

Coronavirus Disease 2019 (COVID-19) in Cyprus

Surveillance Report as of 31/10/2020

Nicosia 05/11/2020

Data in brief (as of 31/10/2020)

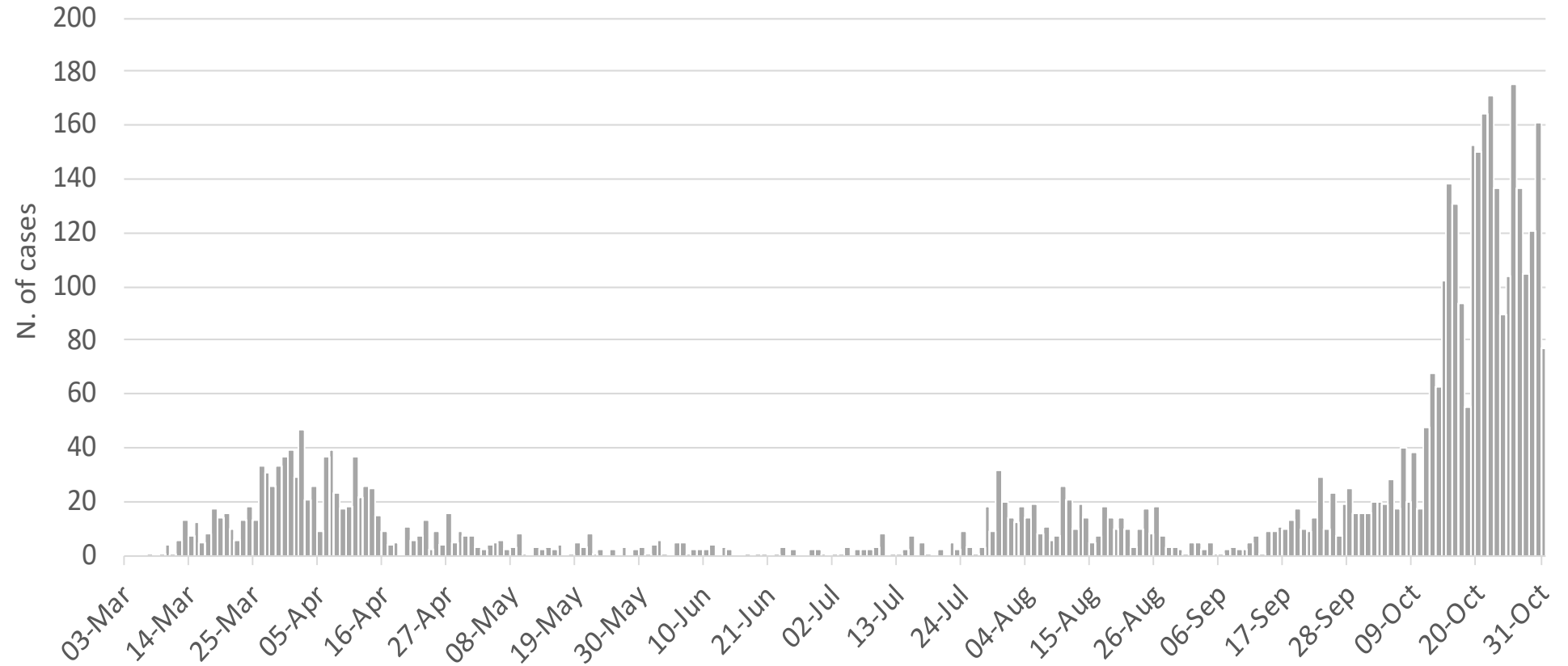
Laboratory-confirmed cases	Locally-acquired (%)	Recovered [§] (%)	Deaths (%)
4,422	3,388 (76.6%)	1,627 (37%)	33 (0.8%)

§Among cases alive

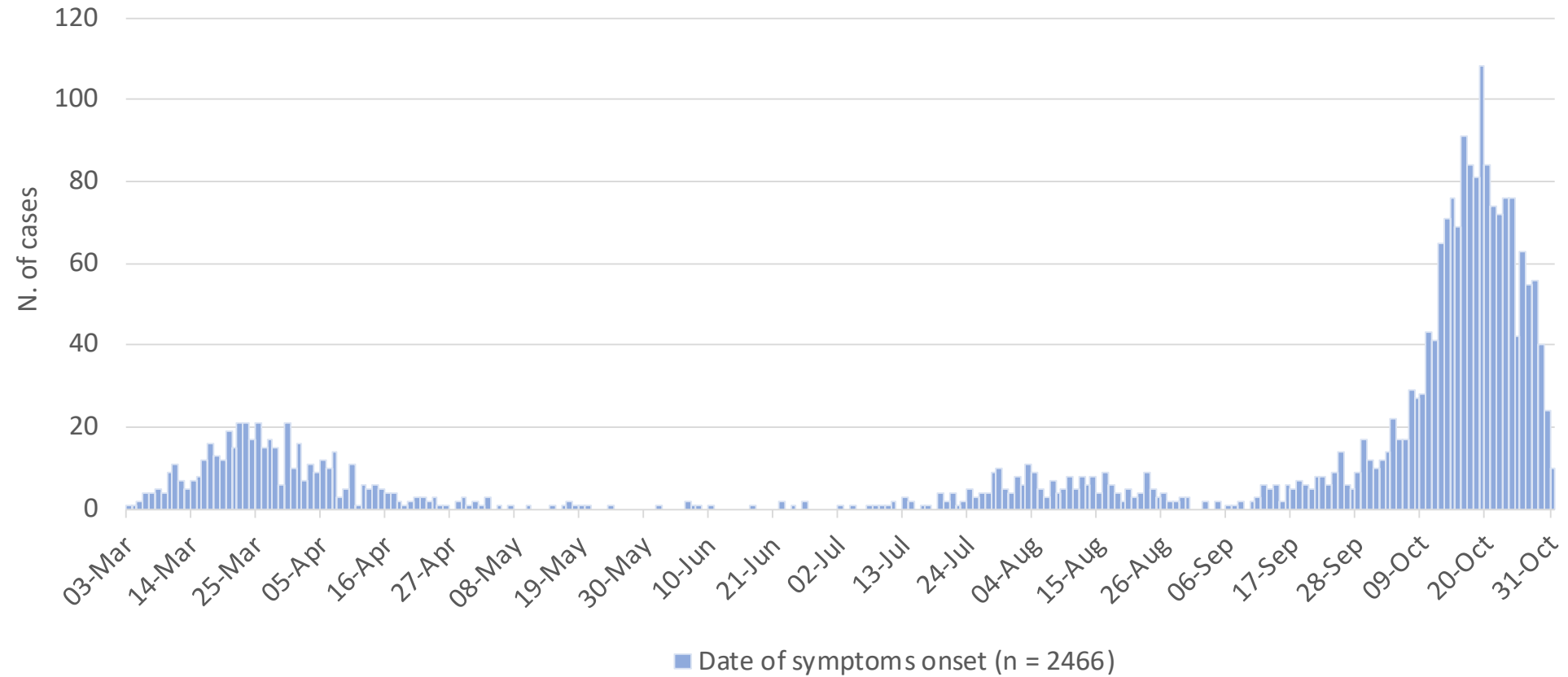
Hospital care / currently (%)	Currently in Intensive Care Unit*
328 (7.4%) / 43 (13.1%)	5

