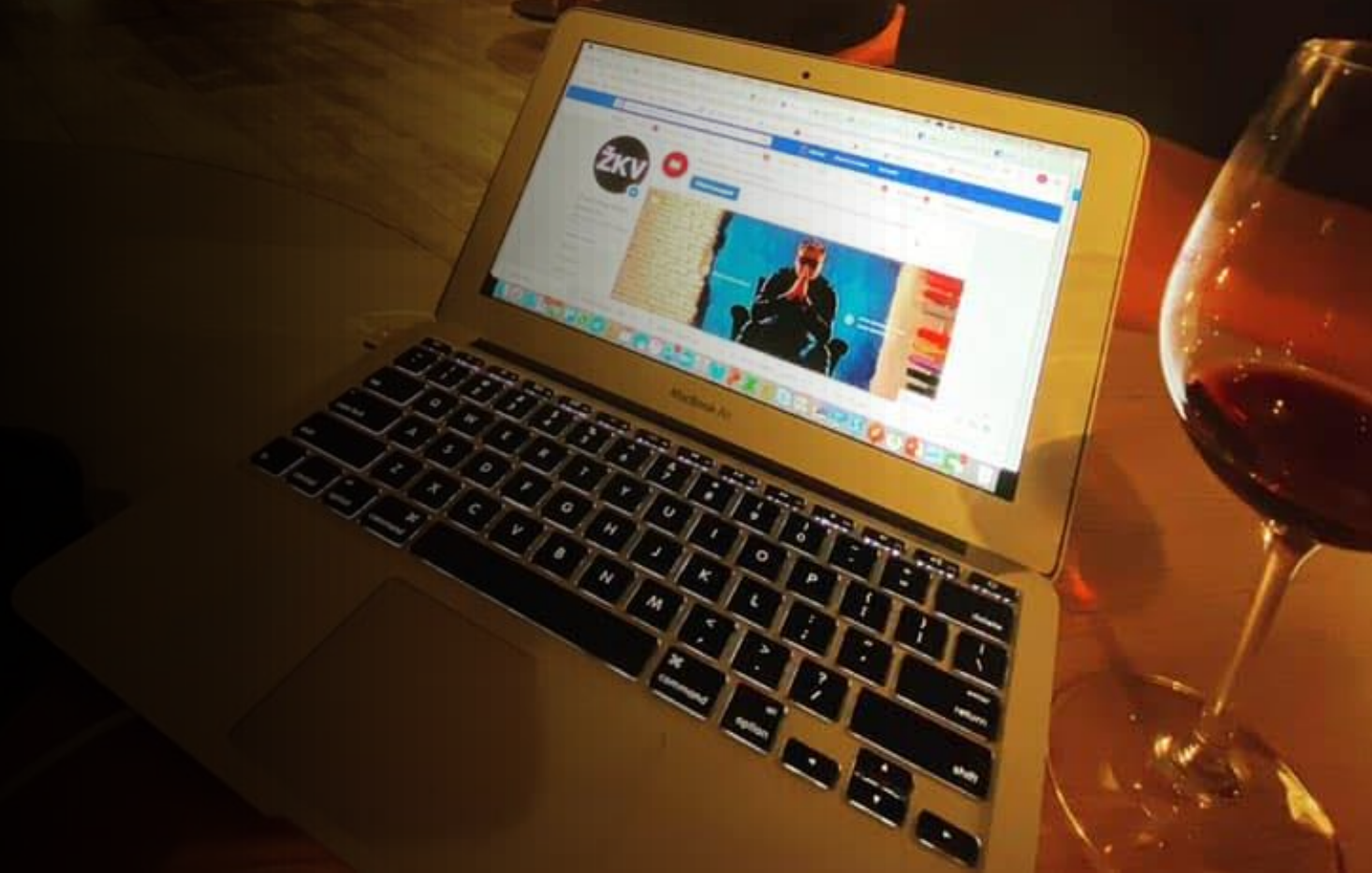


Ze zákulisí testování přítomnosti SARS-CoV-2 v České republice

Michal Pohludka

Start epidemie COVID-19



Počátky testování v ČR (2020)



9.9.2020 – vznikl GeneSpector



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BIOTECHNOLOGIE
MADE IN CZECHIA

160
NEJVĚTŠÍCH
RODINNÝCH
FIREM ČESKA

PALÍRNY, PAPIRNY A SNÍH
PRO HOLLYWOOD

DVOJČATA Z FACEBOOKU
A JEJICH KRYPTOSTORY

VINNÝ PŘÍBĚH
NESTAREC

KVĚTEN 2021

Forbes



NEJBOHATŠÍ LIDÉ SVĚTA
2755 SVĚTOVÝCH MILIARDÁŘŮ
NA 50 STRANÁCH

TŘI BRATŘI

VALDEMAR, MARIUSZ A ADAM WALACHOVÍ A JEJICH ŽIVOT PO WALMARKU.
POPRVÉ VYPRÁVĚJÍ SVŮJ MILIARDOVÝ PŘÍBĚH O SKROMNOSTI.

CENÁ 109 Kč



Povedlo se ...

Urychlit čas do výsledku

Navýšit kapacity

Naučit personál PCR metodiku „ve velkém“

Zvládnout testovací požadavky při drtivých vlnách





Krizové situace



Byznys a síla vlivu politiků a lobbistů



**ROMANE POSÍLÁM TI TY
LÍSTKY NA FOTBÁLEK...**



TY VOLE, VON TAM FAKT ŠEL!



