Covid-19: Cases, Deaths, and Vaccines

Lin Tan

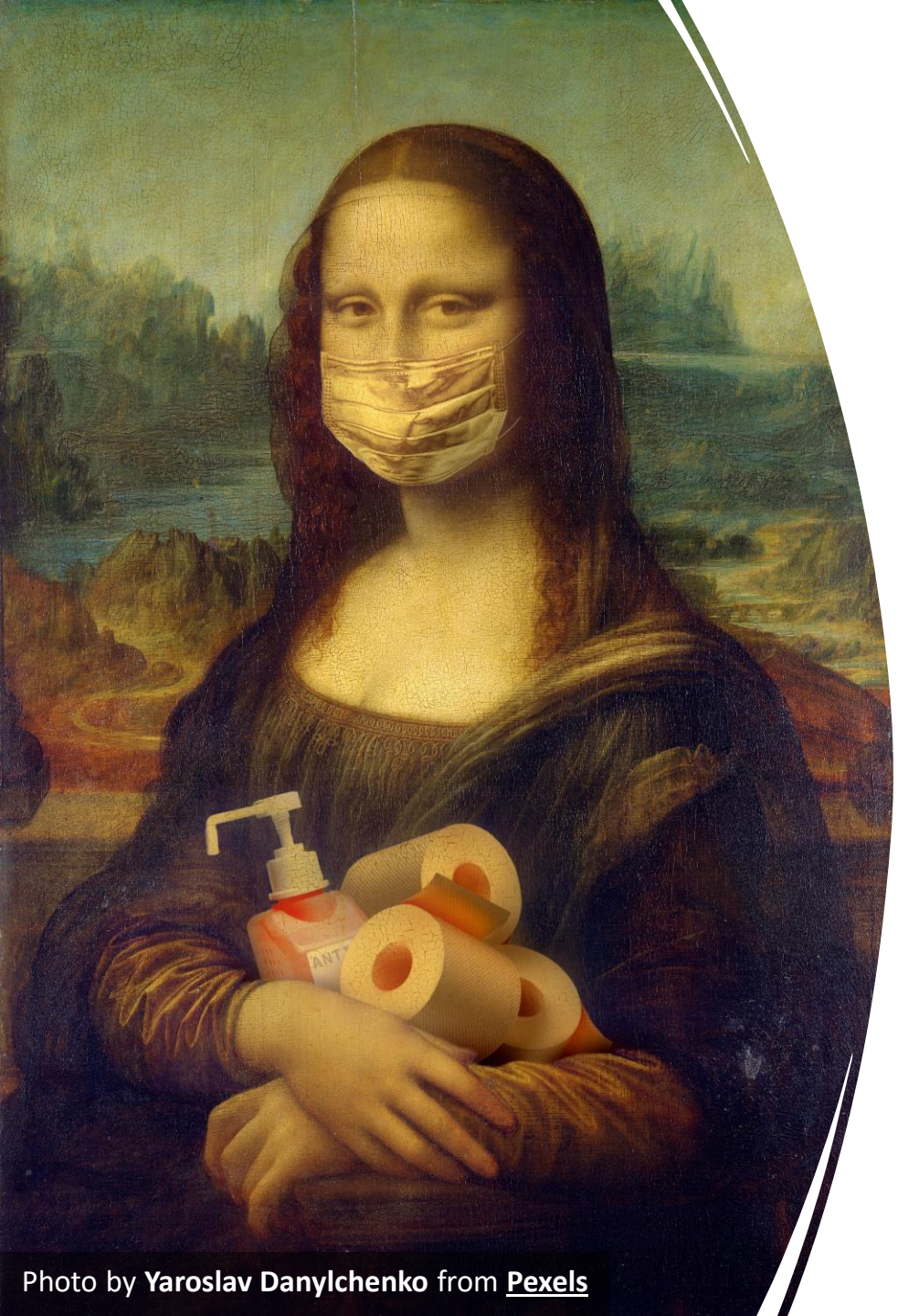

Photo by **Yaroslav Danylchenko** from **Pexels**

Overview

- Pressing Questions:
  - How did we do during the pandemic in terms deaths related to COVID-19?
  - What's the trajectory of COVID cases and deaths?
  - Is the vaccine related to decreased COVID cases?
- Data Source
  - COVID-19 dataset maintained by Our World in Data
  - https://github.com/owid/covid-19-data

