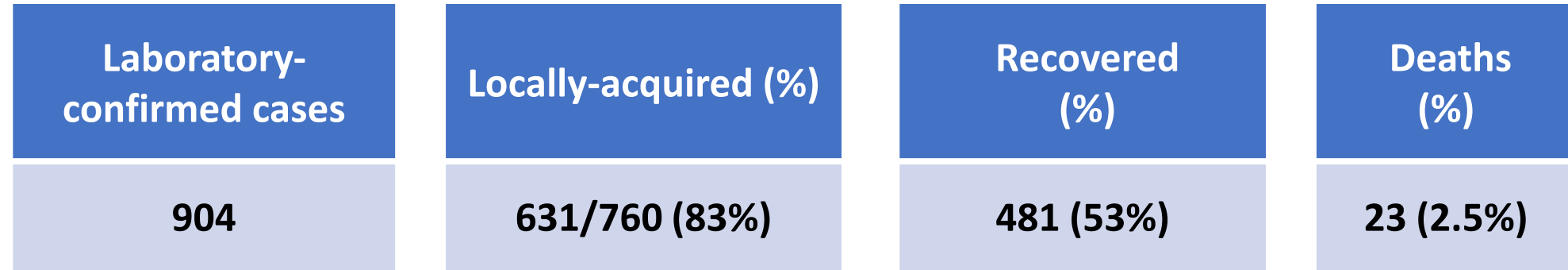


Coronavirus Disease 2019 (COVID-19) in Cyprus

Surveillance Report as of 12/05/2020

Nicosia 14/05/2020

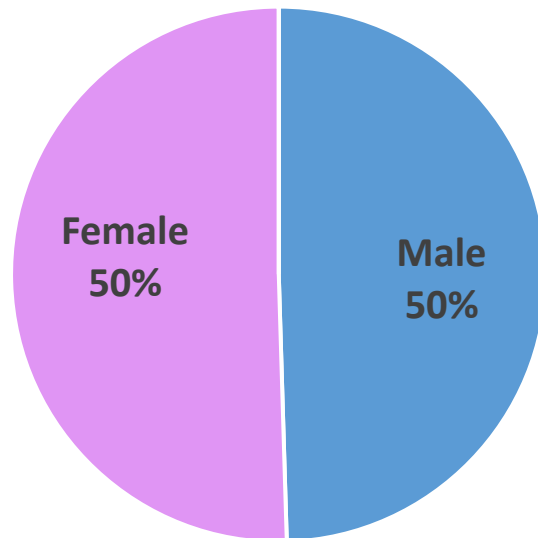
Data in brief



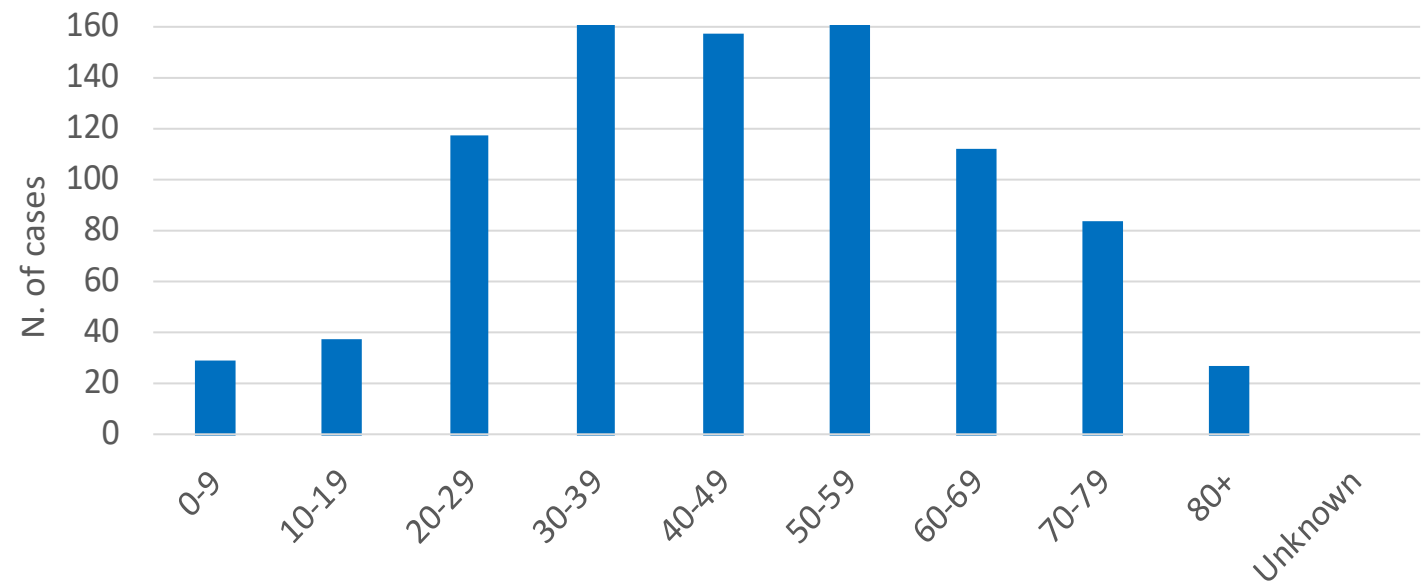
**Date of discharge/transfer/death included*