-
- Děti: Otevřené školy
 - Poskytnout medicínsky relevantní informaci z testování – patentovaná metoda predikce průběhu infekčního onemocnění

„Středočeská studie“



—

A tak jsme šli na kobereček



A photograph of a meeting in a conference room. Five people are seated around a long wooden table, all wearing face masks. In the background, a large screen displays a video conference with two participants labeled 'PH' and 'JD'. The room features a chandelier, a Czech flag, and an EU flag. A dark semi-transparent banner is overlaid at the bottom of the image.

Jednání na Úřadu Vlády

International Journal of Epidemiology

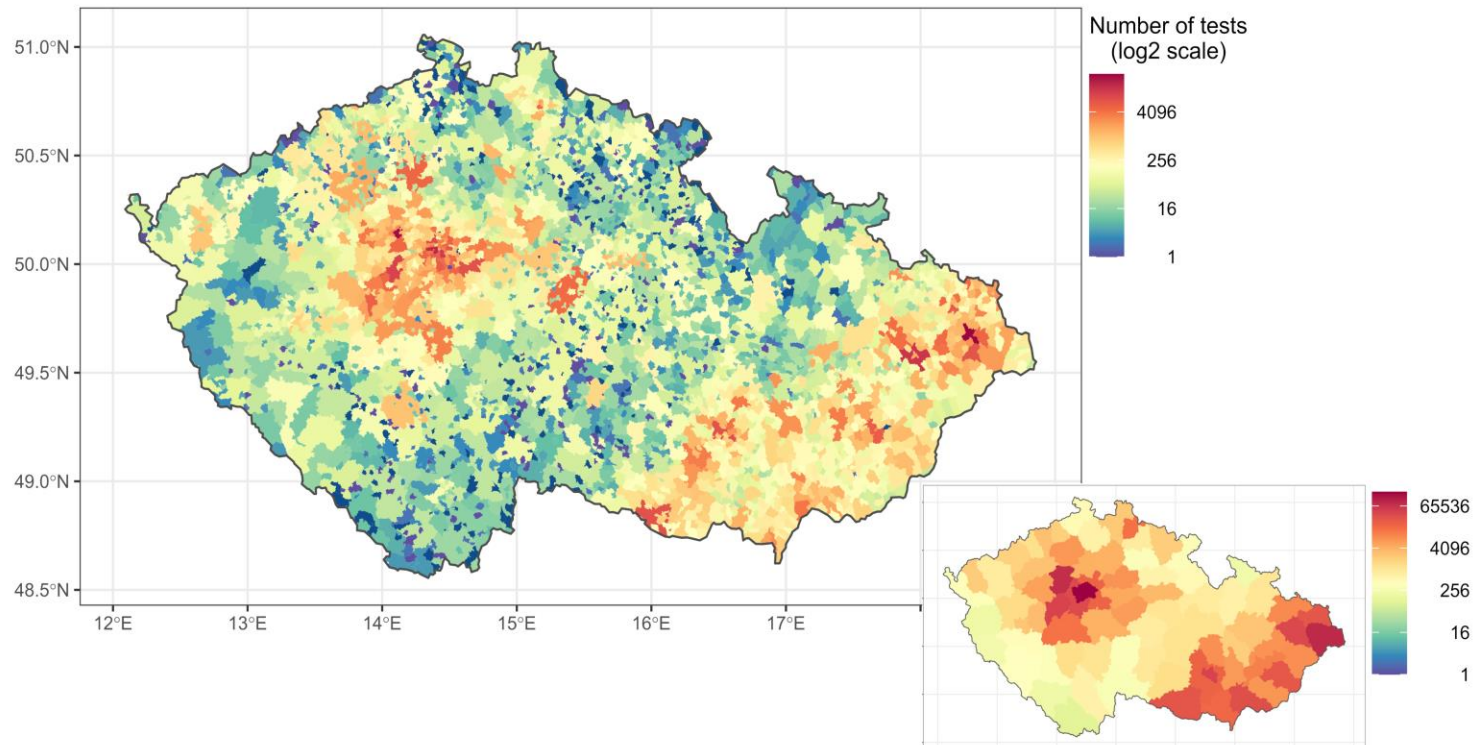
Trends in SARS-CoV-2 infections in the Czech Republic from April 2020 to June 2021

Dita Musalkova ¹ †, Lenka Piherova ¹ †, Ondrej Kwasny ² †, Zuzana Dindova ², Lubor Stančík ²,
Hana Hartmannová ¹, Otomar Slama ³, Petra Peckova ⁴, Josef Pargač ², Gabriel Minárik ⁵,
Tomáš Zima ⁶, Anthony J.Bleyer ^{1,7}, Martin Radina ², Michal Pohludka ⁸, Stanislav Kmoch ^{1,5,7,*}