**Date of discharge/transfer/death included*

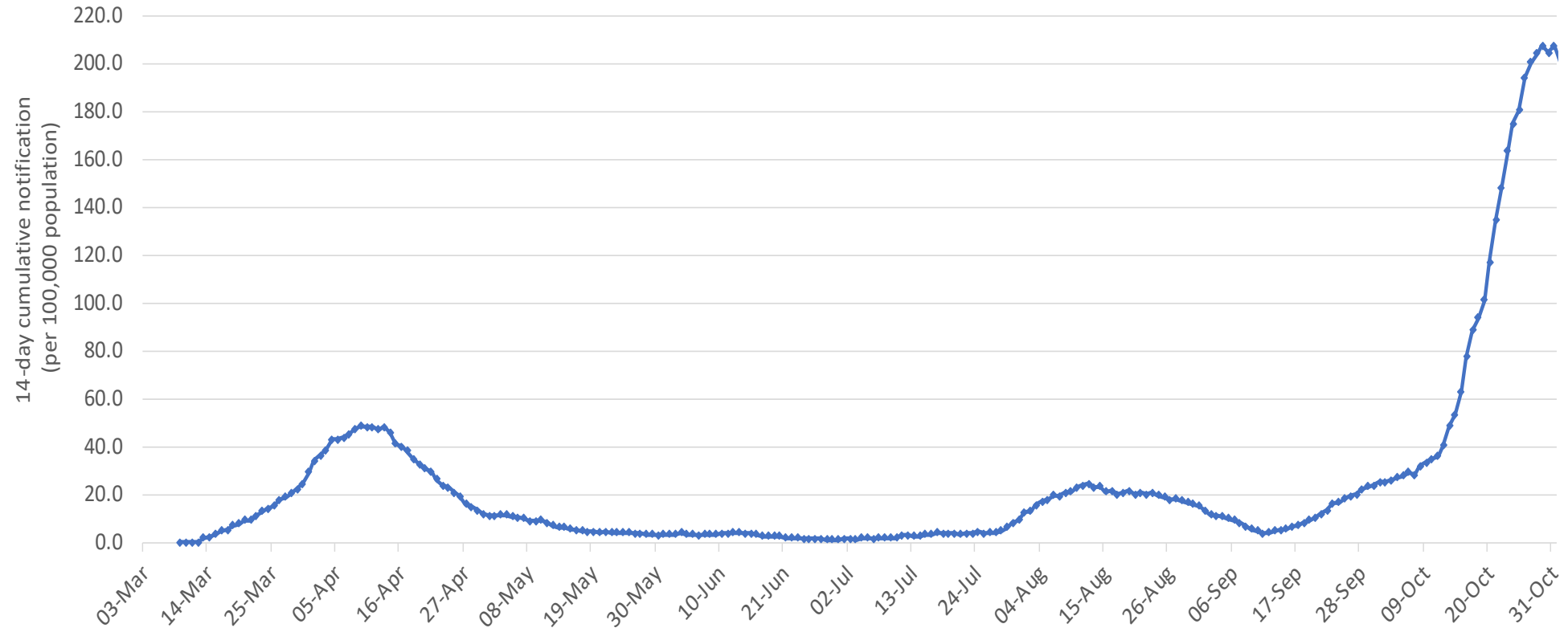
Laboratory-confirmed cases by date of sampling



Laboratory-confirmed cases by date of symptom onset



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



March 23rd: 14 days since the first reported case

Data in brief (Last 14 days – 18 to 31 of October)

Laboratory-confirmed cases	Locally-acquired (%)	Recovered [§] (%)	Deaths (%)
1,800	1,536 (85.3%)	6 (0.33%)	1 (0.06%)

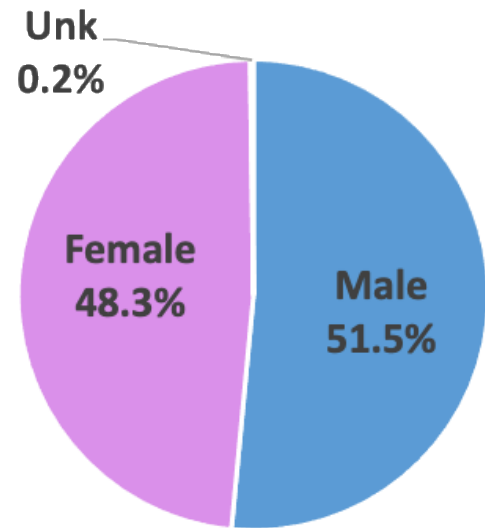
§Among cases alive

Hospital care / currently (%)	Currently in Intensive Care Unit*
48 (2.6%) / 43 (89.6%)	5

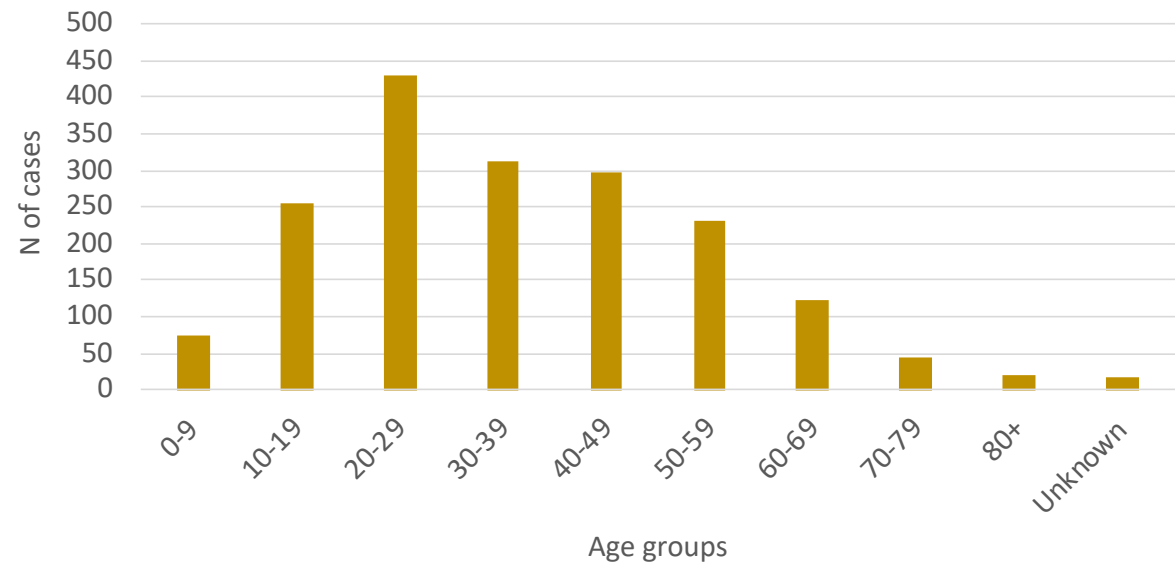
**Date of discharge/transfer/death included*

Distribution of cases by sex and age groups for cases diagnosed in the last 14 days (n = 1.800)