Top 10 Countries

(as of last Friday, 2/26/2021)

- Lowest total deaths per million
  - Burundi
  - Vietnam
  - Mongolia
  - Thailand
  - Papua New Guinea
  - Eritrea
  - China
  - Singapore
  - New Zealand
  - Benin
- Highest total deaths per million
  - San Marino
  - Belgium
  - Czechia
  - Slovenia
  - United Kingdom
  - Italy
  - Portugal
  - Montenegro
  - Bosnia and Herzegovina
  - United States

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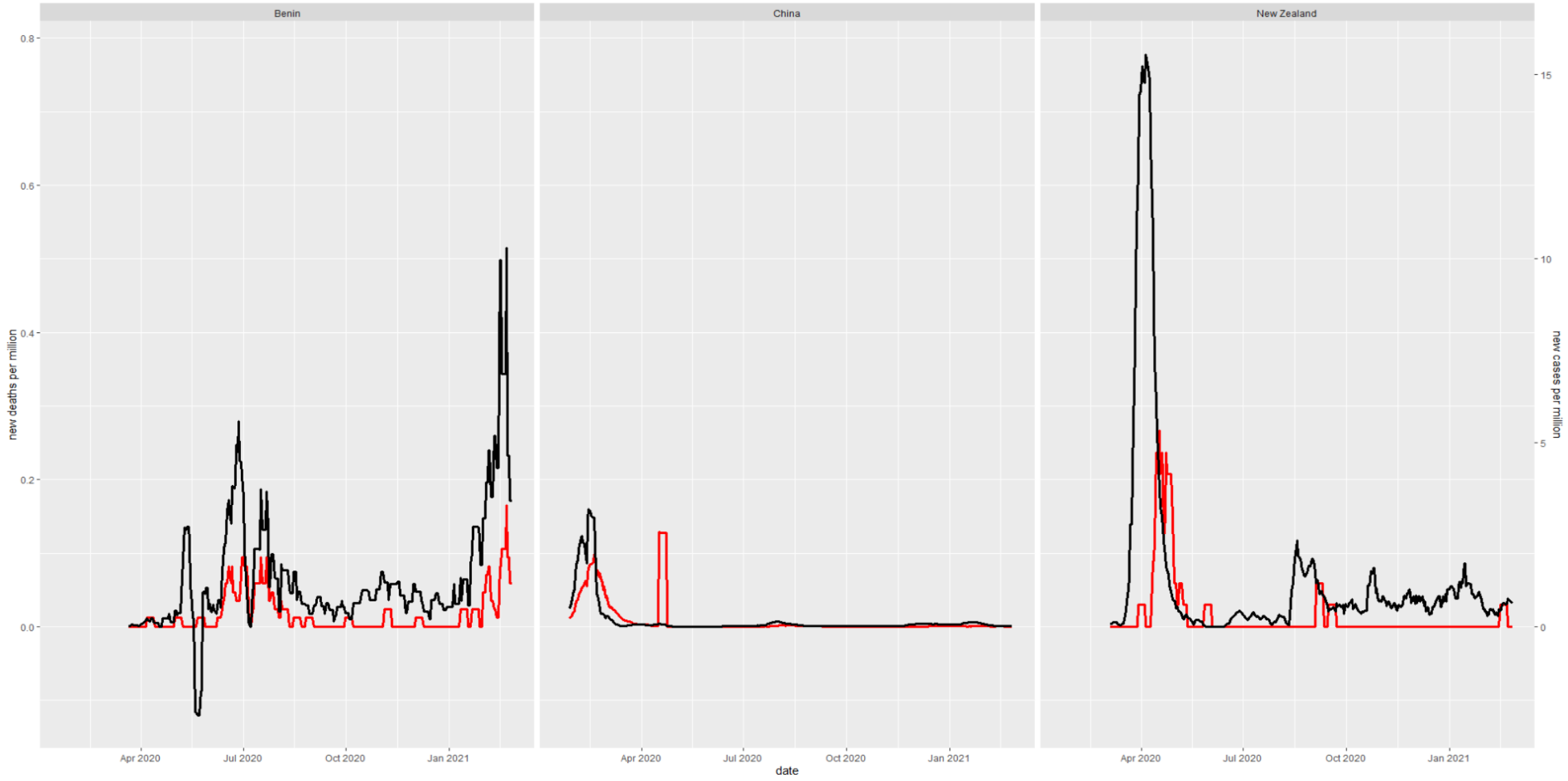