Distribution of cases by sex and age groups

Sex

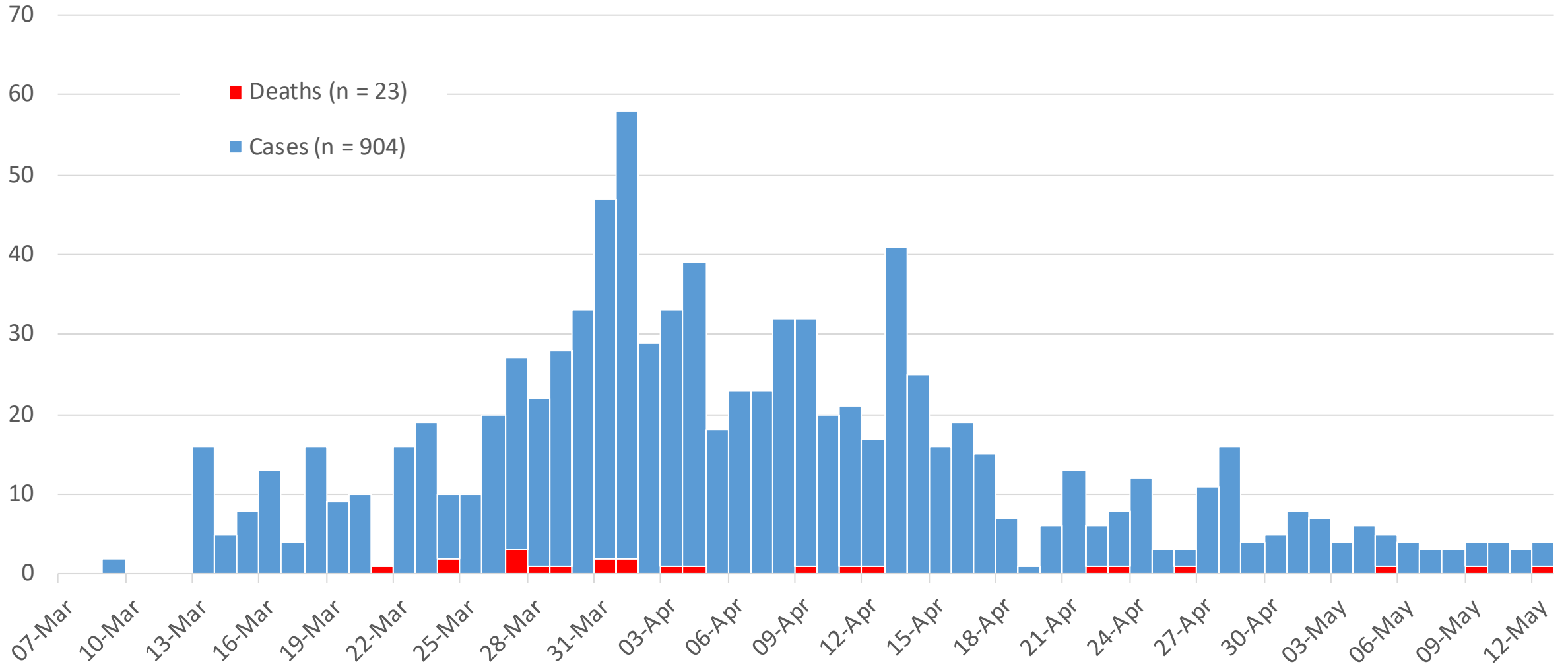


Age groups

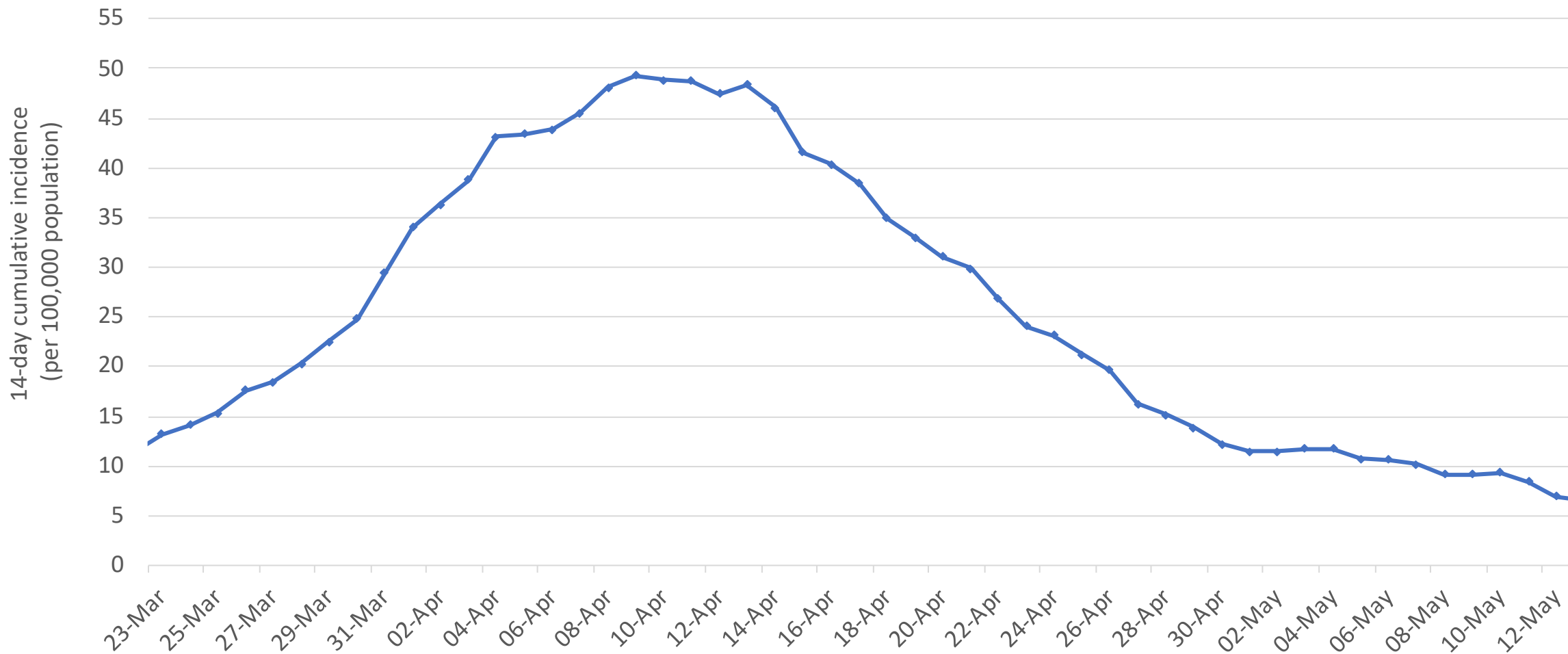


Median age: 45 years (interquartile range: 32-59 years)

