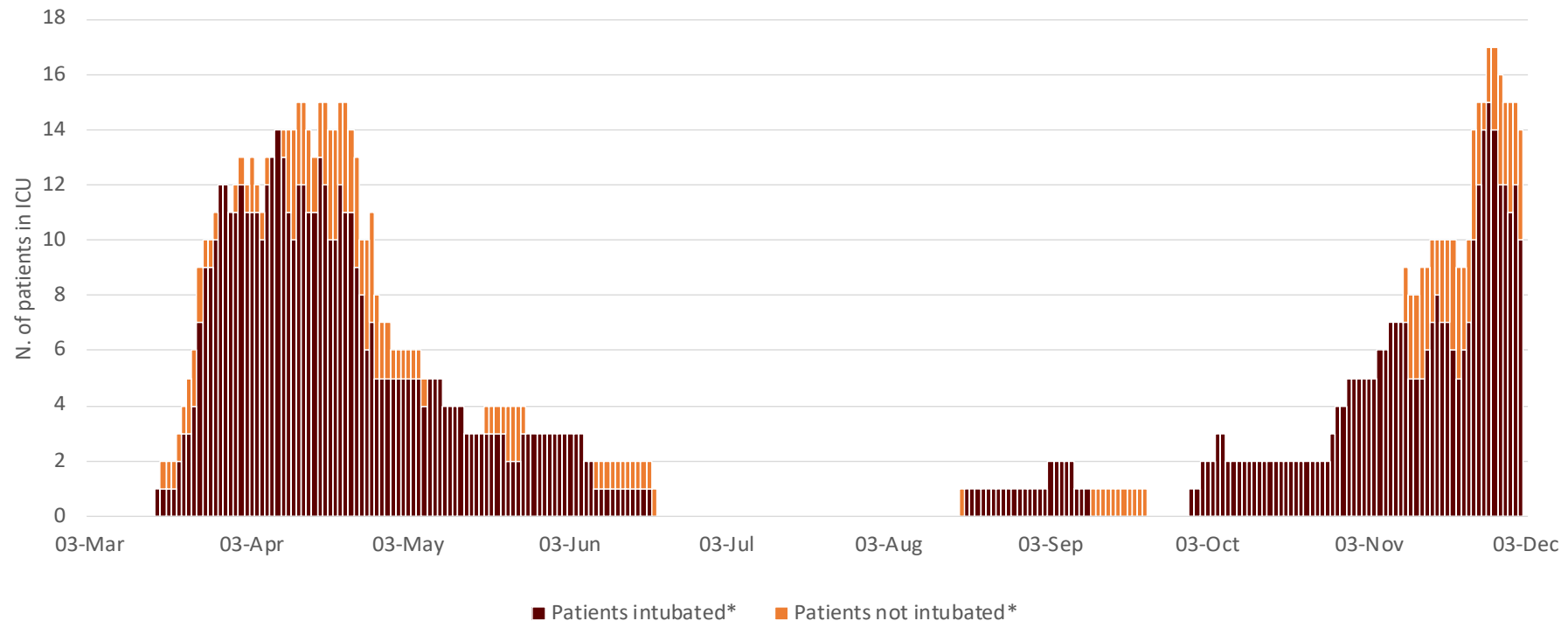


Cases in hospital every day



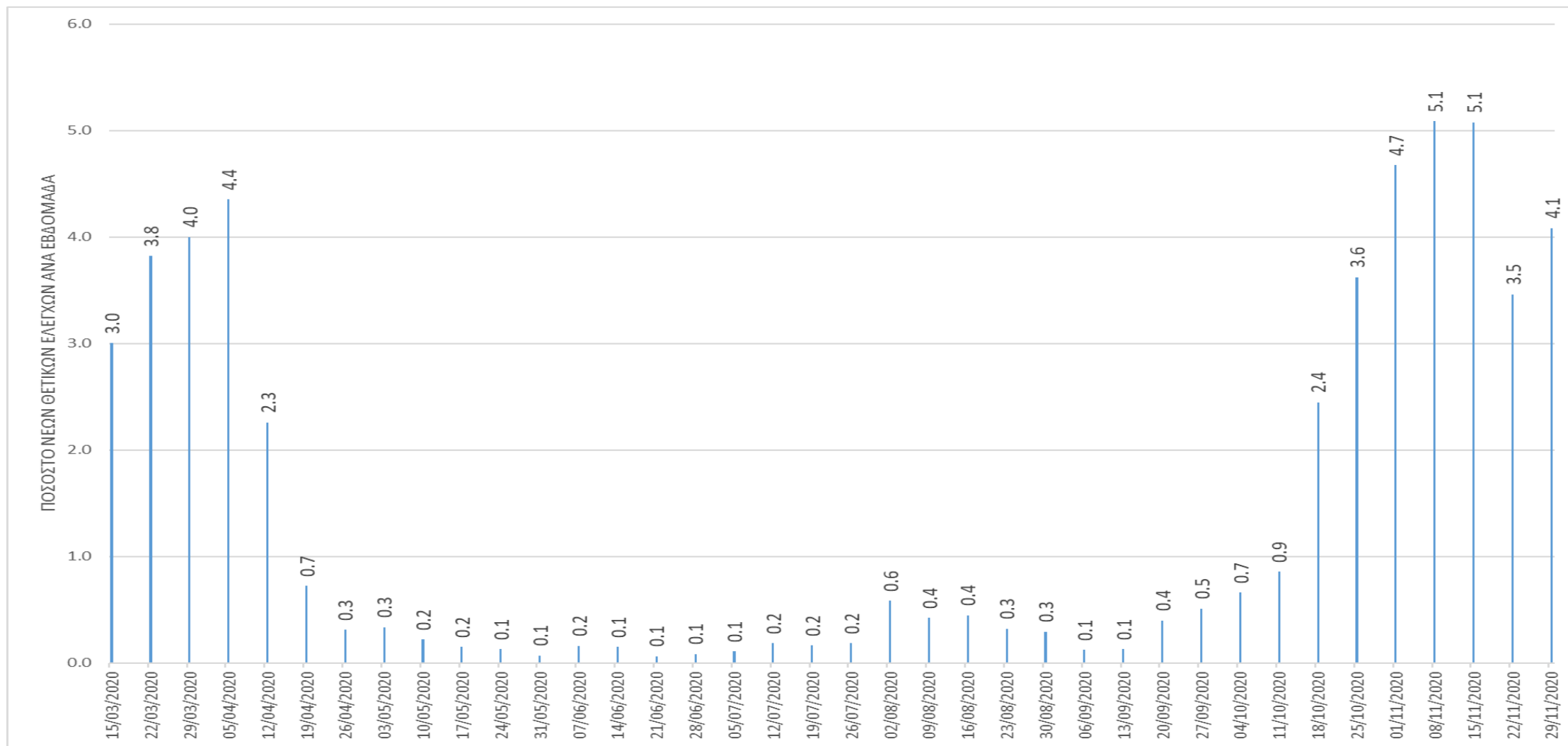
Cases in intensive care units (ICU)*

- Total: 62 (10.1% of all ever hospitalized patients) have ever been admitted to ICU – 14 currently in ICU (December 2nd)



