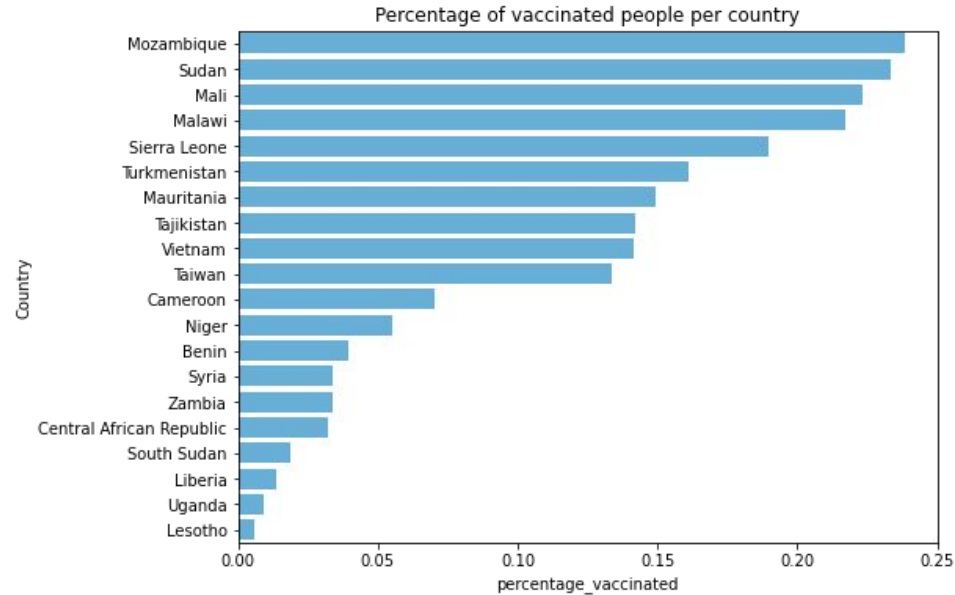
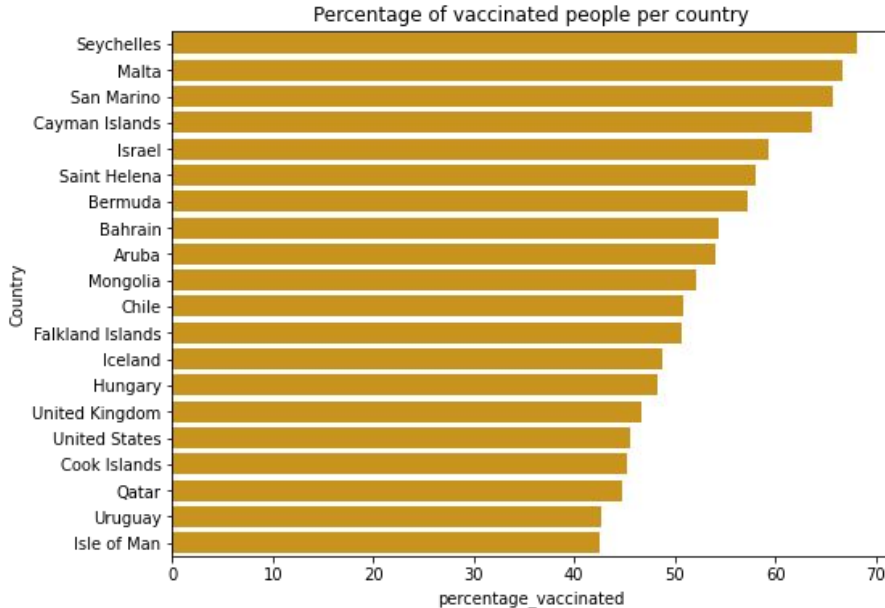


Analyse SARS-CoV-2 vaccines coverage

DSAK 2021

Which countries have the highest and lowest percentage of population vaccinated?