Laboratory-confirmed cases and deaths by date of reporting

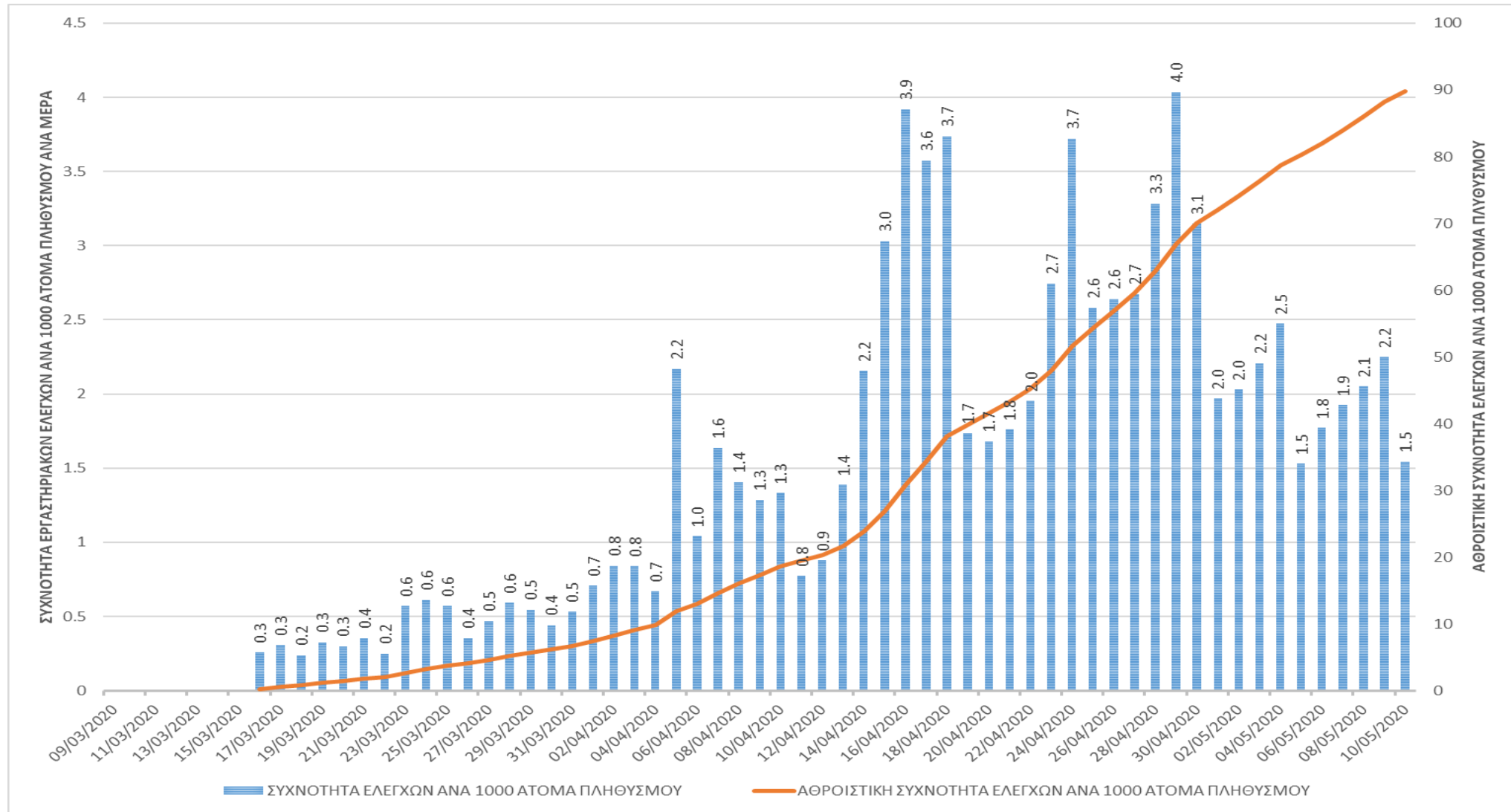


COVID-19 14-day cumulative incidence rate per 100,000 population (proxy of COVID-19 prevalence)