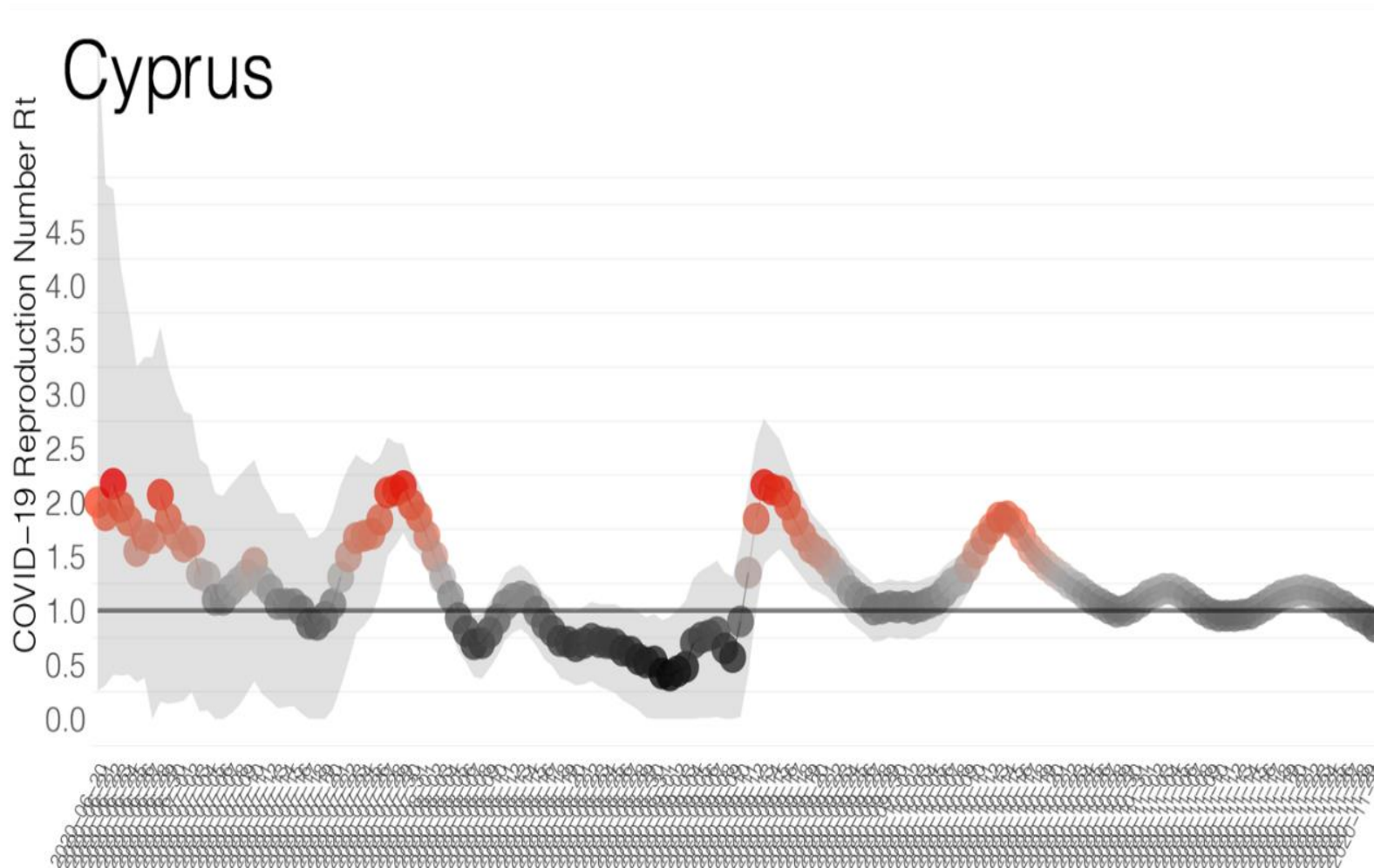
*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

Percentage of laboratory tests (molecular) with a positive result (new cases), per week