Sex

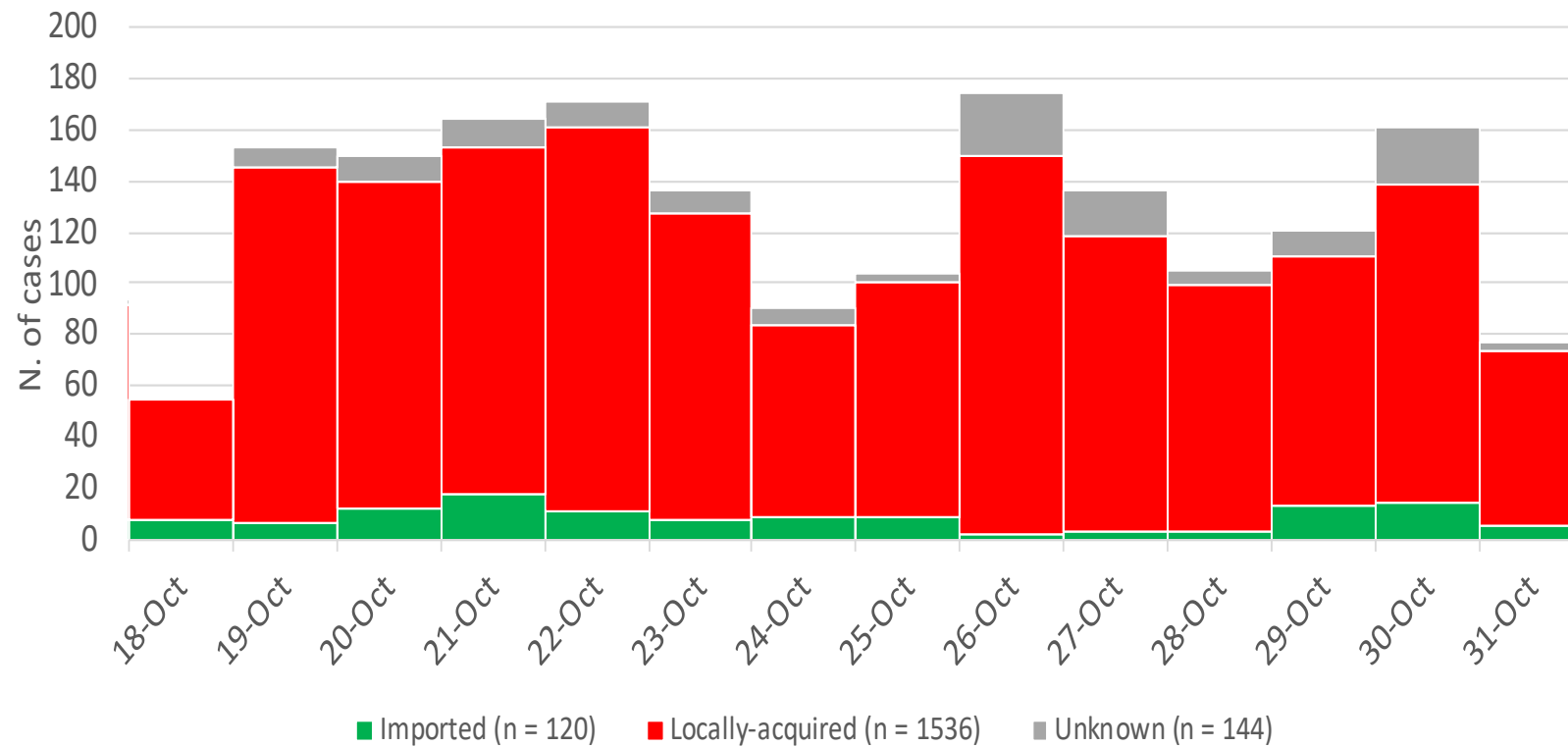


Age groups



Median age: 33 years (interquartile range: 23-48 years)

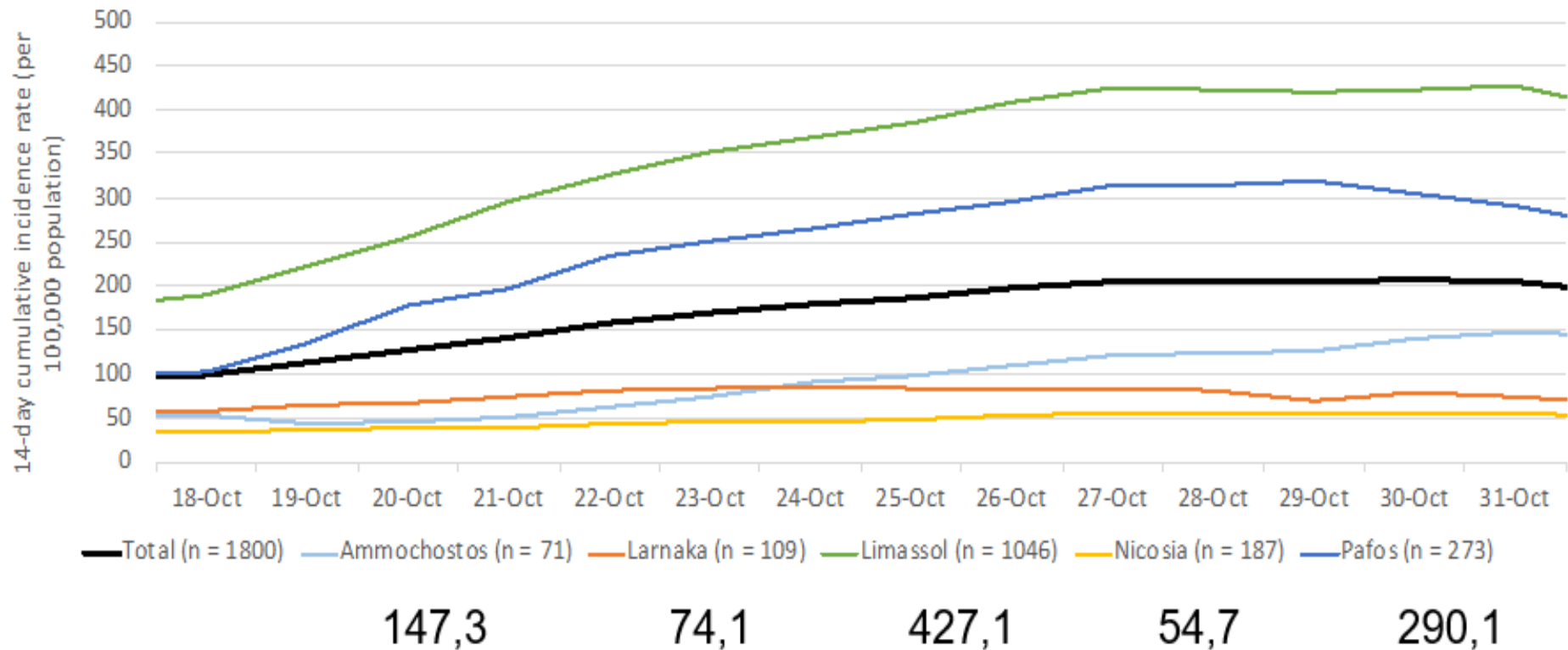
COVID-19 cases by origin of infection and by date of sampling for the last 14 days



