

COVID Plots: Cases and Deaths

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During the pandemic, I was interested in getting an up-to-date overview, not restricted to what the newspapers decided to plot on a given day.

I noticed that some newspapers were using the Johns Hopkins dataset from GitHub, so I decided to analyze and plot the data myself.

Data

The DATA.bib file pulls the newest COVID data from the Johns Hopkins research repository. The data were updated daily during the pandemic.

The country-specific time series start in January 2020 and end in March 2023.

Some countries made a greater effort than others to test and record COVID cases. The COVID-related deaths can be compared between countries, but are also subject to caveats.

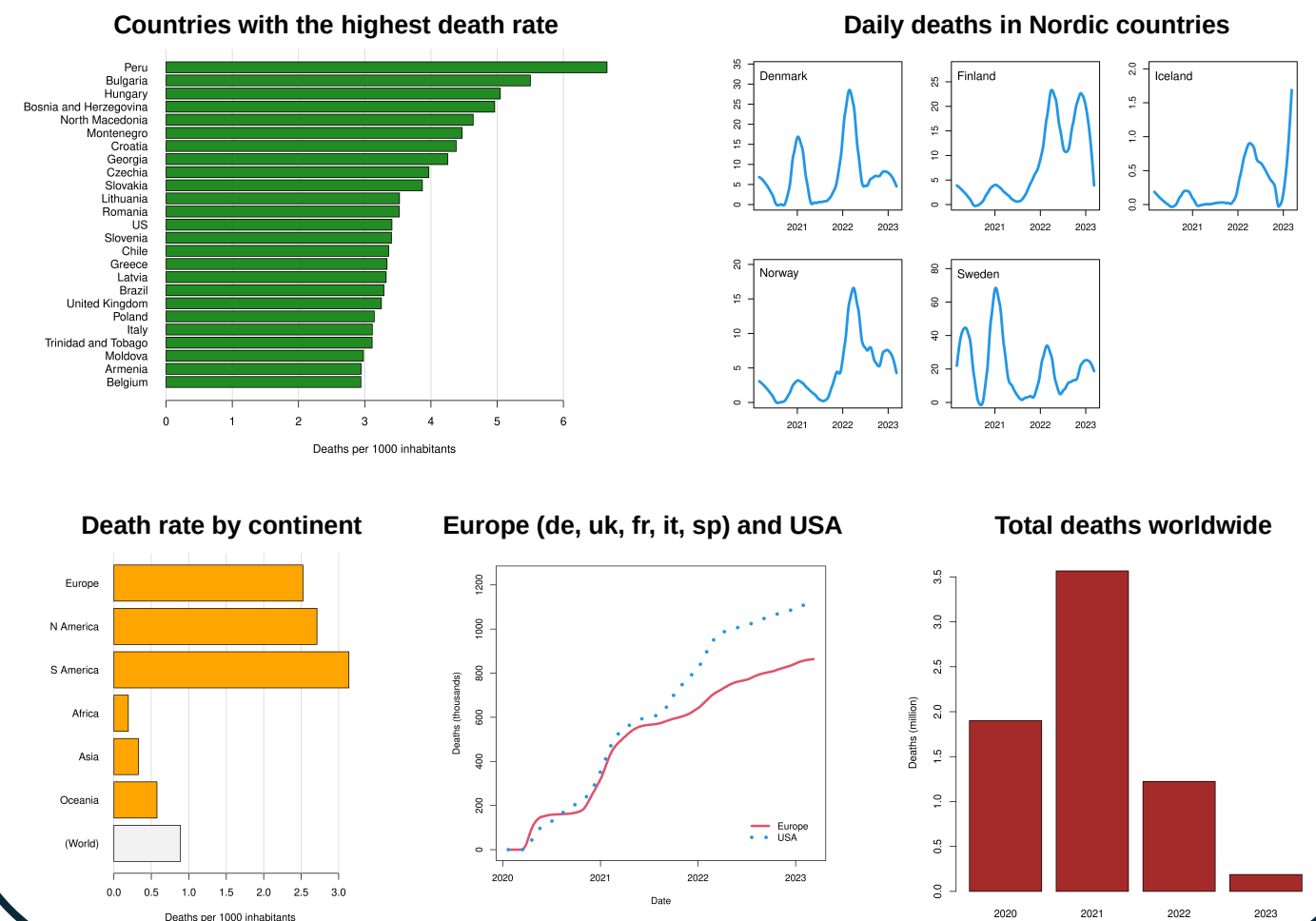
Model

The analysis is quite basic, calculating time series of cases and deaths per 1000 inhabitants, as well as the doubling time.

In the model step, I select countries that I'm especially interested in and define groups of countries, such as W Europe and E Europe.

Measurements of doubling time were highly relevant in the early months, but less so in the later stages of the pandemic.

Output & Report



Data source:

<https://github.com/arni-magnusson/corona>



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