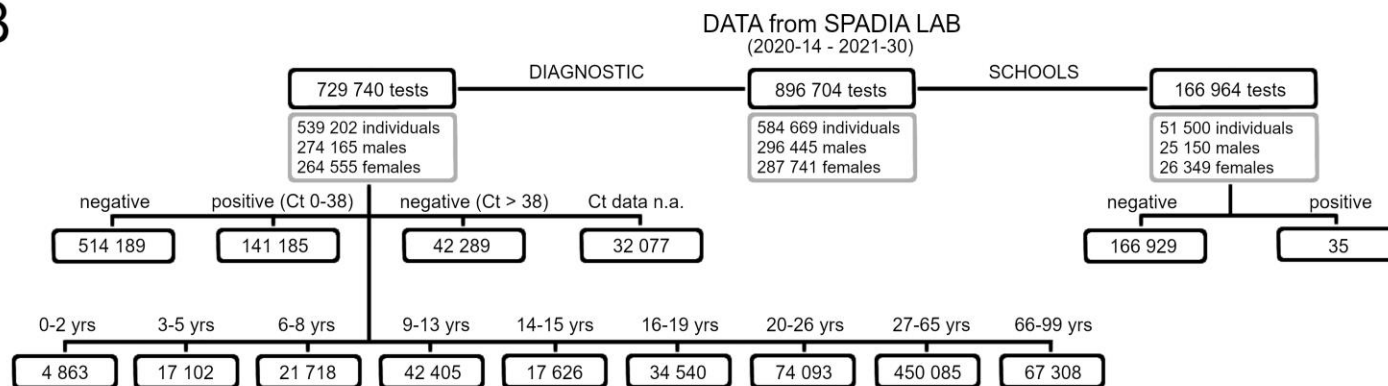
Soubor téměř
900.000
 testů do studie

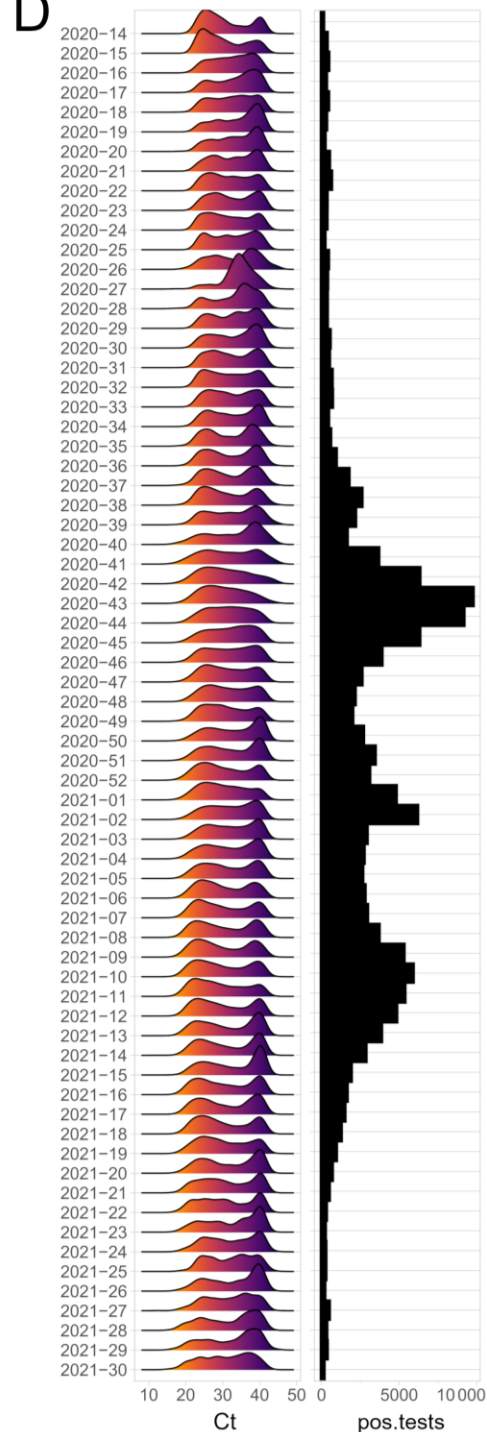