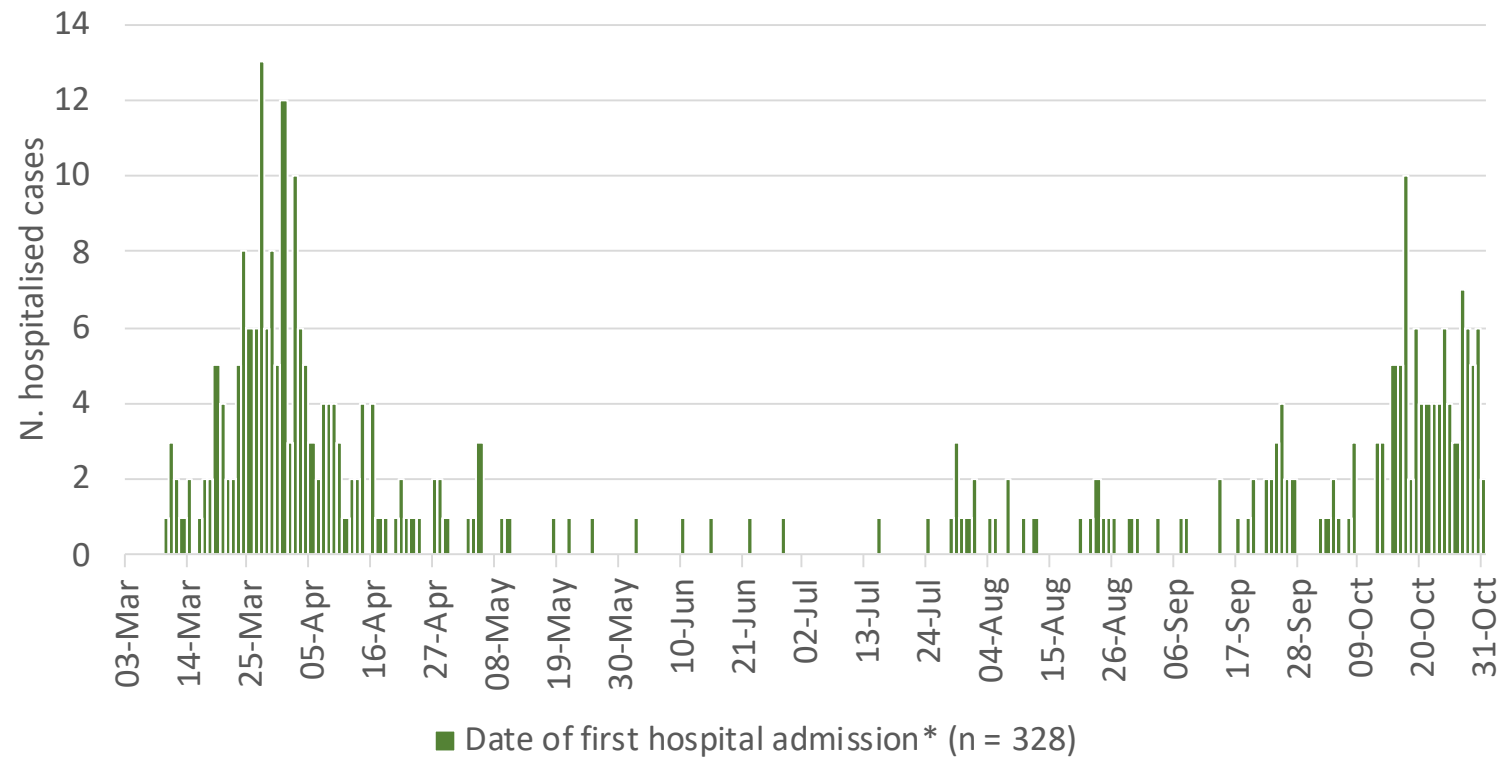
COVID-19 cases characteristics for the last 14 days

Characteristics	Total (n = 1800)		Imported (n = 120)		Locally-acquired (n = 1536)		Unknown (n = 144)	
	N	%	N	%	N	%	N	%
Sex								
Male	927	51.5	59	49.2	777	50.6	91	63.2
Female	869	48.3	61	50.8	759	49.4	49	34.0
Unknown	4	0.2	0	0.0	0	0.0	4	2.8
Age groups (years)								
0-9	74	4.1	1	0.8	71	4.6	2	1.4
10-19	254	14.1	9	7.5	229	14.9	16	11.1
20-29	429	23.8	37	30.8	355	23.1	37	25.7
30-39	312	17.3	20	16.7	265	17.3	27	18.8
40-49	297	16.5	22	18.3	252	16.4	23	16.0
50-59	230	12.8	17	14.2	199	13.0	14	9.7
60-69	121	6.7	4	3.3	109	7.1	8	5.6
70-79	45	2.5	7	5.8	36	2.3	2	1.4
80+	20	1.1	0	0.0	17	1.1	3	2.1
Unknown	18	1.0	3	2.5	3	0.2	12	8.3
Median age in years (IQR*)	33 (23-48)		33 (24-48)		33 (23-48)		33 (23-45.5)	
District								
Ammochostos	71	3.9	15	12.5	54	3.5	2	1.4
Larnaka	109	6.1	19	15.8	85	5.5	5	3.5
Limassol	1046	58.1	41	34.2	945	61.5	60	41.7
Nicosia	187	10.4	15	12.5	163	10.6	9	6.3
Pafos	273	15.2	11	9.2	248	16.1	14	9.7
Other	114	6.3	19	15.8	41	2.7	54	37.5
Symptoms at diagnosis								
Yes	1253	69.6	61	50.8	1128	73.4	64	44.4
No	463	25.7	52	43.3	395	25.7	16	11.1
Unknown	84	4.7	7	5.8	13	0.8	64	44.4

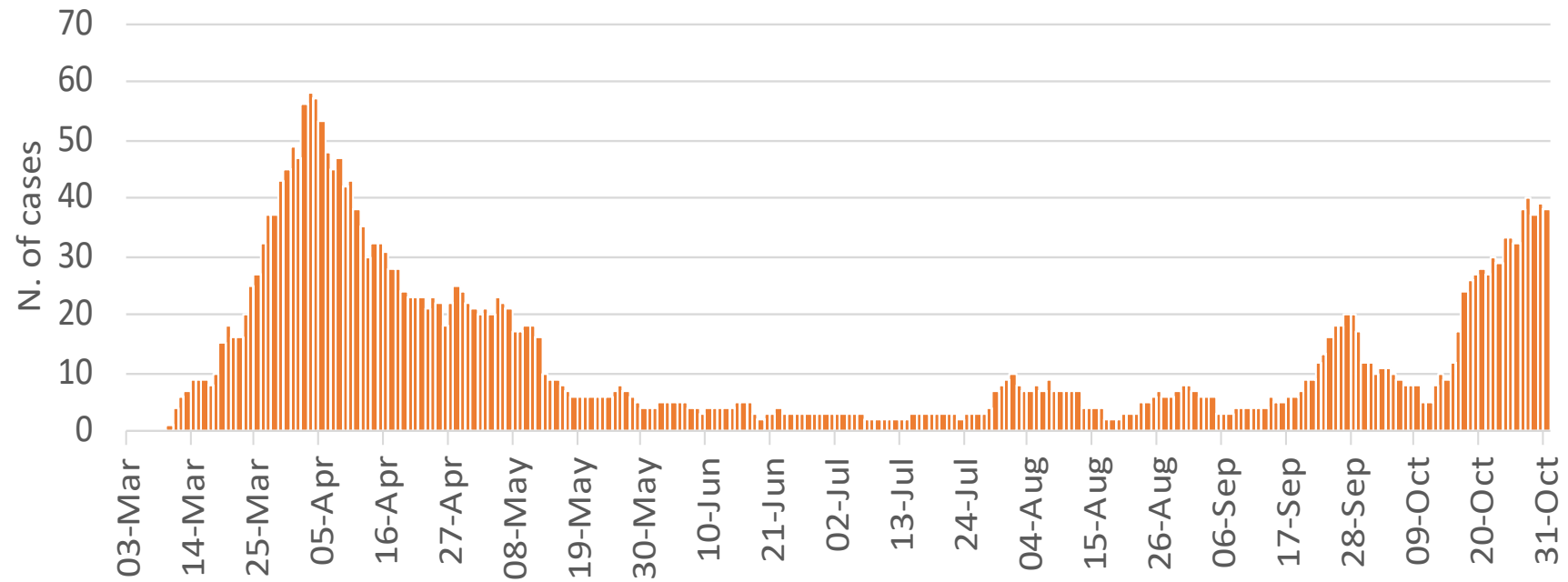
COVID-19 14-day cumulative incidence rate per 100,000 population, overall and by district for the last 14 days