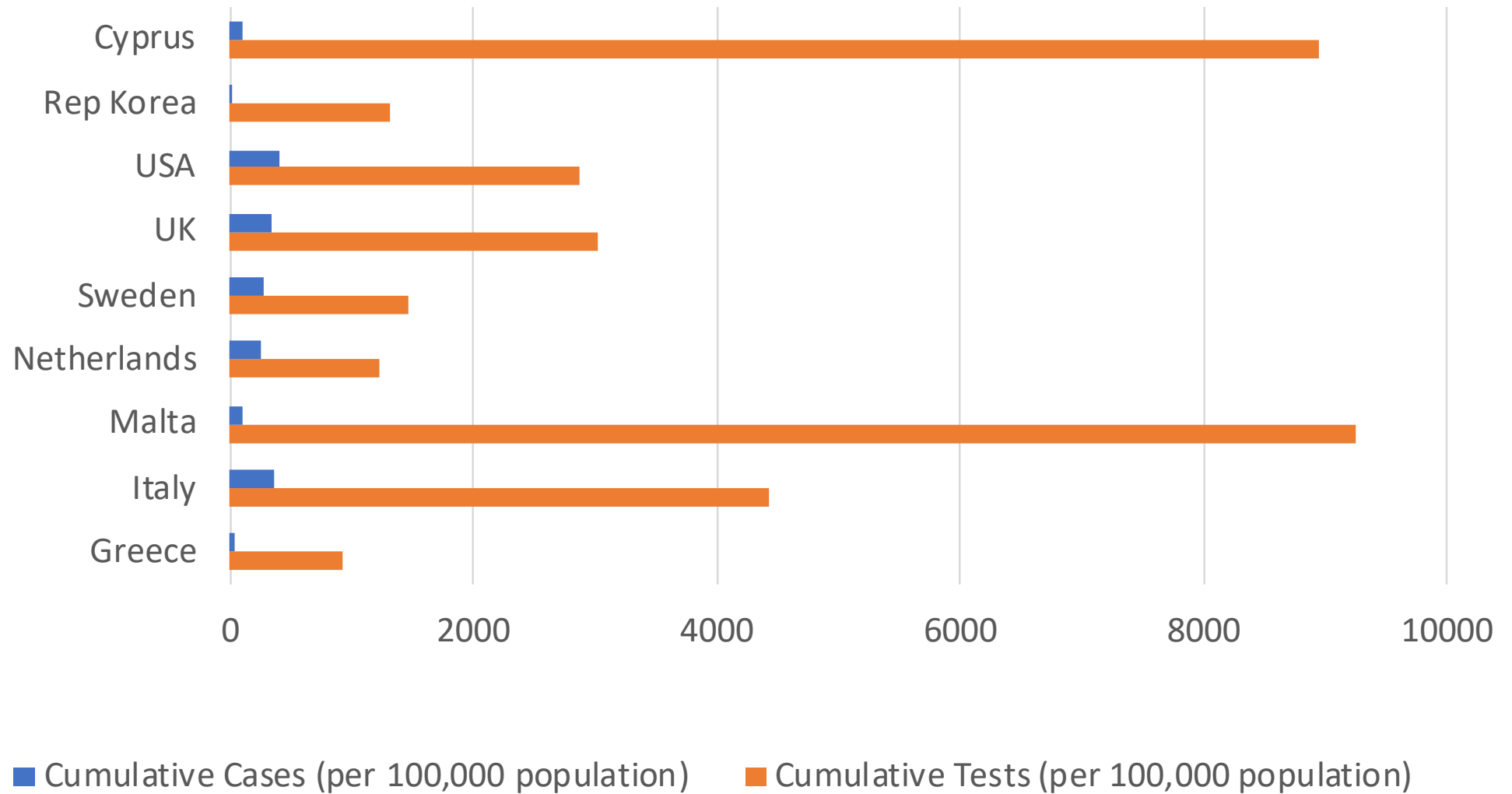


March 23rd: 14 days since the first reported case

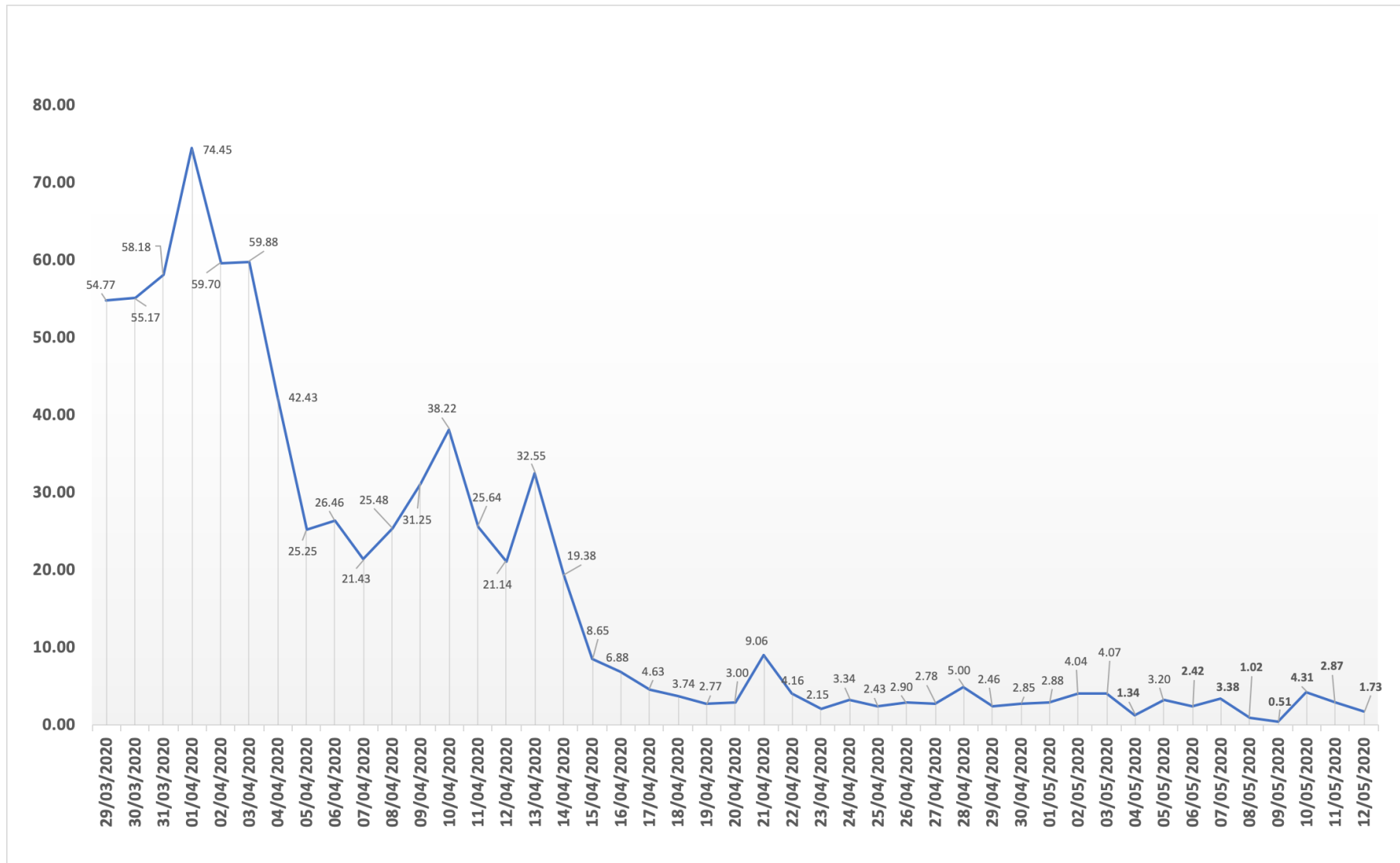
Frequency of laboratory tests for SAR-coV-2 per day and in total (as of 10/05/2022)



Comparison with other countries - cases and tests (as of 12/05/2020)



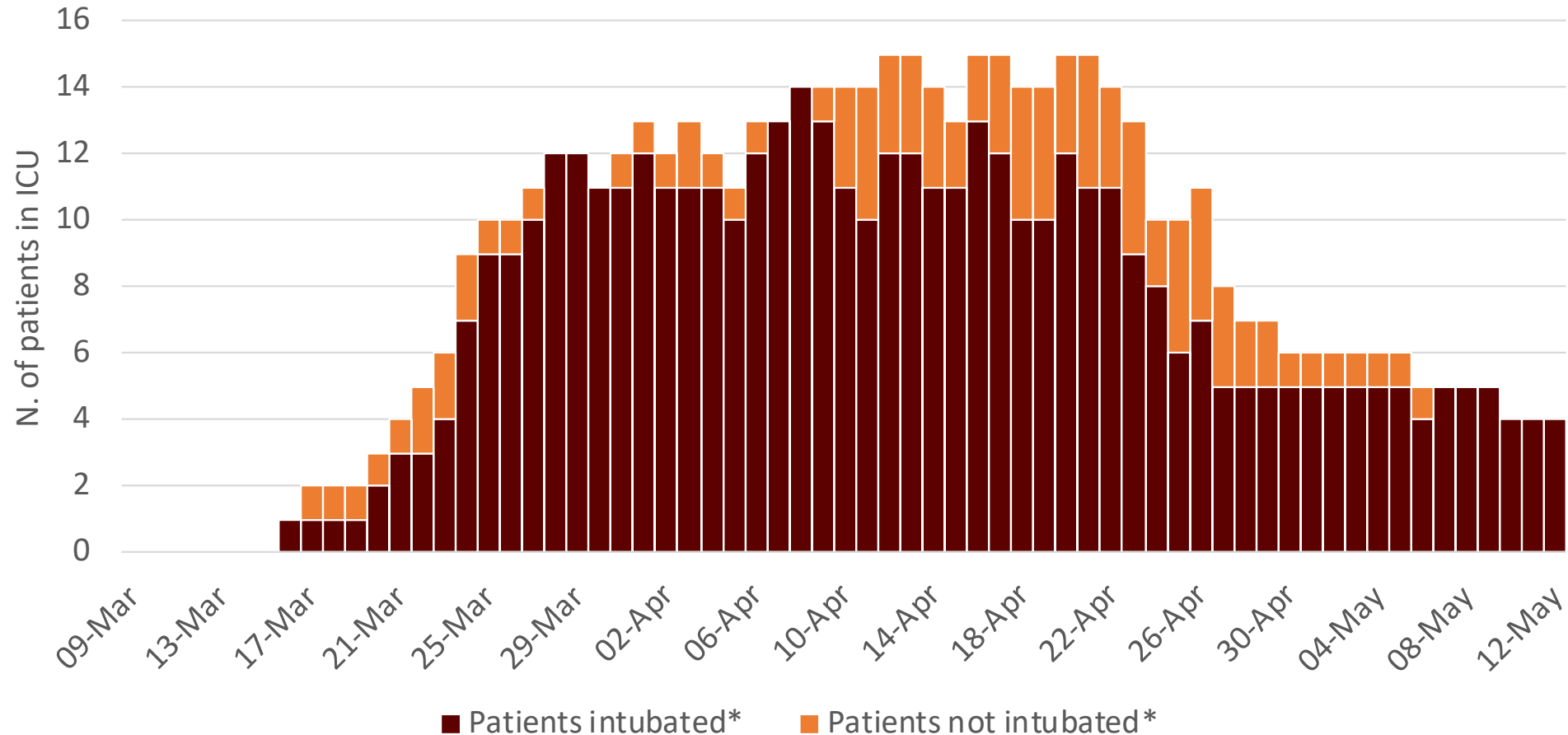
COVID-19 cases per 1000 diagnostic tests*