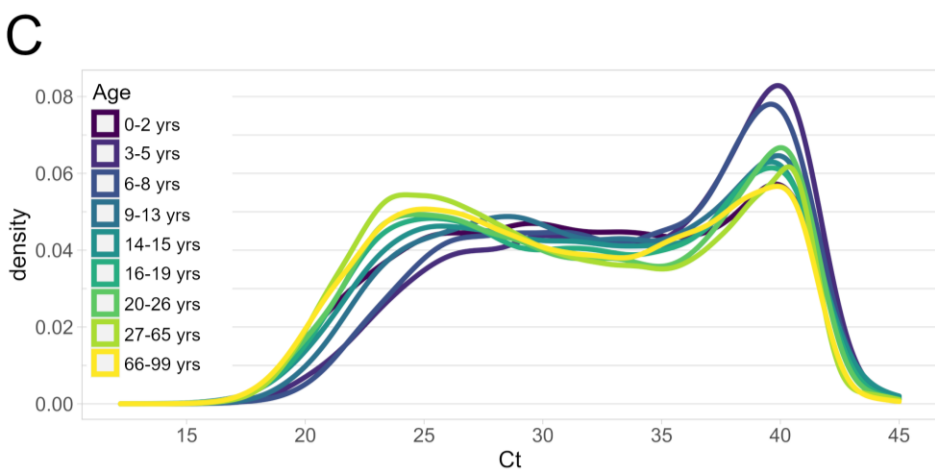
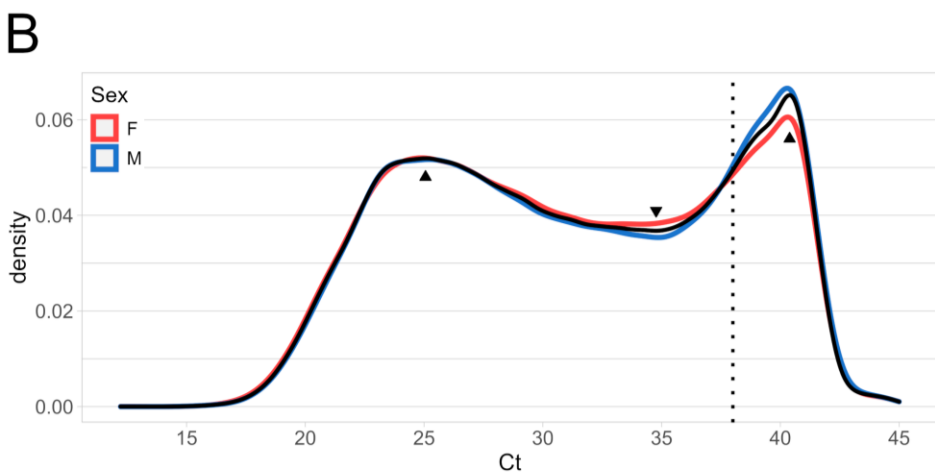
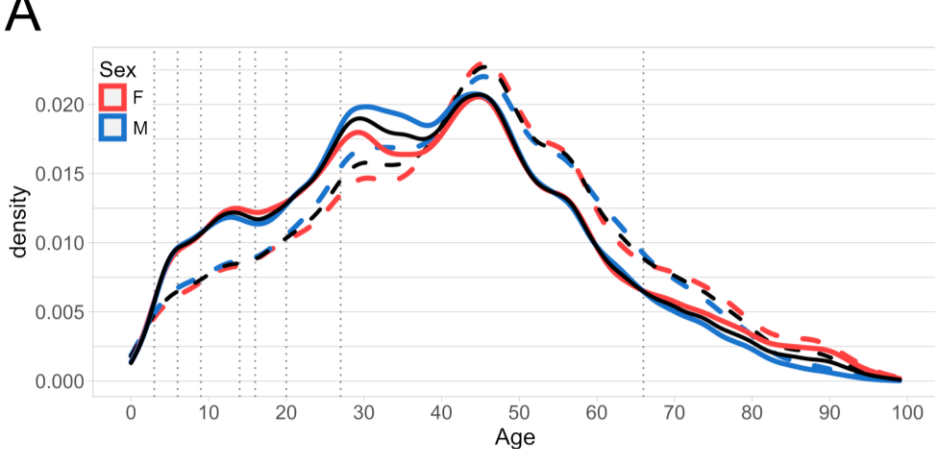
SPADIA LAB
 data