Number of cases by date of hospital admission

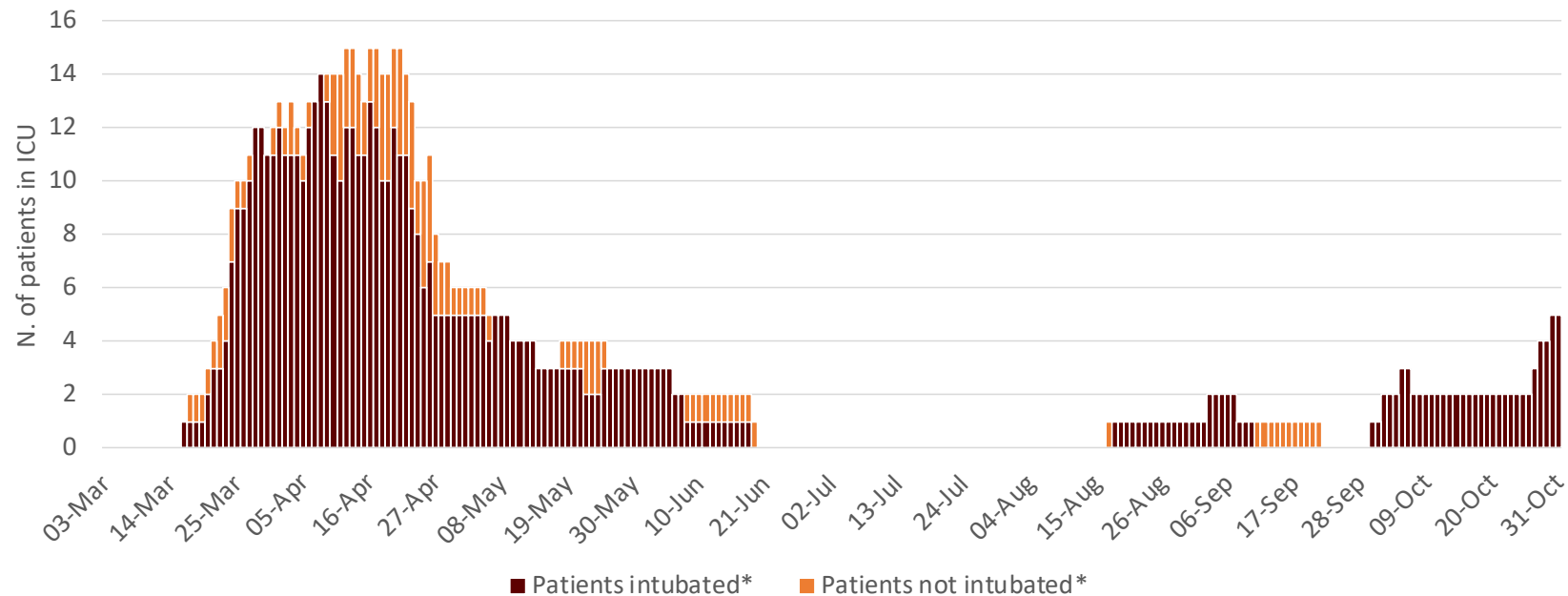


Cases in hospital every day



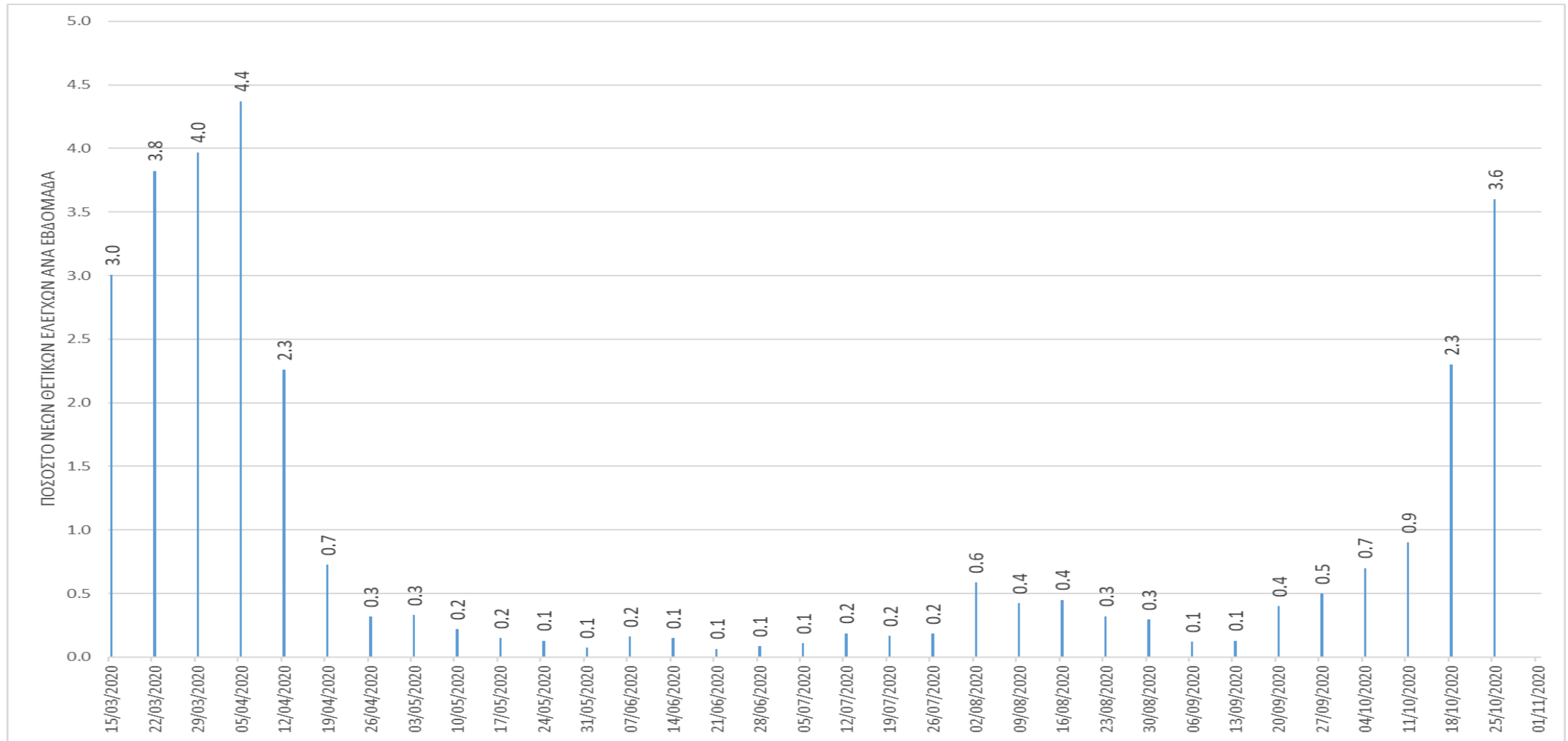
Cases in intensive care units (ICU)*

- Total: 39 (11.9% of all ever hospitalized patients) have ever been admitted to ICU – 5 currently in ICU (October 31st)