*Data from daily press releases "Announcements of the Ministry of Health regarding new cases of COVID-19 disease"

Cases in intensive care units (ICU)*

- 32 (3.5% of all cases) have ever been admitted to ICU

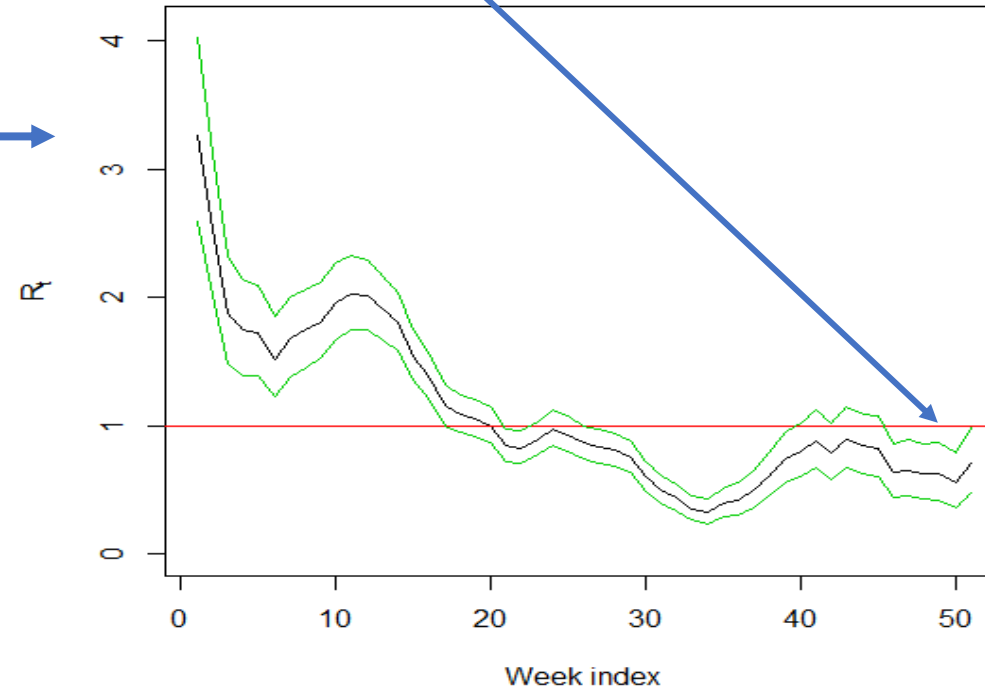


*Intensive care unit (ICU) refers only to the ICU in Limassol General Hospital and ICU in Nicosia General Hospital
Date of discharge/transfer/death included

Effective reproductive number (R_t) – Method 1

$R(t)$ 3 May - 9 May : 0.71 (0.47 – 0.98)

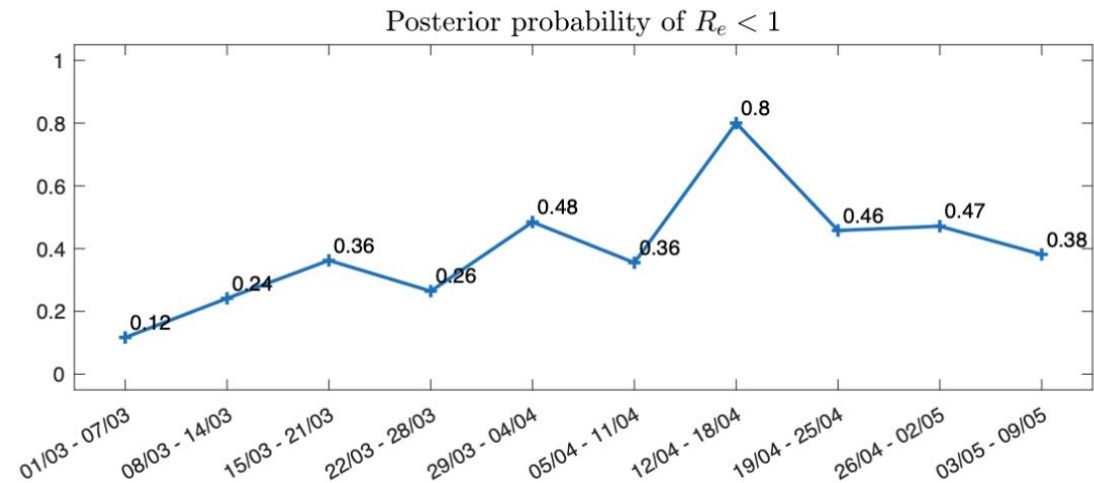
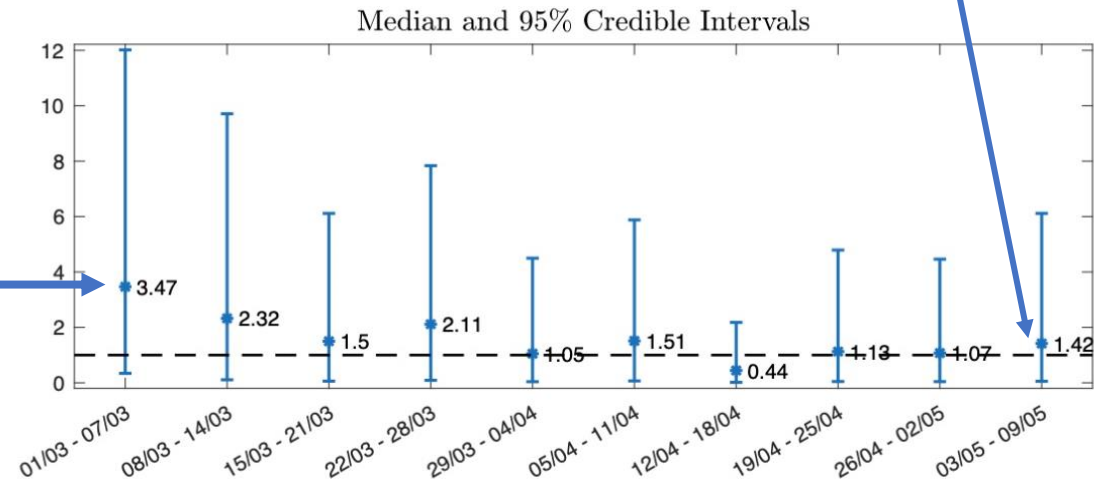
R_0 :
3.26 (2.58 – 4.01)



