



Research on COVID-19 vaccination

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1 Data set introduction

The data set for this report was obtained from the World Bank database, and it contains the following information:

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Background :

Research Question 1

Effects of government policies on the spread of COVID- 19 world-wide

Research Question 3

How do positive cases change relate to vaccination?

top 5 countries with highest daily new cases

Table 1: *top 10 countries with highest daily cases*

location	mean_daily_cases	mean_new_vax
United States	120485	460807
India	70729	2008029
France	56649	114808
Germany	50097	138851
Brazil	46861	372420
South Korea	39991	102167
United Kingdom	38446	110154
Italy	30754	102214
Russia	29095	203228
Turkey	27831	119240

Trend of trend of new cases vs fully vaccinated

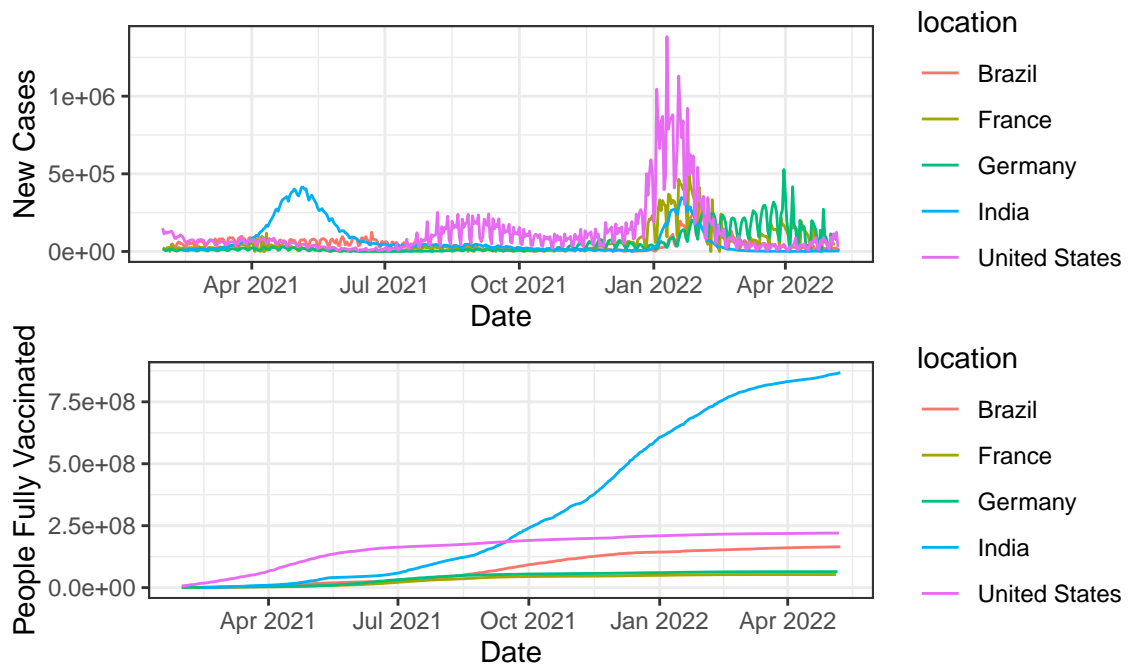


Figure 1: *trend of new cases vs fully vaccinated*

Trend of trend of new cases vs fully vaccinated

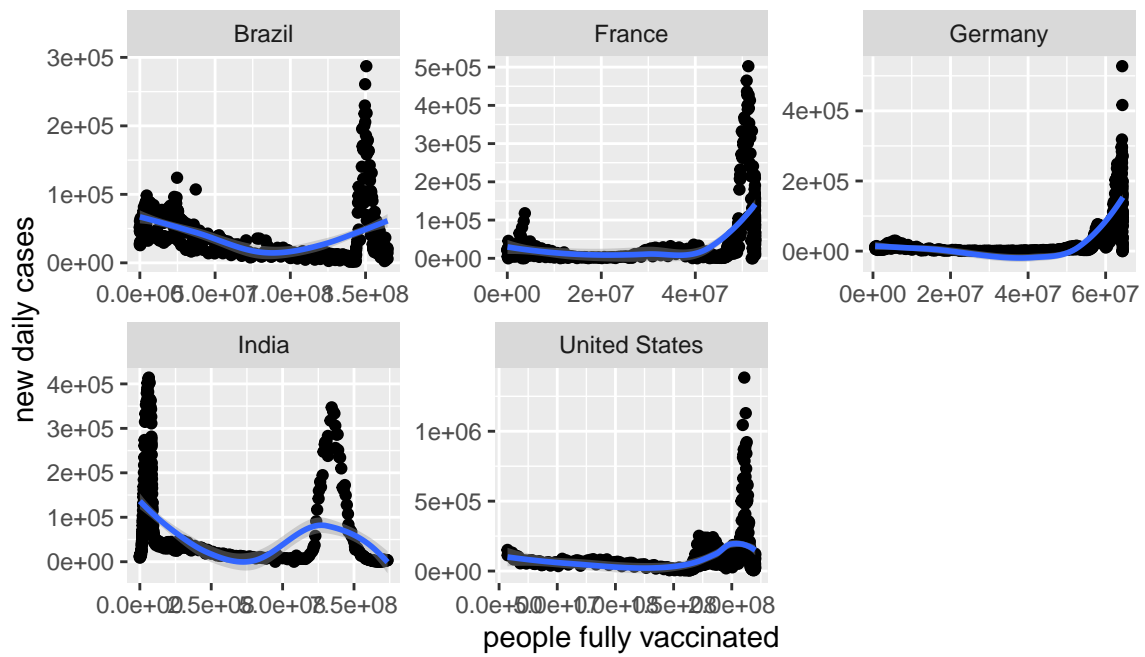


Figure 2: correlation between new cases vs fully vaccinated

Research Question 3

How do ICU rates from COVID-19 relates to population of vaccination

Research Question 4

How do death rates from COVID-19 differ between people who are vaccinated and those who are not

CONCLUSIONS