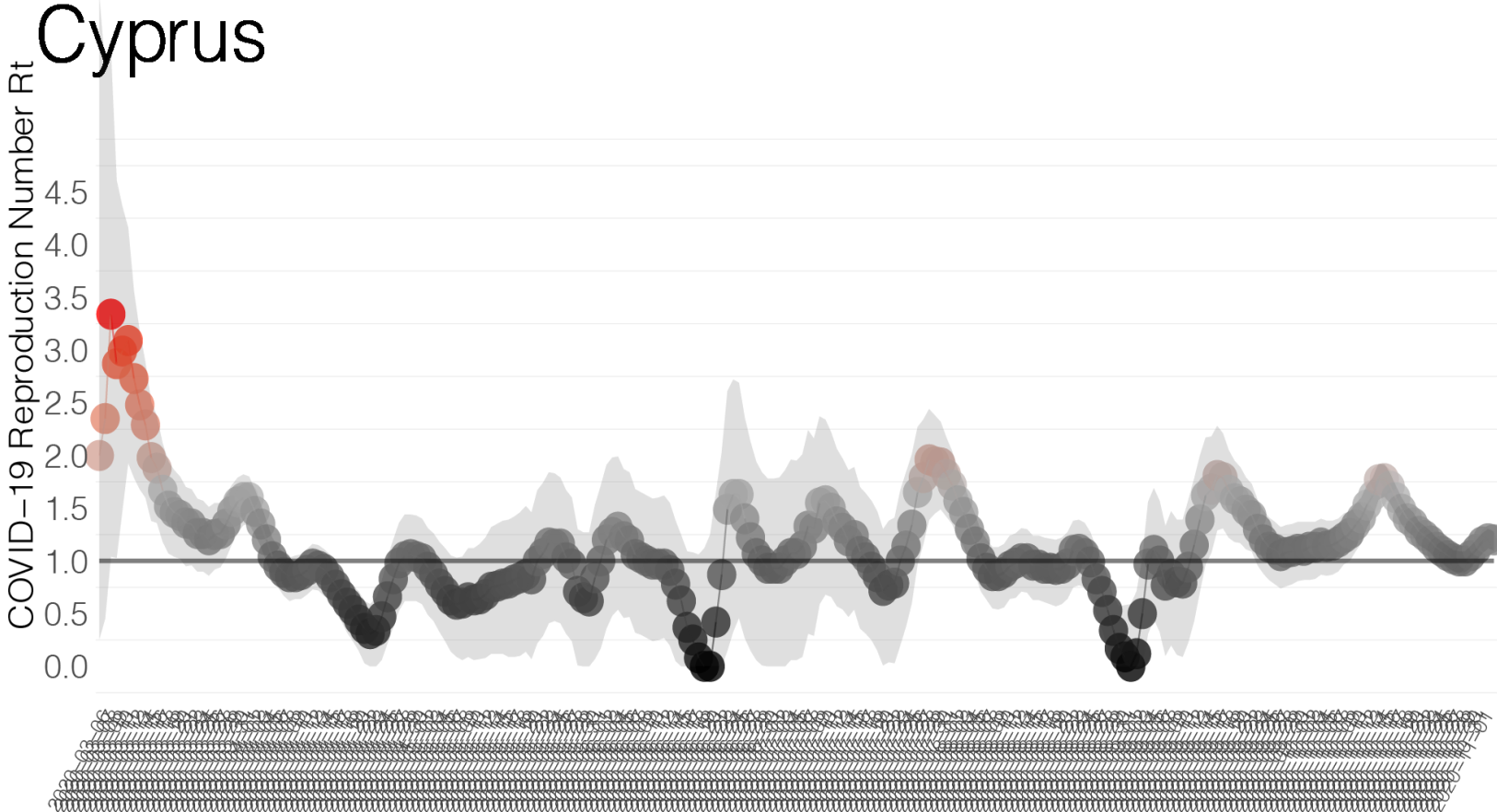
*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

Percentage of laboratory tests with a positive result, per week



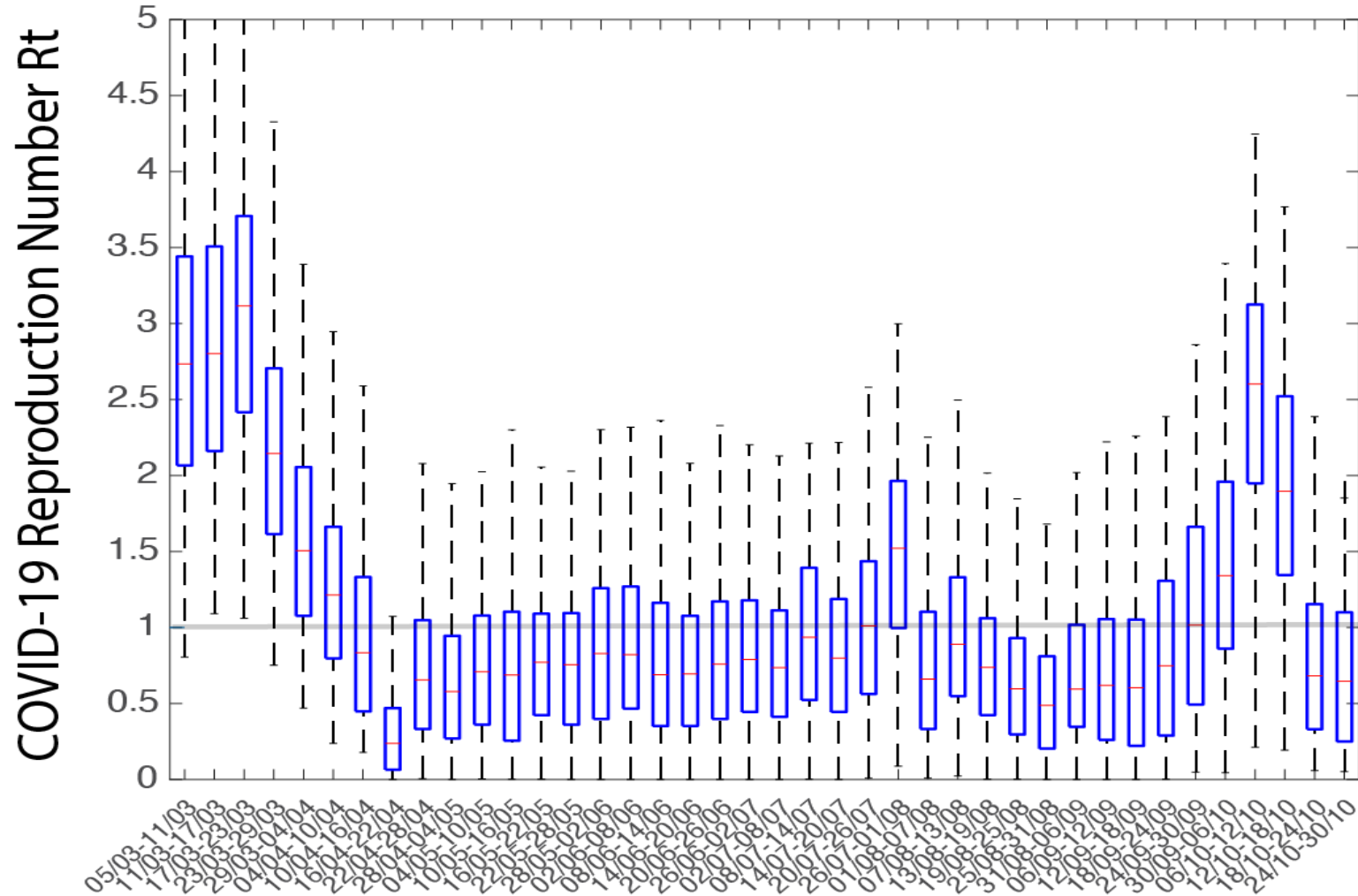
Effective reproductive number (Rt) – Method A

R_t 24 - 30 Oct: 1.10 (1.00 - 1.19)