Effective reproductive number (R_t) – Method 2

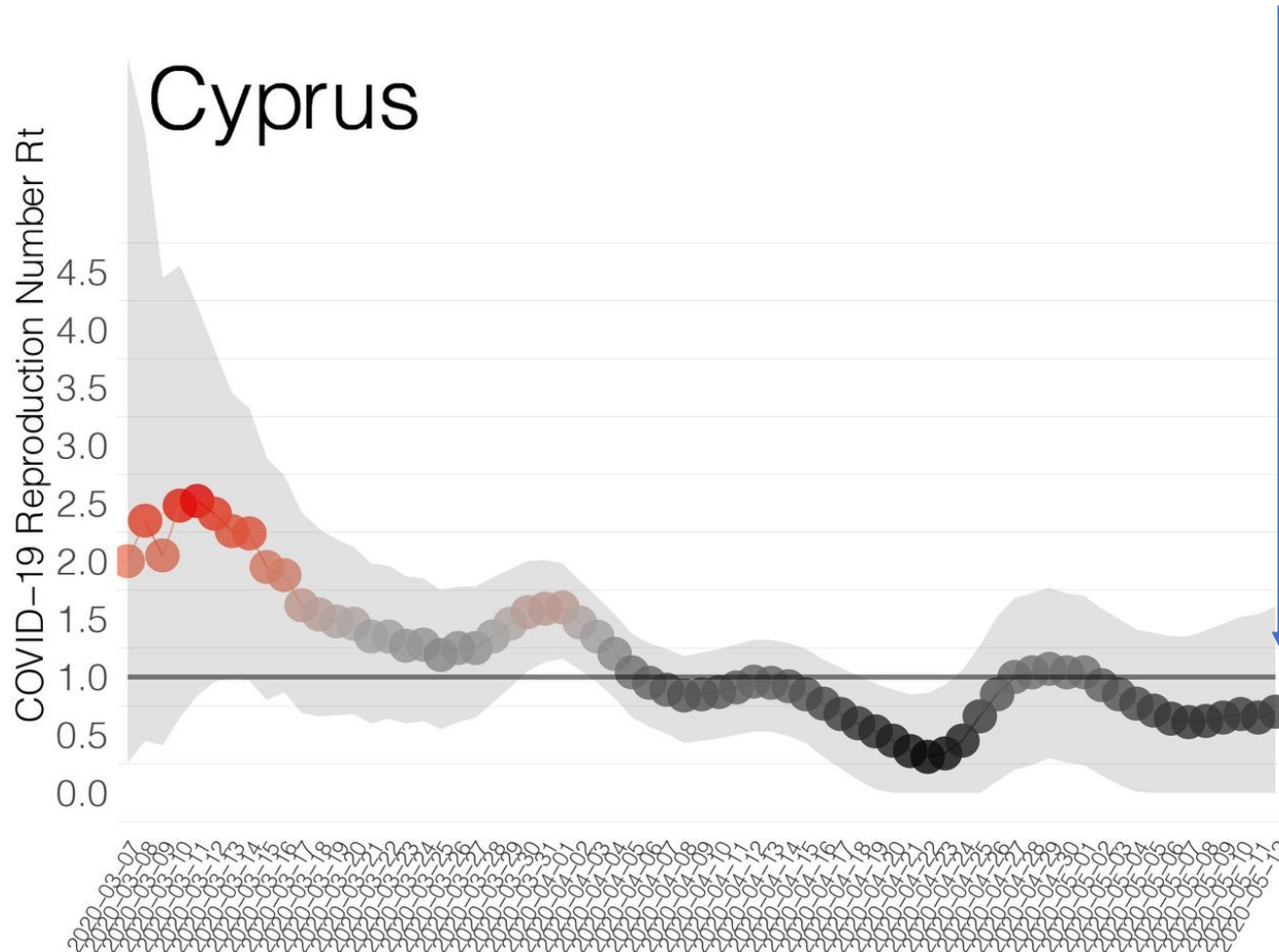
$R(t)$ 3 May- 9 May: 1.42

R_0 : 3.47