A



B



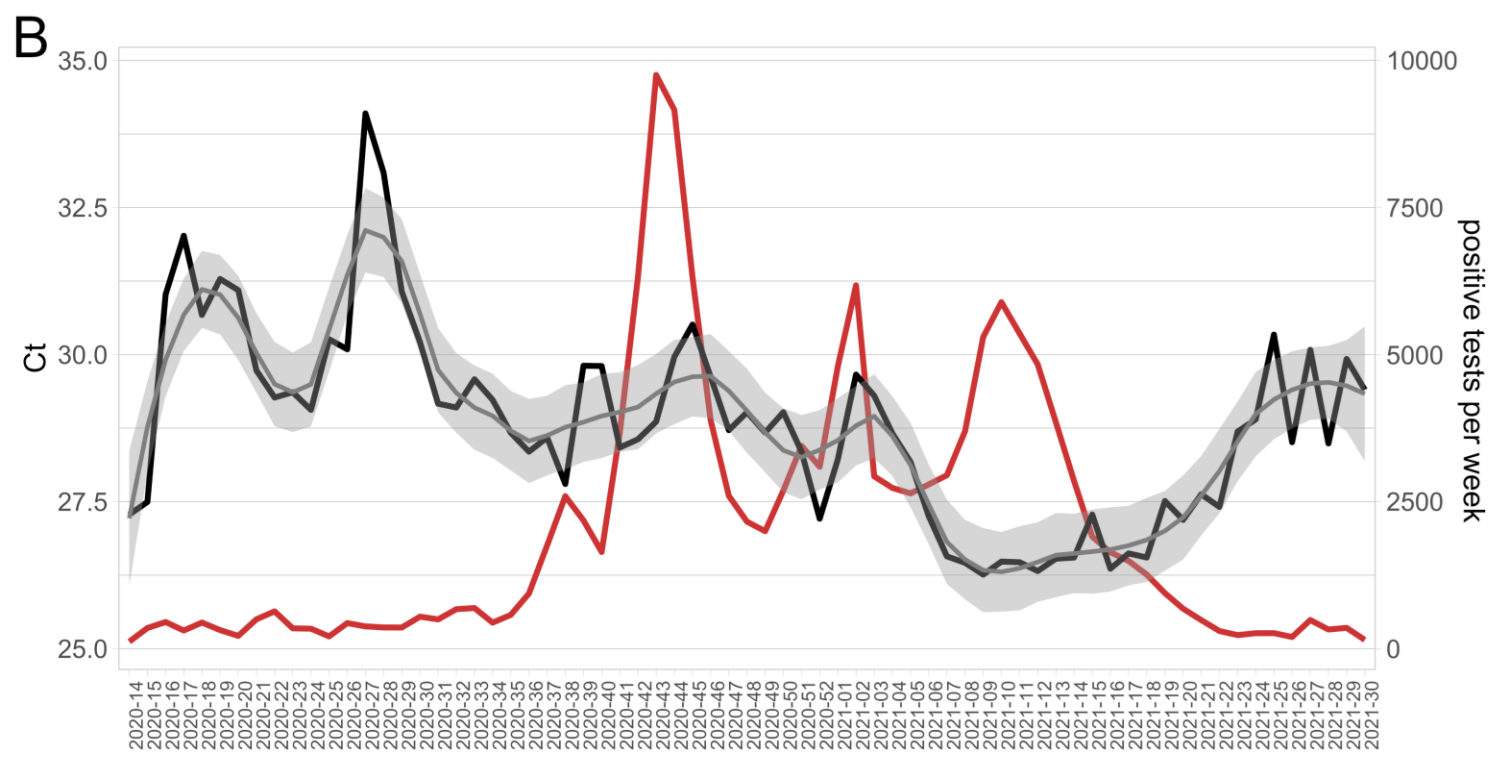
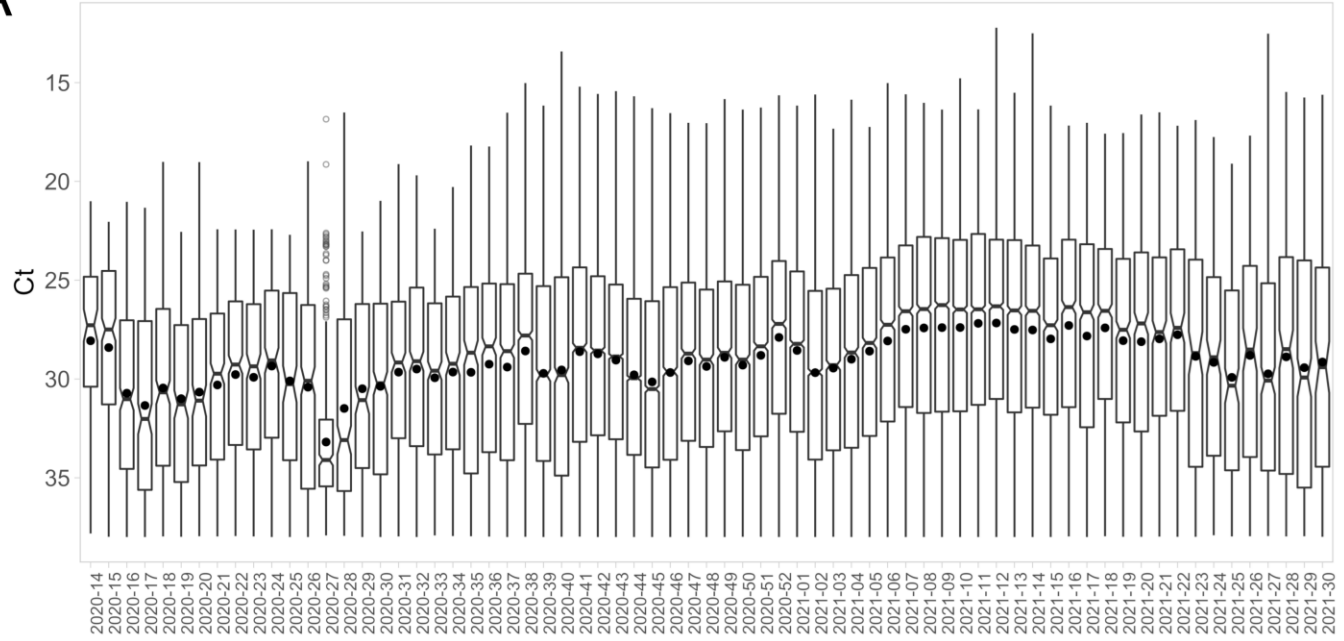


(A) Age distributions of all tested individuals (black), males (blue), or females (red); all diagnostic tests (solid line), positive diagnostic tests (dashed line). Data is shown as density plots. Dotted vertical lines show thresholds for the age groups considered in this study.