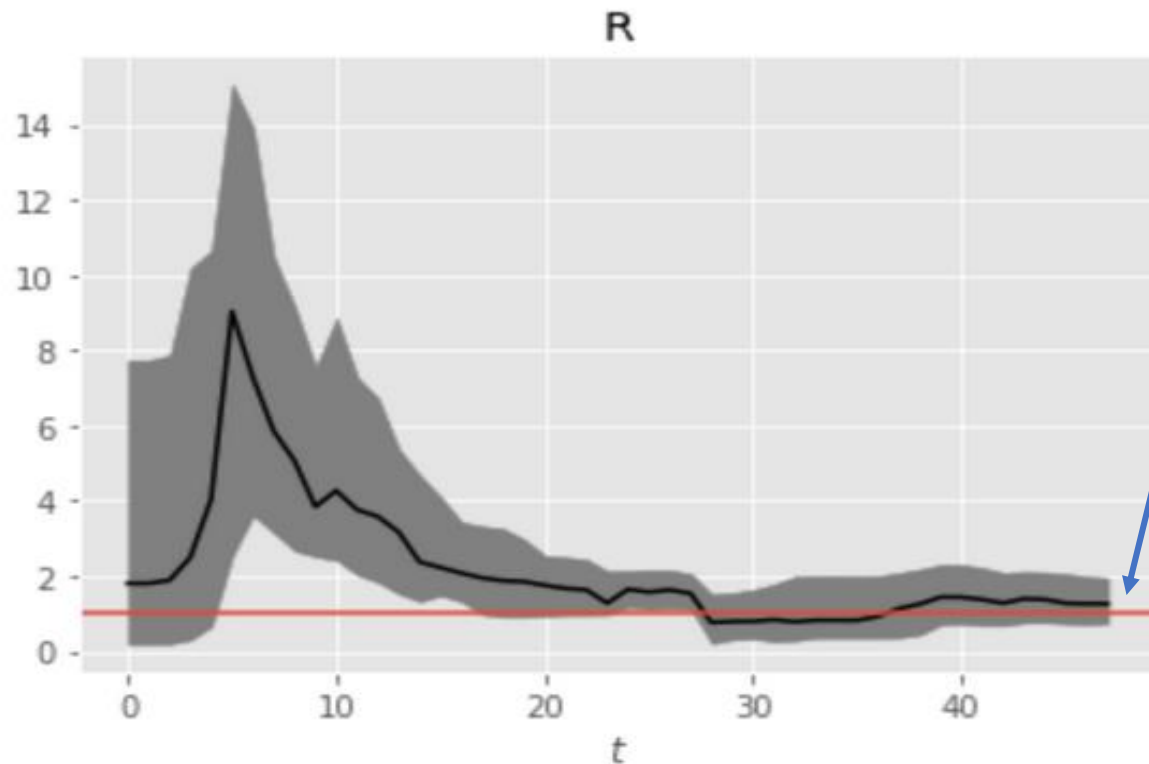
Effective reproductive number (Rt) – Method B

R_t 24 – 30 Oct: 0.67



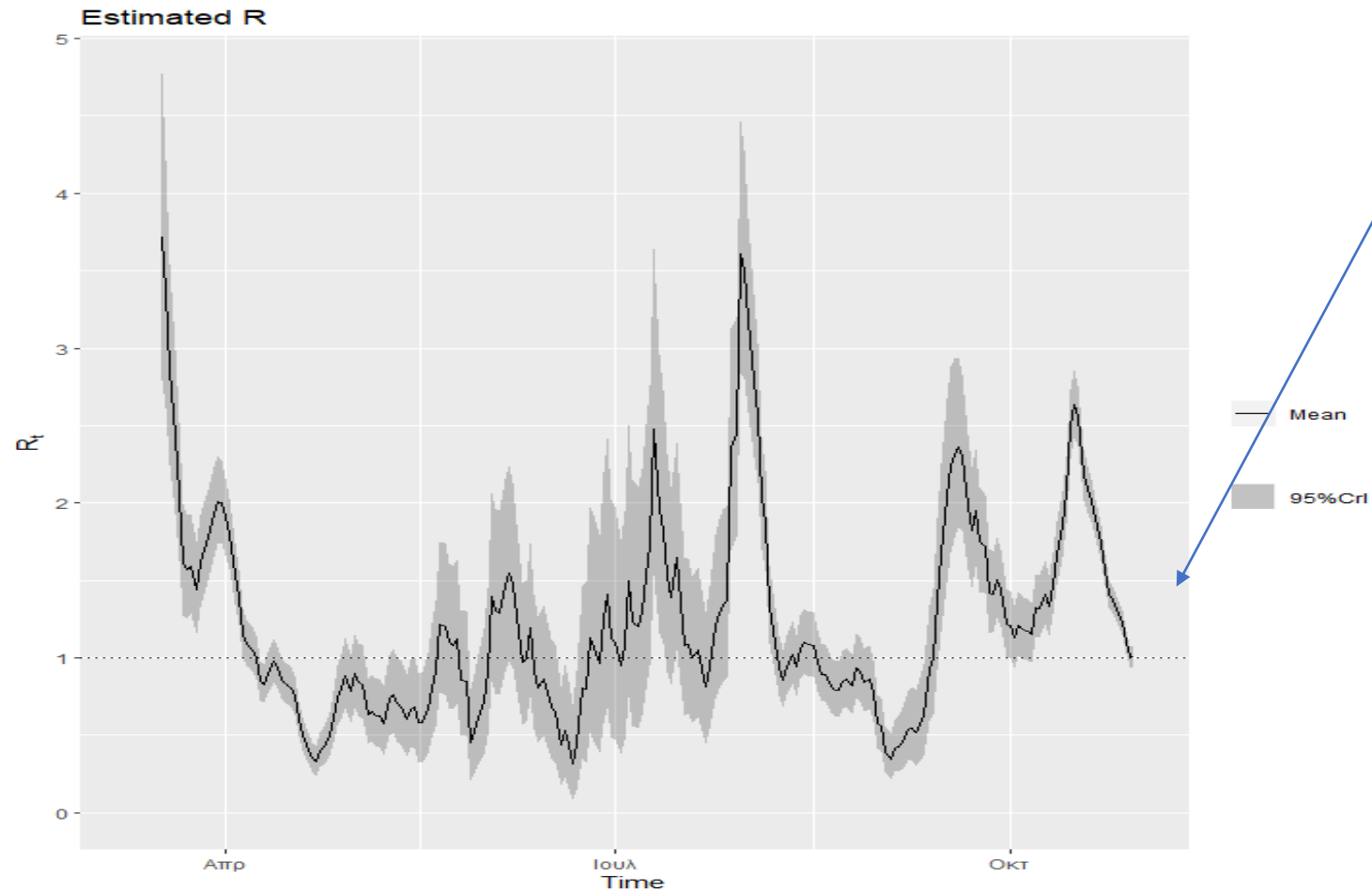
Effective reproductive number (R_t) – Method C

R_t recent days: 1.2 (90% credibility interval for the last day 0.75-1.95)