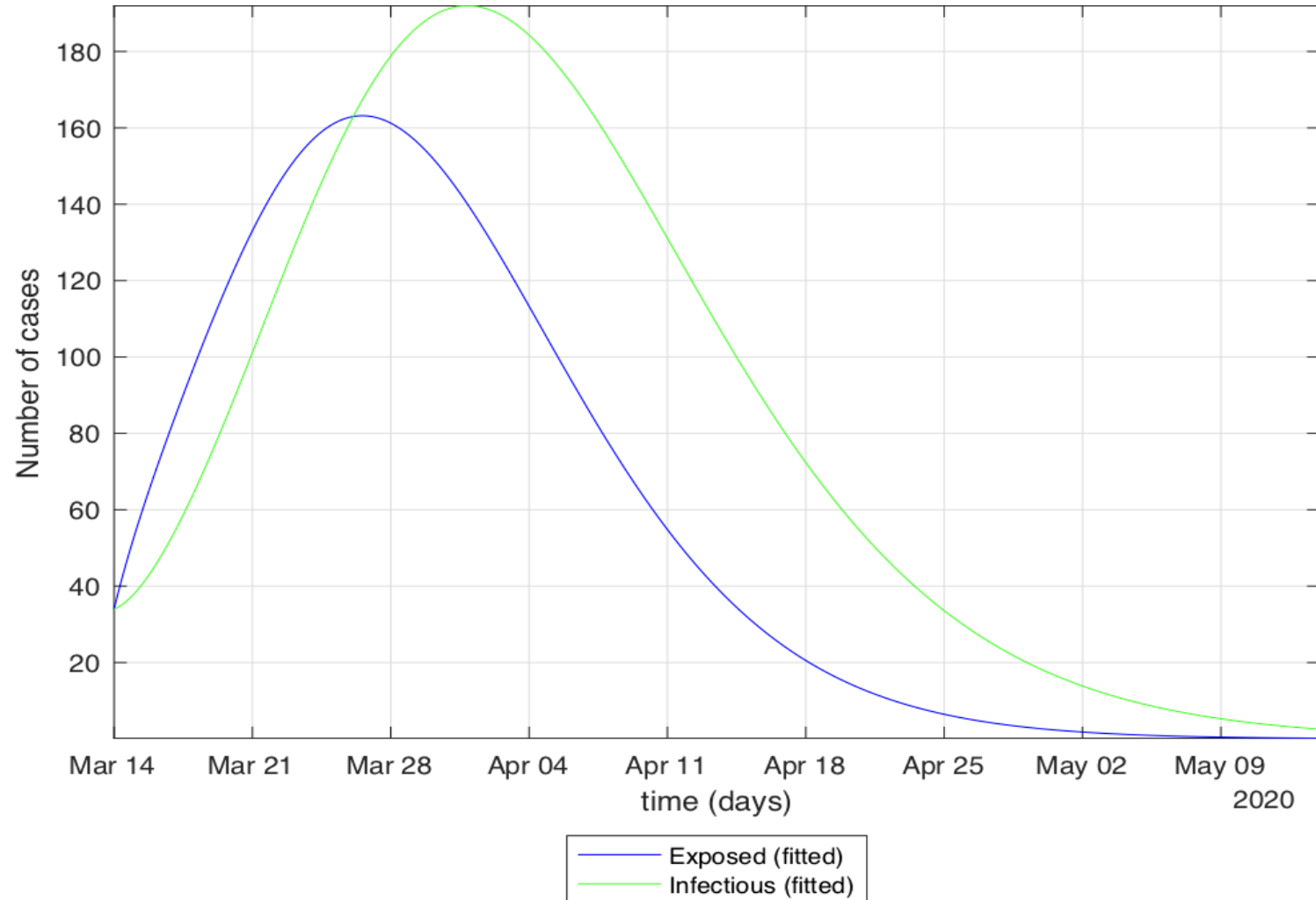


Effective reproductive number (Rt) – Method 3

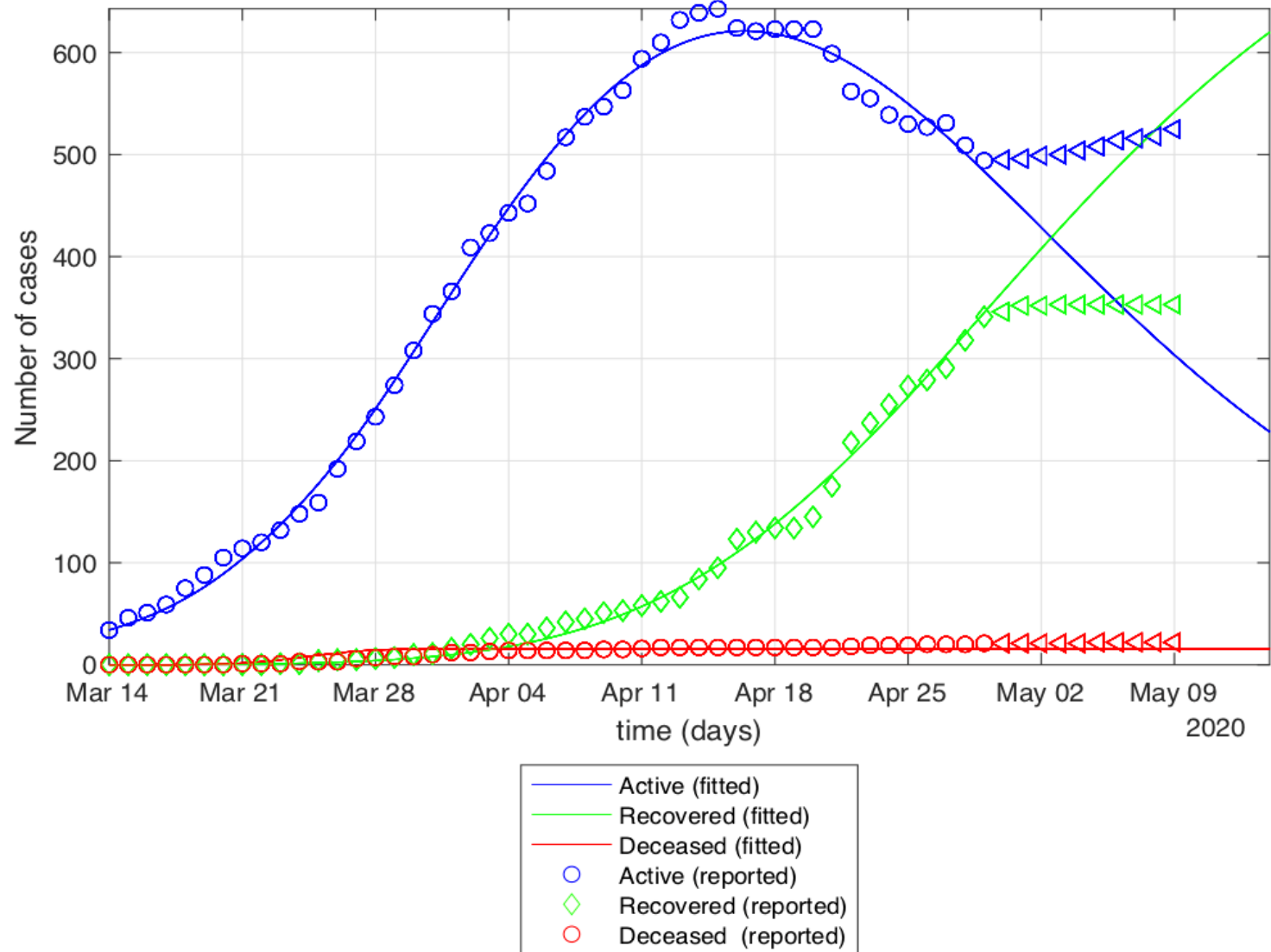
R(t) 9 May : 0.70 (0 – 1.60)