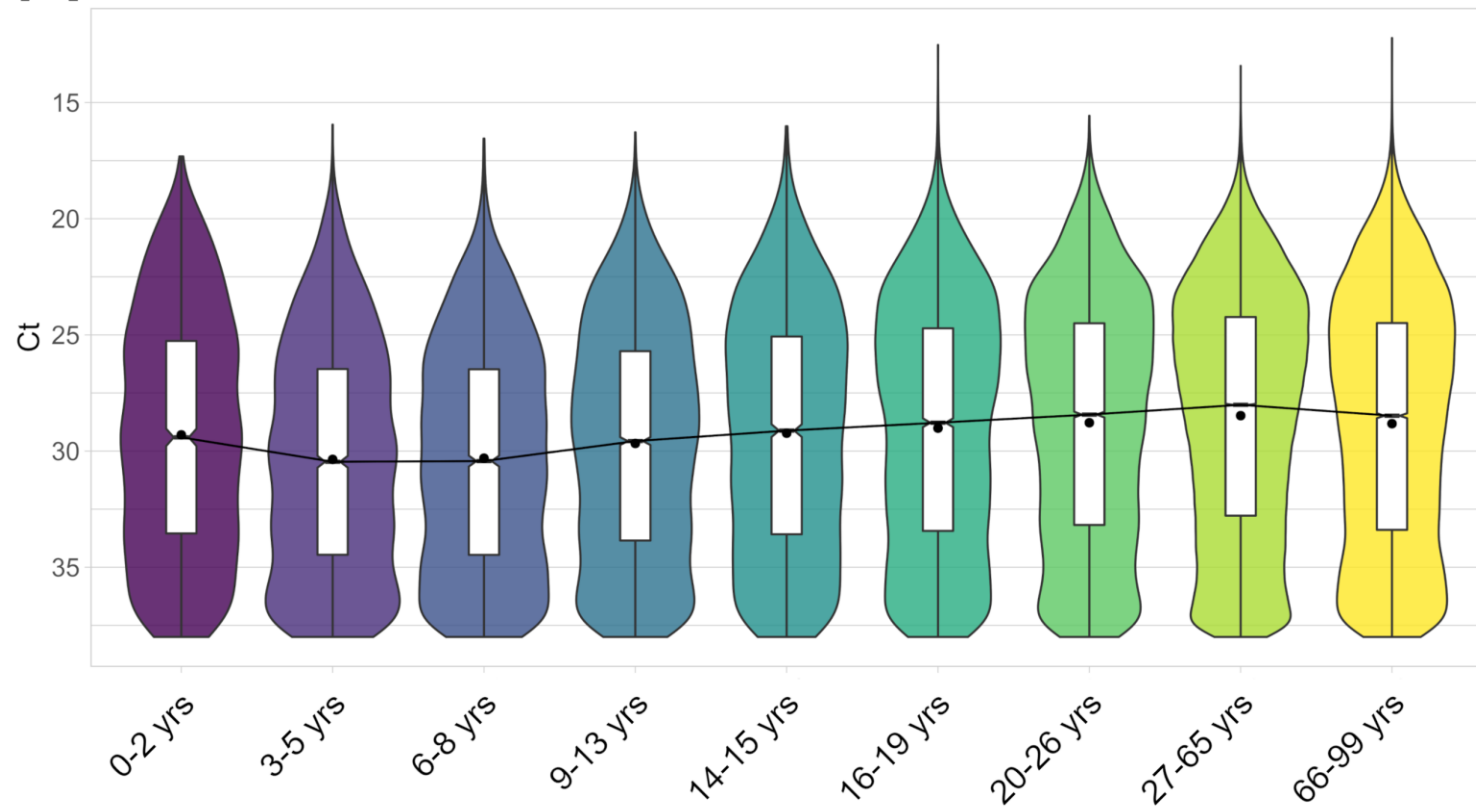
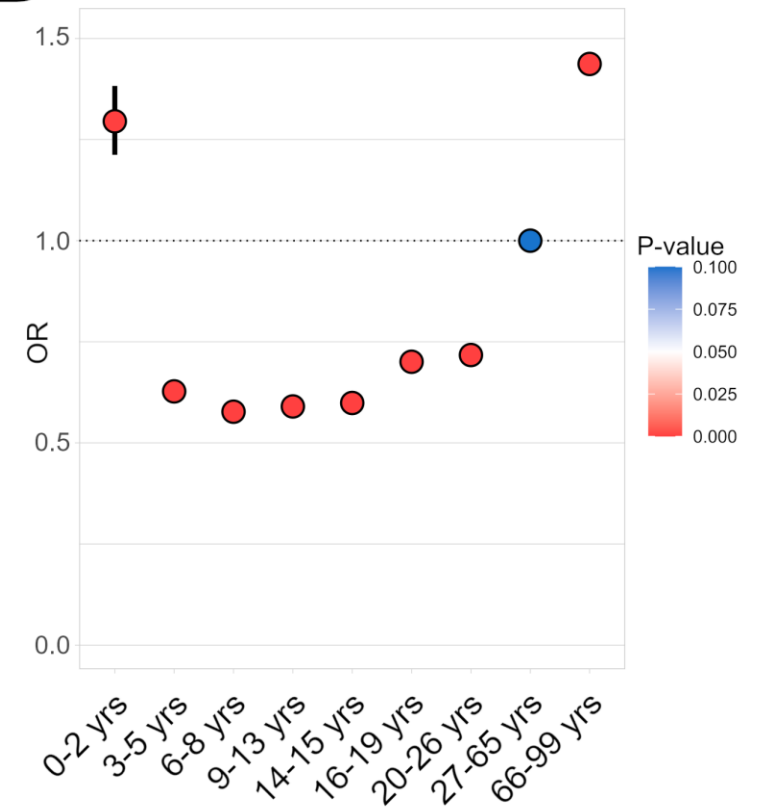
(B) Ct distributions of all diagnostic tests (black), tests performed in males (blue), or females (red). Data is shown as density plots. Black triangles point to local minimum and maximums. Dotted vertical line shows threshold used for the test positivity.

(C) Ct distributions of all diagnostic tests. Data is divided according to the age of the individuals.