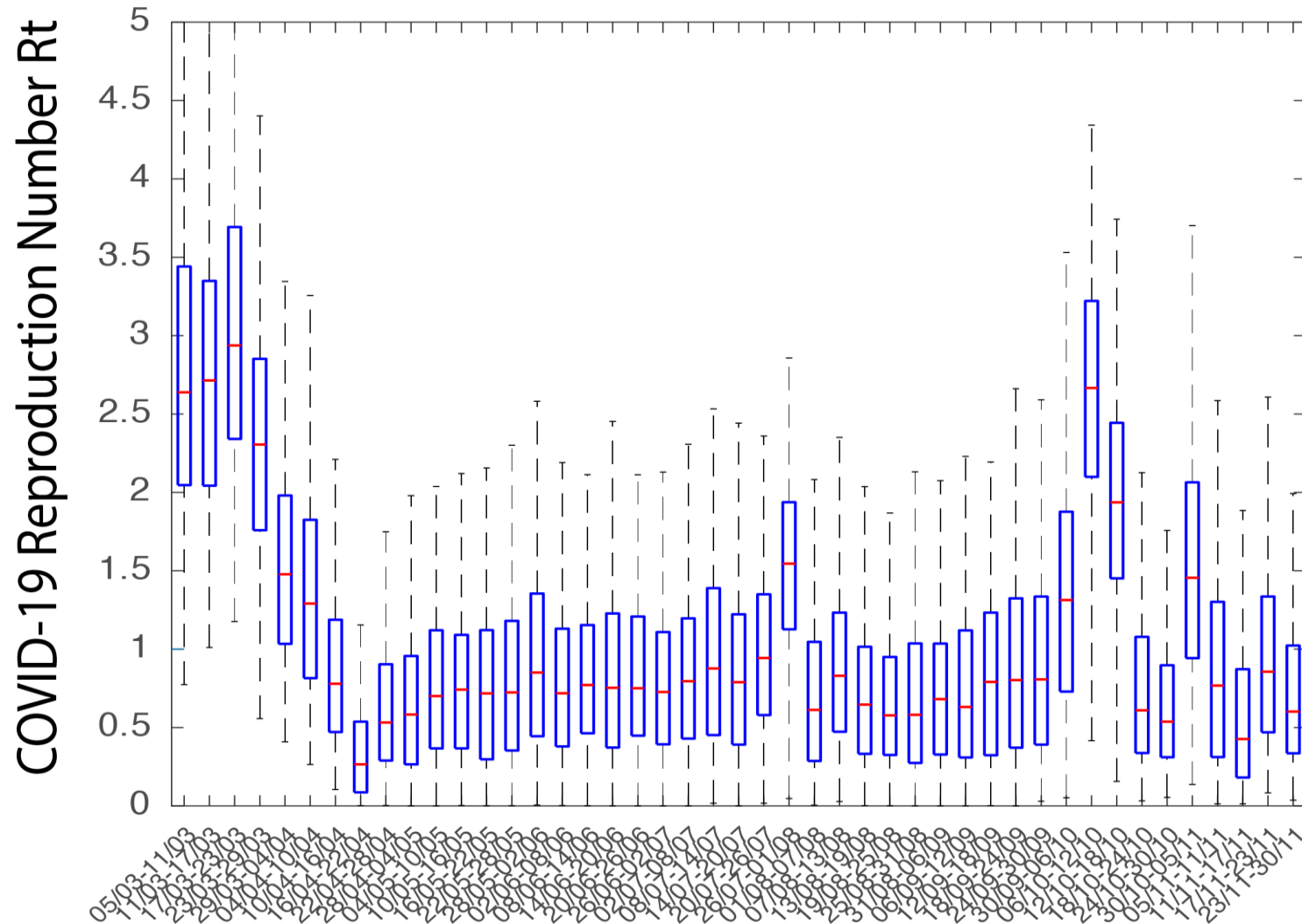
Effective reproductive number (R_t) – Method A

R_t 24 - 30 Nov: 0.99 (0.91 - 1.04)