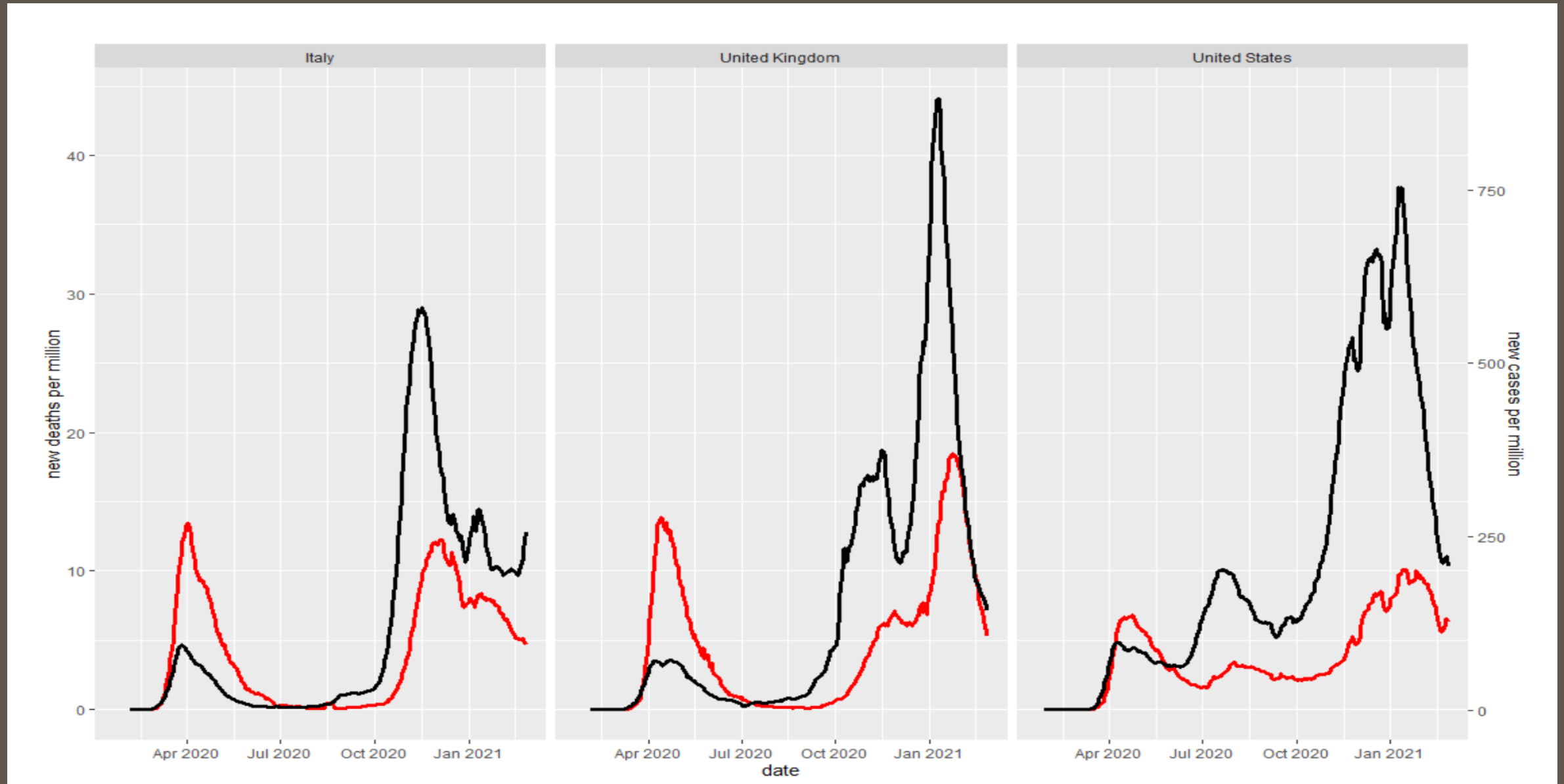
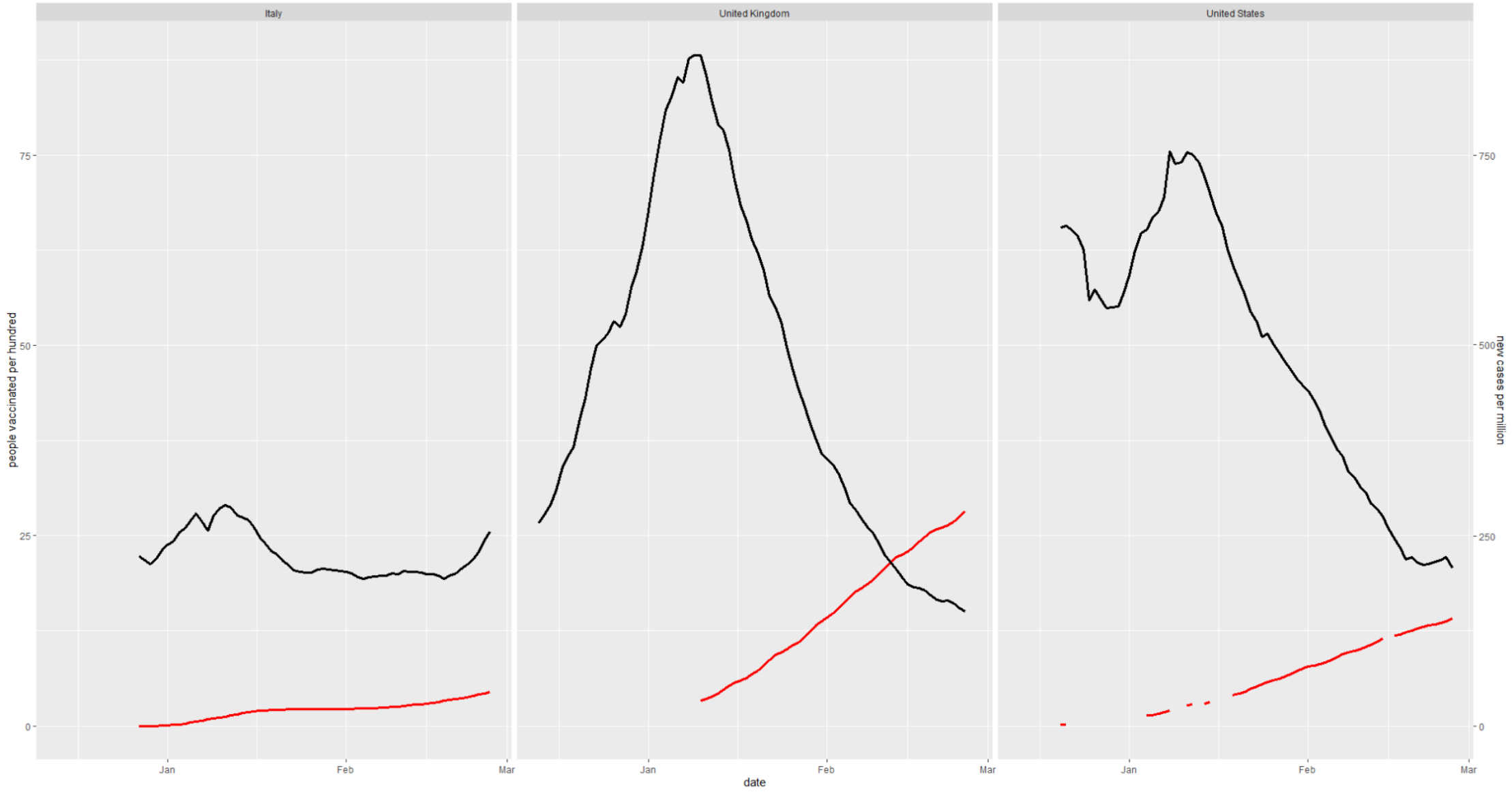
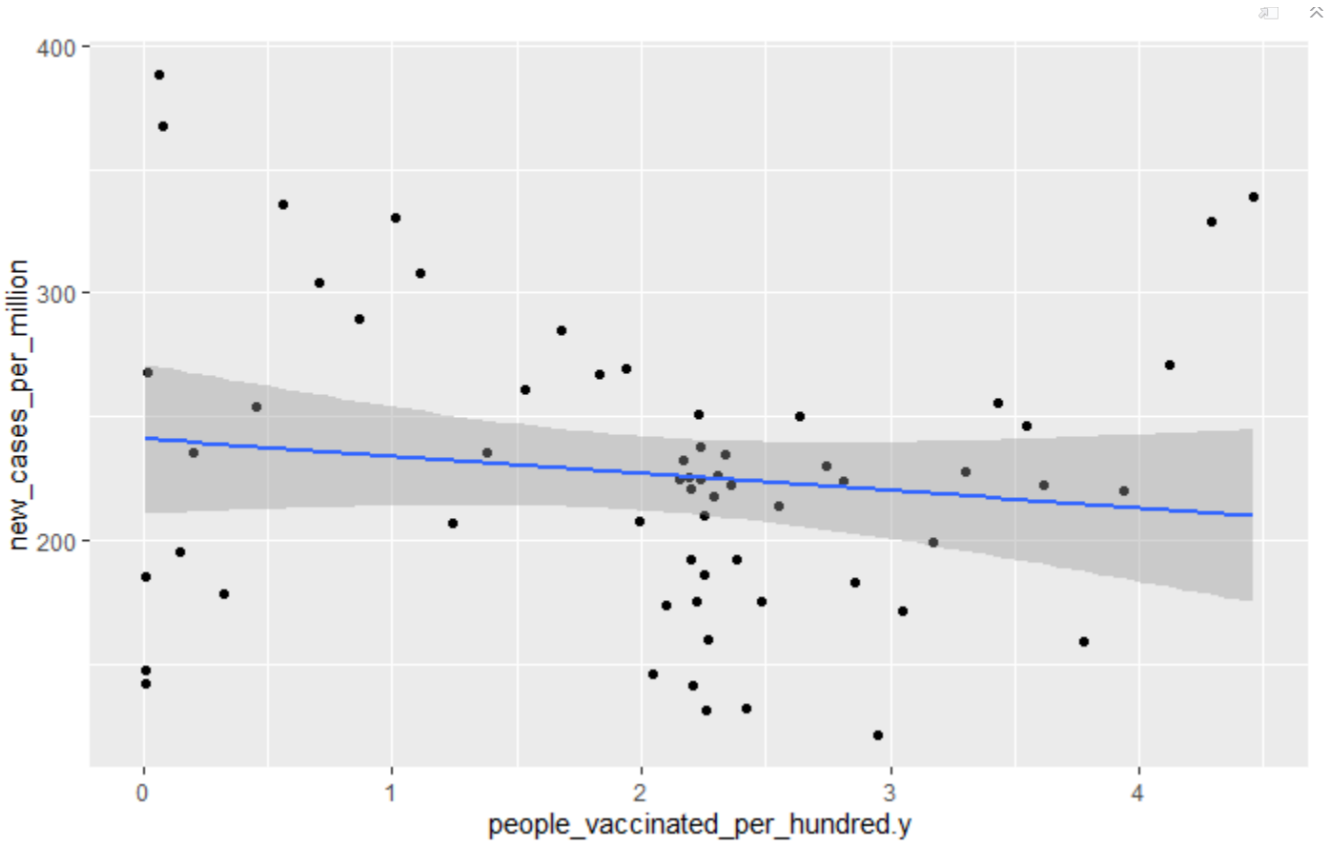
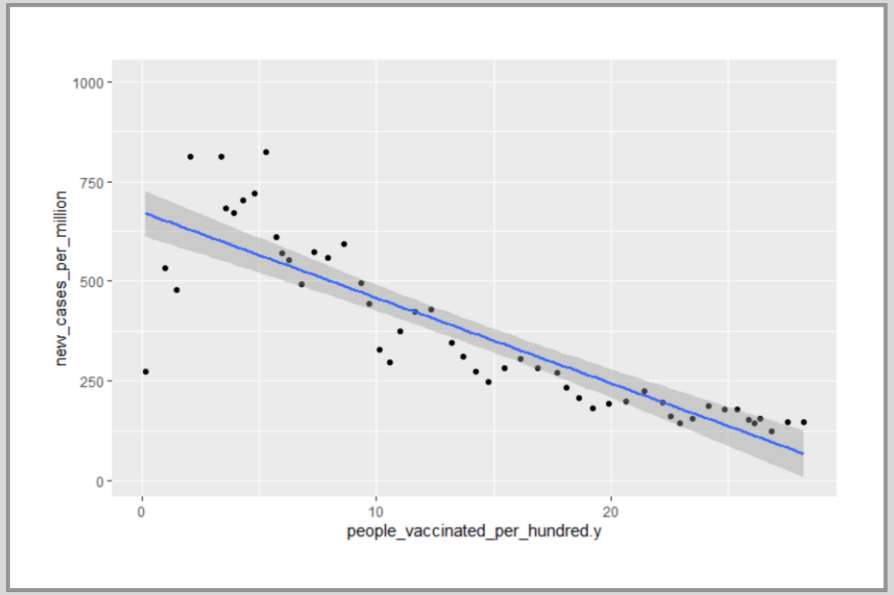