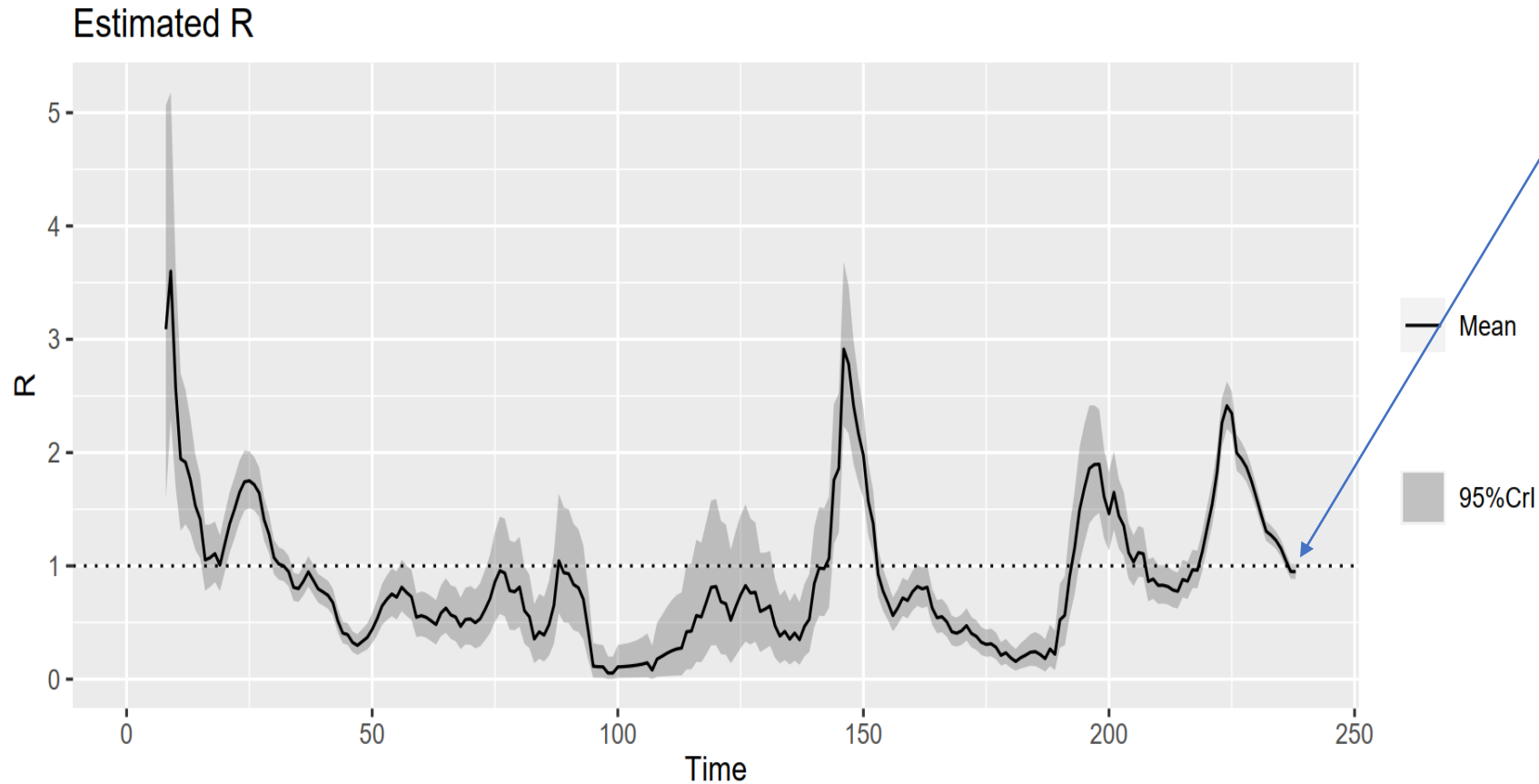
Effective reproductive number (R_t) – Method D (all cases)

R_t 24-30 Oct: 1 (0.94 - 1.07)

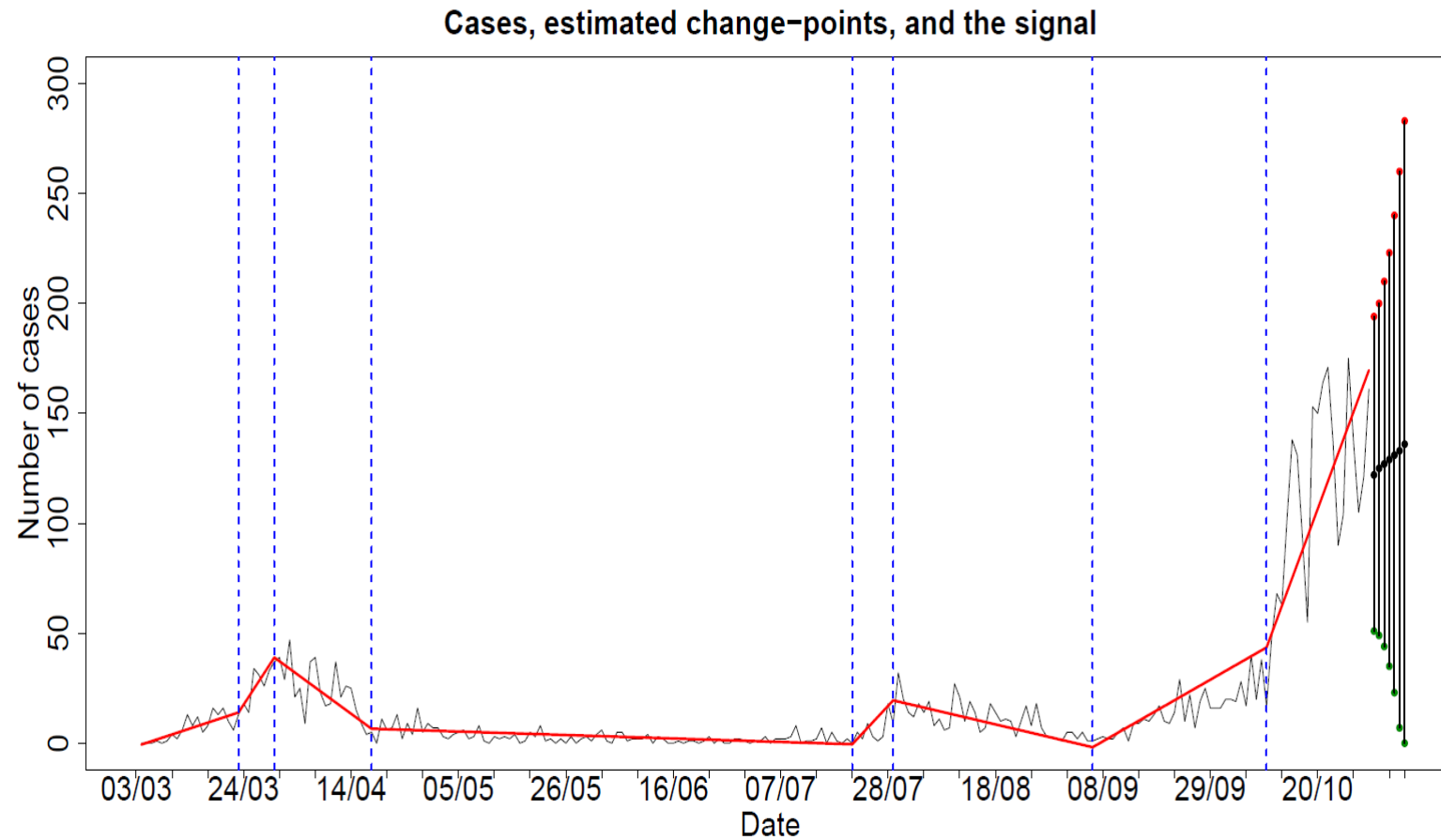


Effective reproductive number (R_t) – Method D (locally-acquired or imported cases)

R_t 24-30 Oct: 0.95 (0.89 - 1.01)



Change-point analysis and predictions



Mathematical Modeling of COVID-19 Pandemic

Research Team

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Laboratory tests for SARS-CoV-2

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