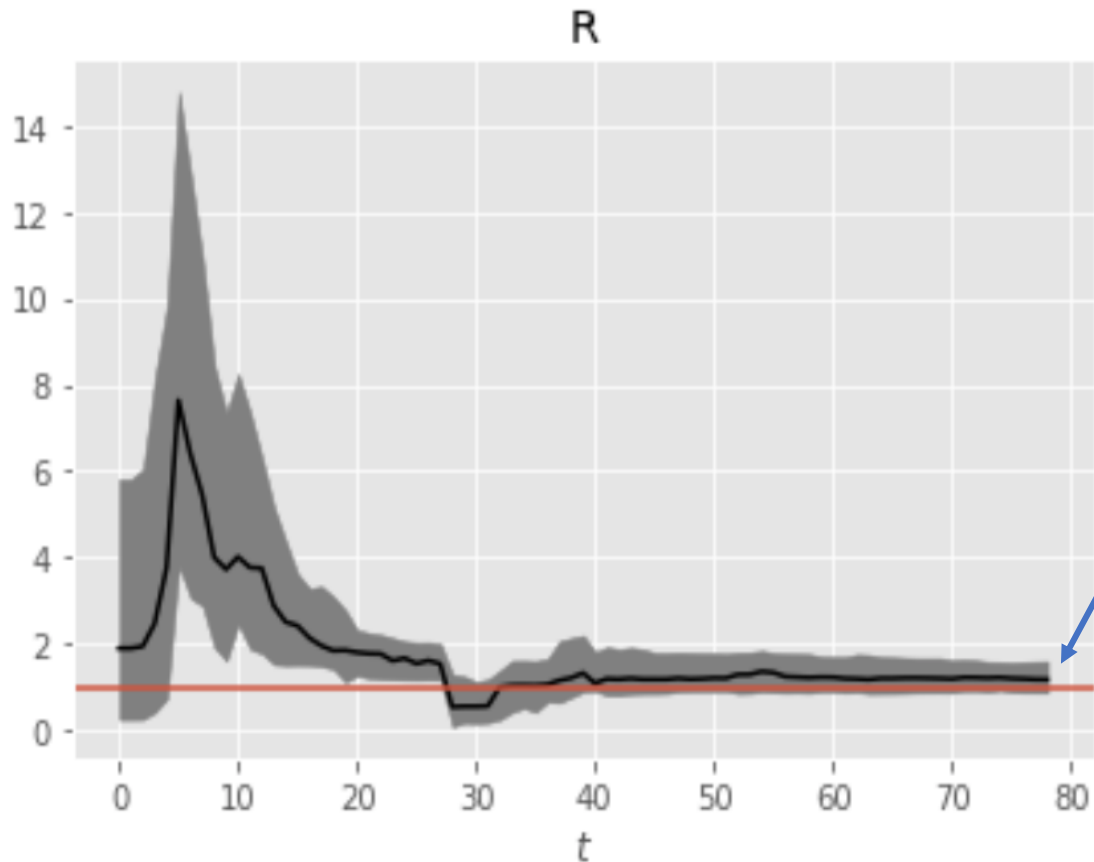
Effective reproductive number (Rt) – Method B