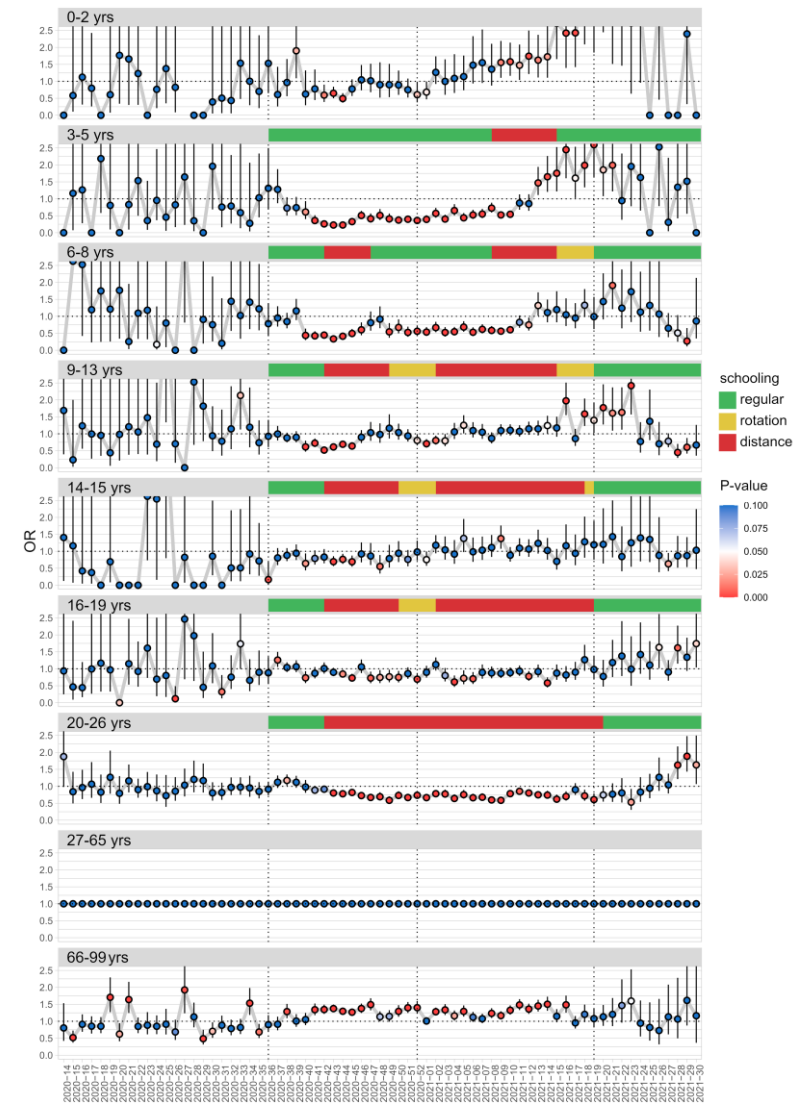
(D) Ct distributions of all diagnostic tests per week and the corresponding number of positive tests.



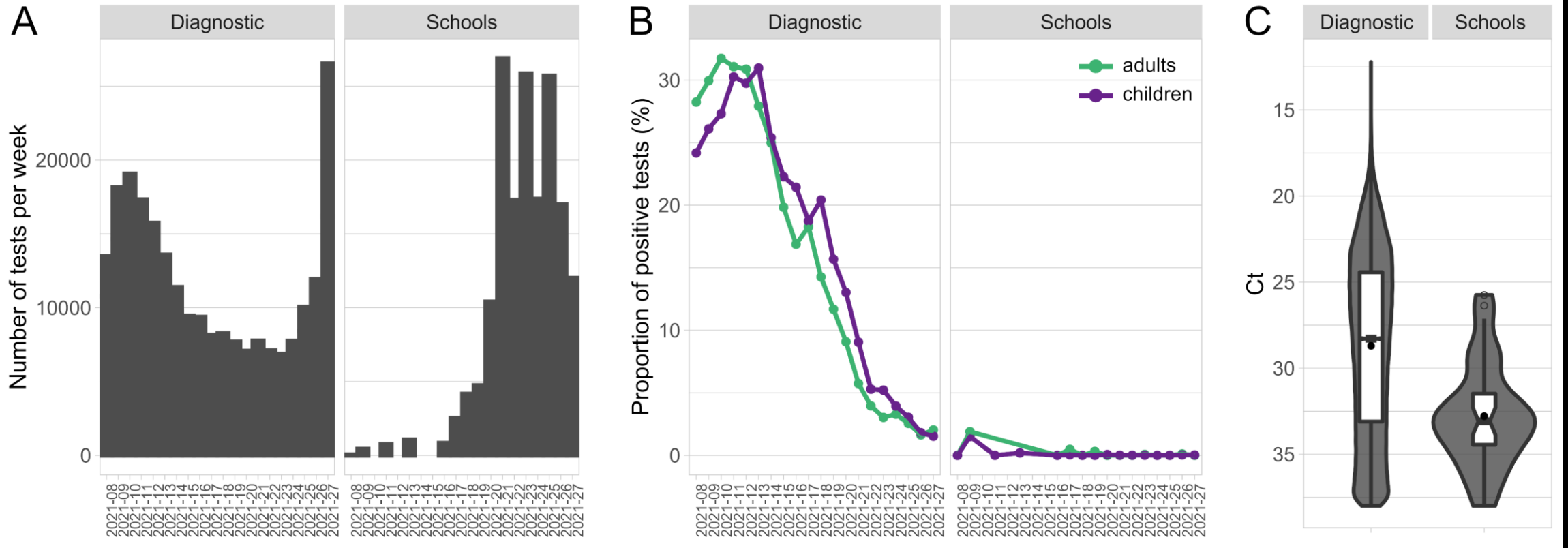
A gradual decrease in the median weekly threshold Ct values preceded an increase in the incidence of positively tested samples in the population. Health system authorities should consider collecting of week median Ct values from individual laboratories for regional epidemic surveillance.