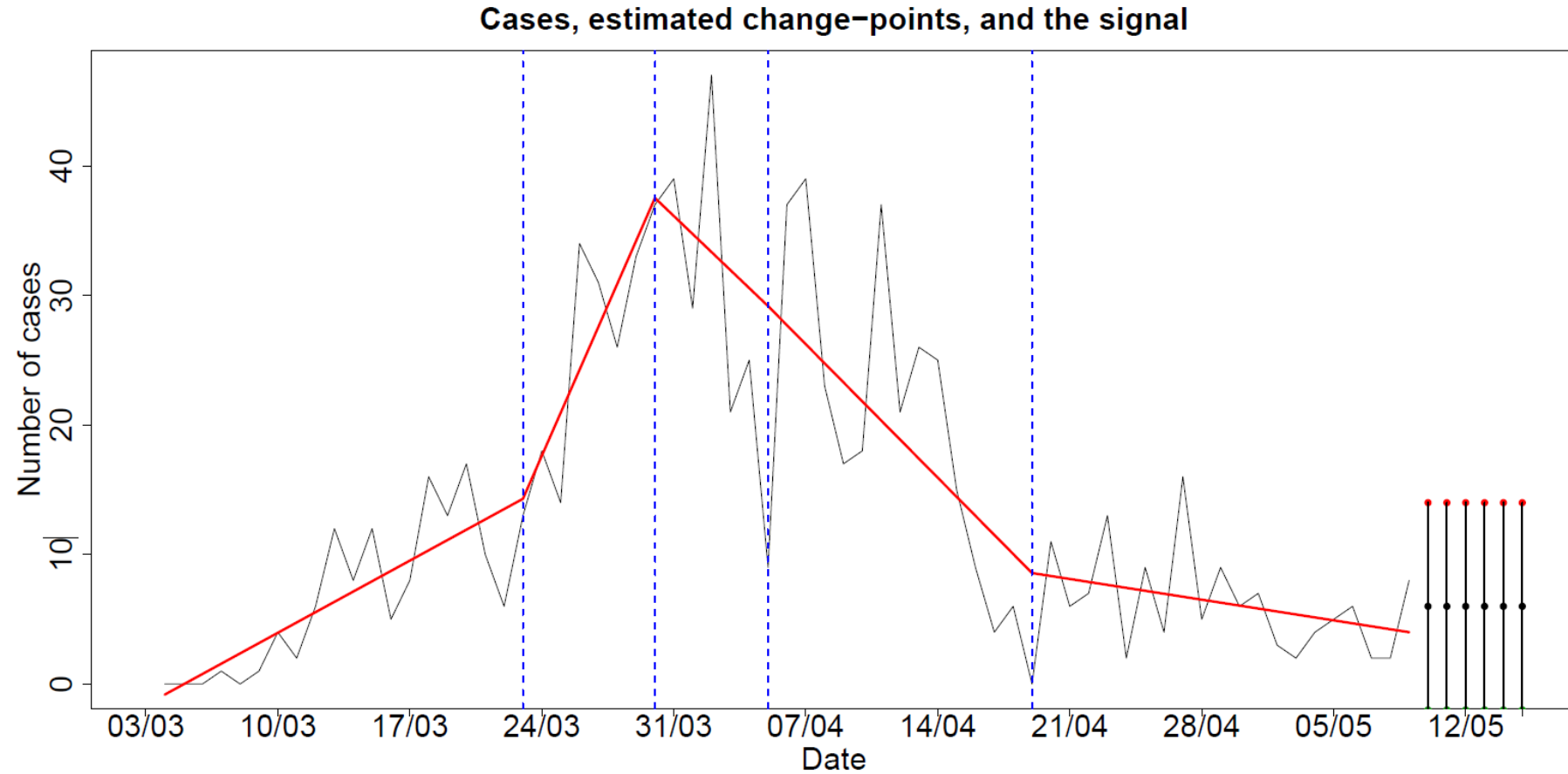
Modelling



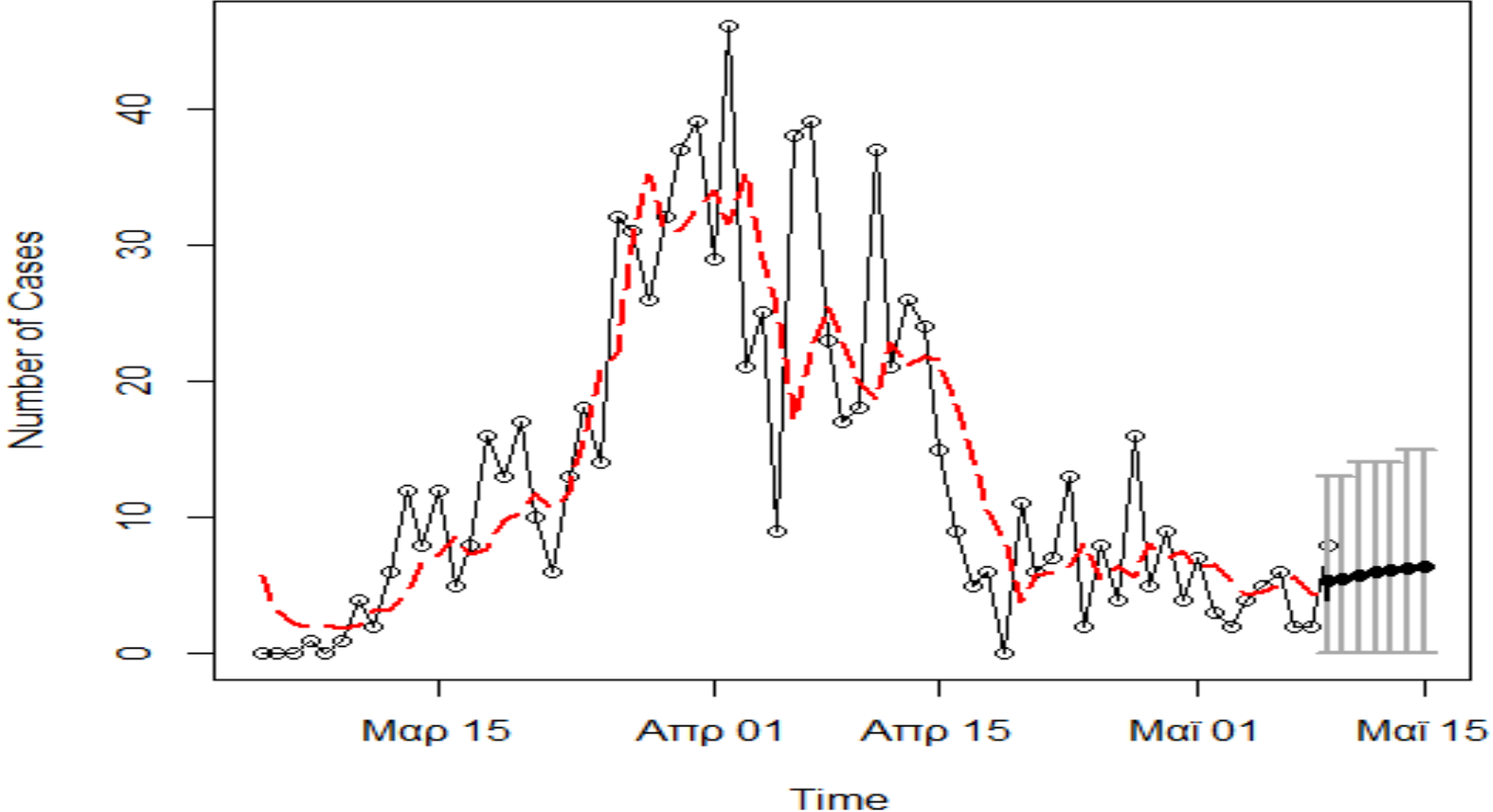
Modelling



Change-point analysis and predictions



Predictions



Mathematical Modeling of COVID-19 Pandemic

Research Team

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Laboratory tests for SARS-CoV-2

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