R_t 23 – 30 Nov: 0.73



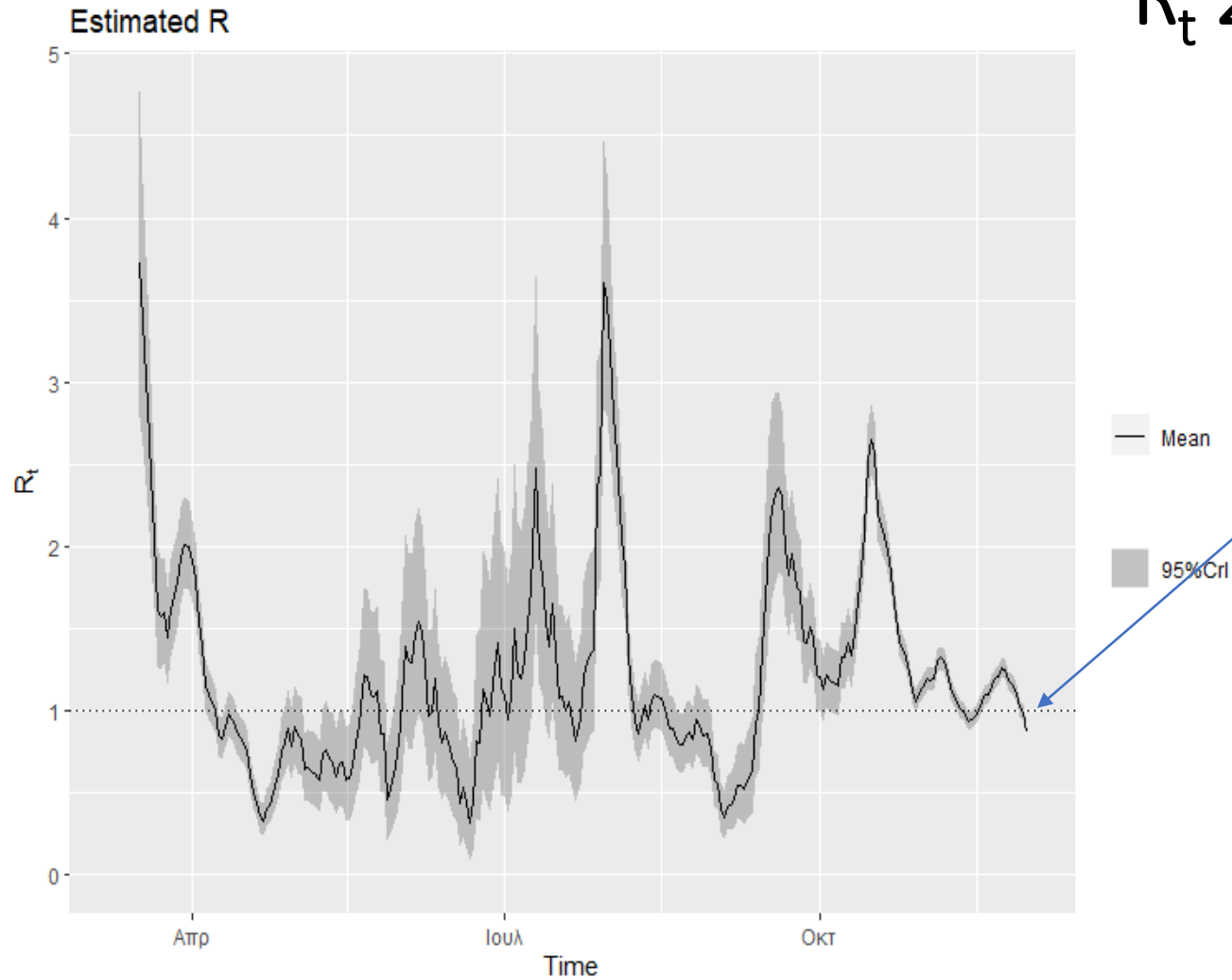
Effective reproductive number (R_t) – Method C

R_t recent days: 1.15 (90% credibility interval for the last day 0.88-1.60)