Benin
China
New Zealand
new deaths per million
new cases per million
0.8
0.6
0.4
0.2
0.0
15
10
5
0
Apr 2020
Jul 2020
Oct 2020
Jan 2021
date


Italy
United Kingdom
United States
new deaths per million
new cases per million
0
10
20
30
40
0
250
500
750
Apr 2020
Jul 2020
Oct 2020
Jan 2021
date

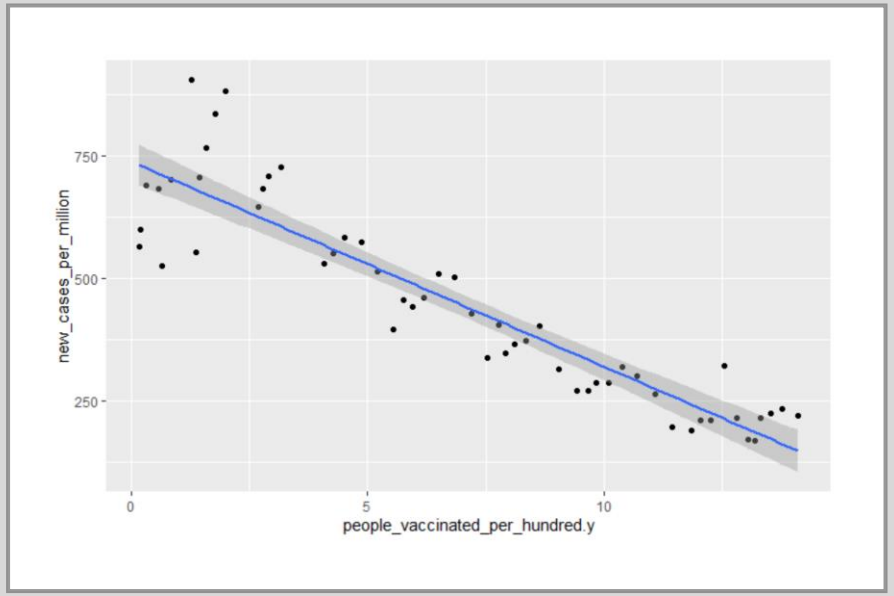

Italy
United Kingdom
United States
people vaccinated per hundred
new cases per million
0
25
50
75
0
250
500
750
Jan
Feb
Mar
date



Italy



United Kingdom



United States