A**B**

Efekt zavření škol na různé věkové/sociologické kategorie



The rarity of positive results from mandatory school testing (0.0002 %) suggests that this testing did not contributed much to infection spread and was not cost-effective.



Poděkování

Trends in SARS-CoV-2 infections in the Czech Republic from April 2020 to June 2021

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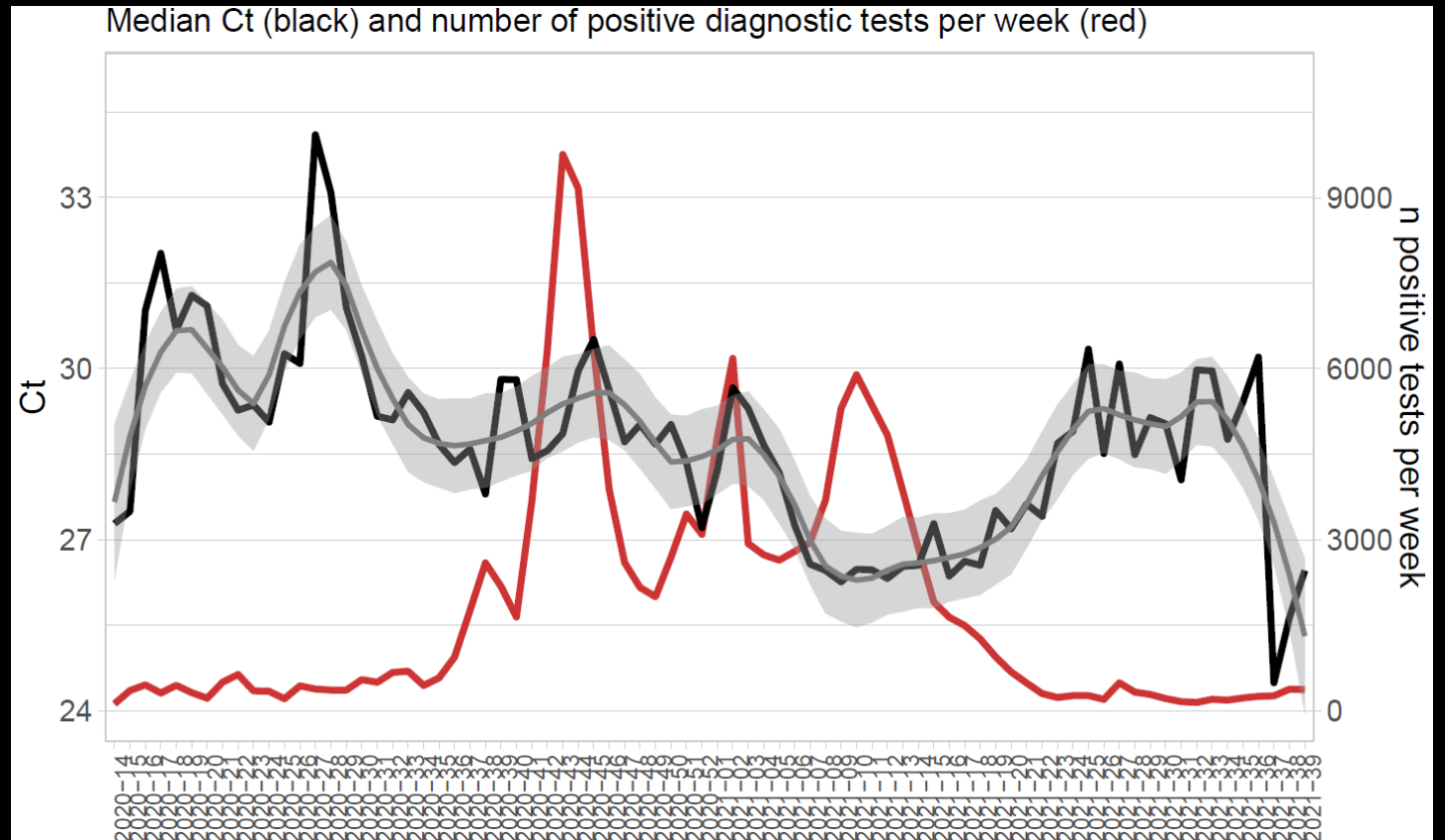


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další vlna?





The background image shows two men standing in front of a stone wall. The man on the left is wearing a light blue button-down shirt and dark trousers, looking down at a smartphone in his right hand while holding a white coffee cup in his left. The man on the right is wearing a white shirt, a dark vest, and dark trousers, also looking at a smartphone. The overall scene is dimly lit, suggesting an evening or indoor setting with low light.

Michal Pohludka

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