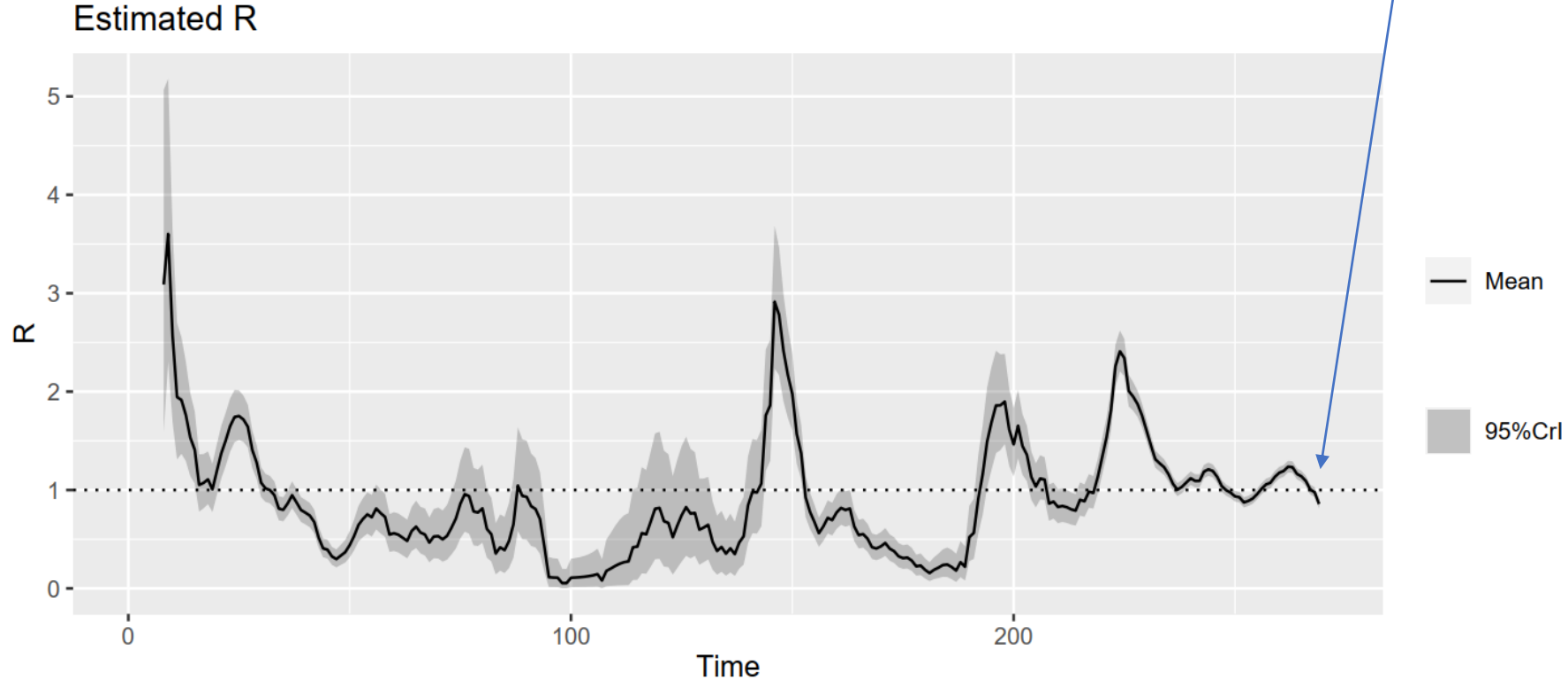
Effective reproductive number (R_t) – Method D (all cases)

R_t 24 - 30 Nov: 0.86 (0.82 - 0.91)

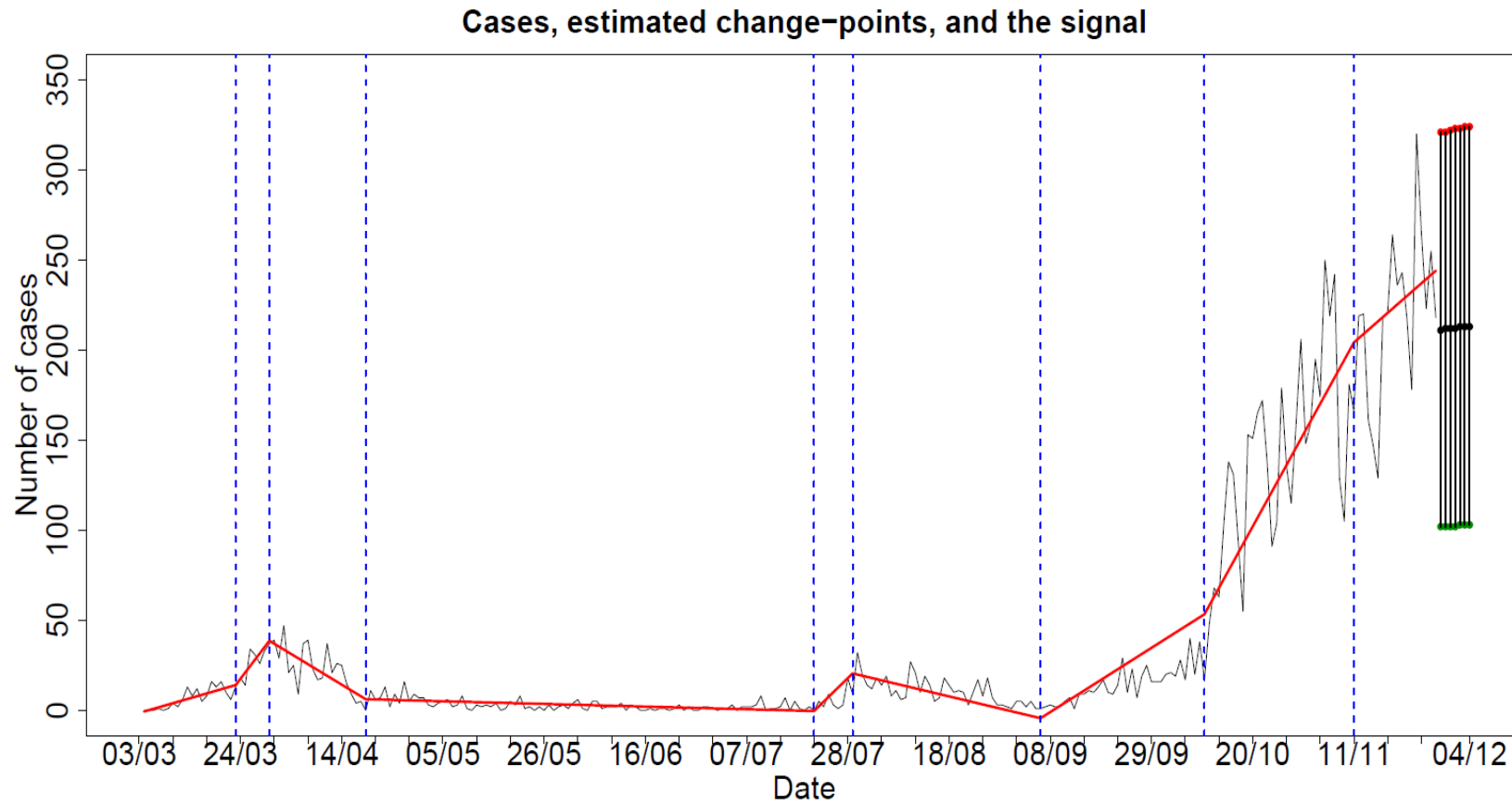


Effective reproductive number (R_t) – Method D (locally-acquired or imported cases)

R_t 24-30 Nov: 0.86 (0.81 - 0.90)



Change-point analysis and predictions



Mathematical Modeling of COVID-19 Pandemic

Research Team

C. Nicolaides, S. Agapiou, A. Anastasiou, A. Baxevani, T. Christofides, K. Fokianos, G. Hadjigeorgiou, G. Nikolopoulos, E. Constantinou

Laboratory tests for SARS-CoV-2

Research Team

- Epidemiological Surveillance Unit, Ministry of Health
- Contributors: Christiana Dimitriou, Christos Charalambous, Ourania Kolokotroni, Alexandros Heraclidis, Ioanna Gregoriou, Olga Kalakouta, Georgios Nikolopoulos

Epidemiological Surveillance Unit of the Ministry of Health, Cyprus

- Contributors: Annalisa Quattrocchi, Ioannis Mamais, Valentinos Silvestros, Anna Demetriou (Health Monitoring Unit), Maria Athanasiadou (Health Monitoring Unit), Theopisti Prianou (Health Monitoring Unit), Androulla Stylianou, Sotiroula Sotiriou, Fani Theofhanous, Christos Charalambous, Ioanna Gregoriou, Maria Koliou, Olga Kalakouta, Georgios Nikolopoulos
- Scientific Committee: Constantinos Constantinou, Niki Paphitou, Georgios Nikolopoulos, Maria Koliou, George Panos, Eirini Christaki, Zoi - Dorothea Pana, Constantinos Tsioutis, Leontios Kostrikis, Peter Karayiannis, George Petrikkos, Petros Agathangelou, George Mixides