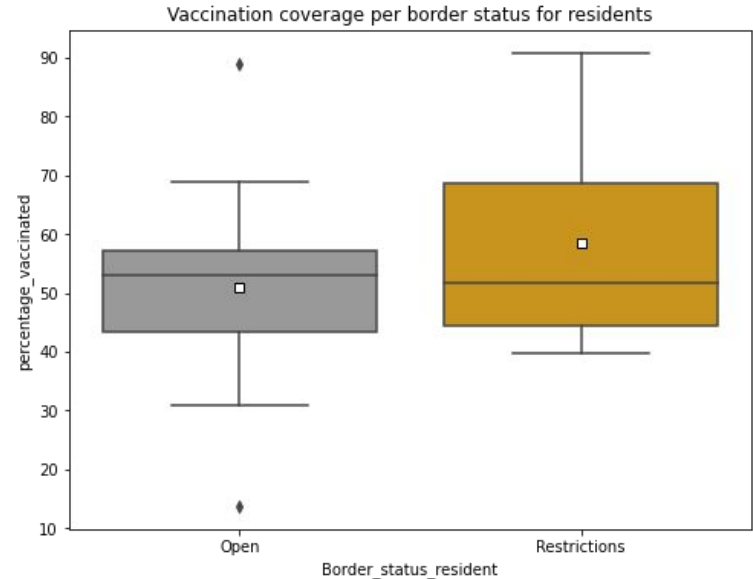
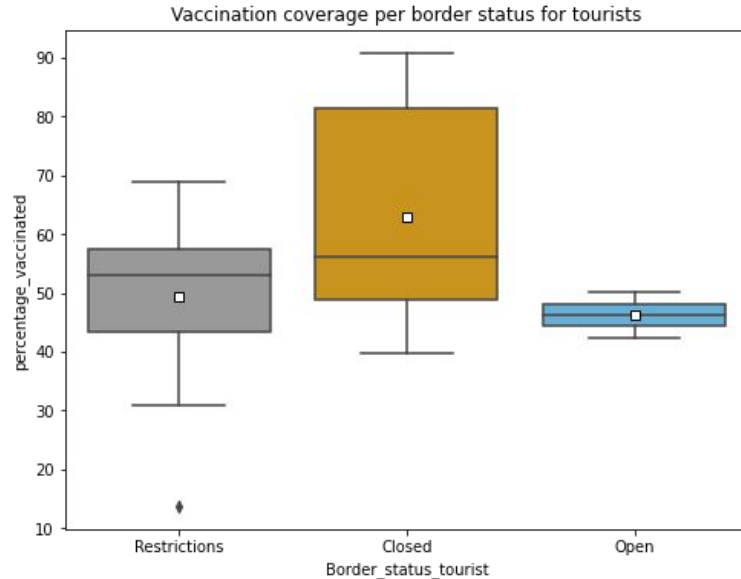
Added 2020 world population dataset to the analysis



- Clear coverage difference between rich and poor countries.
- Seychelles, Malta, San Marino have the highest vaccine coverage.
- Liberia, Uganda and Lesotho have the lowest coverage.

Is there any correlation between the number of population vaccinated vs international borders relaxing?

Collected Border Status from <https://casinodata.io/>



No clear correlation between border status and vaccination coverage.

Conclusion

- More data collection and cleaning are needed.
- Seychelles, Malta, San Marino have the highest population coverage.
- Liberia, Uganda and Lesotho have the lowest population coverage.
- Vaccination coverage seems highly correlated with GDP
- Border status impact unclear.

Next steps

- Aggregate more datasets on border status.
- Is vaccine coverage inversely correlated with vaccine-hesitancy?

Mapping global trends in vaccine confidence and investigating barriers to vaccine uptake: a large-scale retrospective temporal modelling study

[Alexandre de Figueiredo, PhD](#) [†] • [Clarissa Simas, MSc](#) [†] • [Emilie Karafillakis, MSc](#) • [Pauline Paterson, PhD](#) •

[Prof Heidi J Larson, PhD](#)   • [Show footnotes](#)

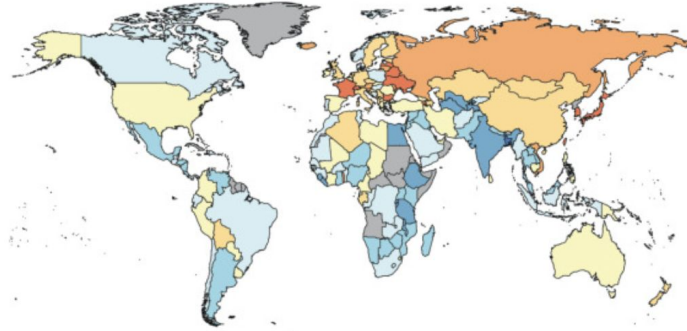
Vaccine hesitancy and vaccine coverage

Respondents who strongly agree (%)

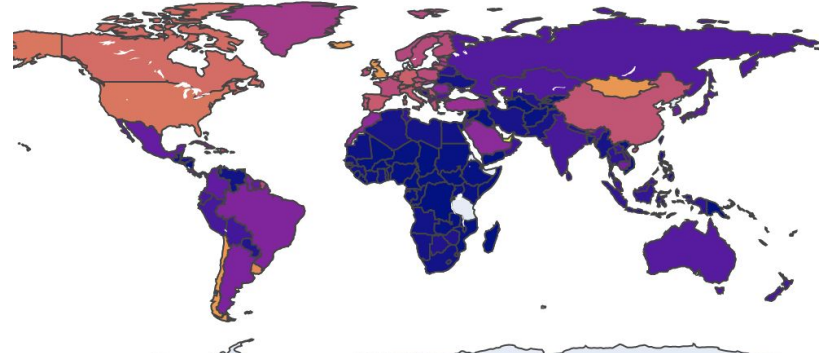
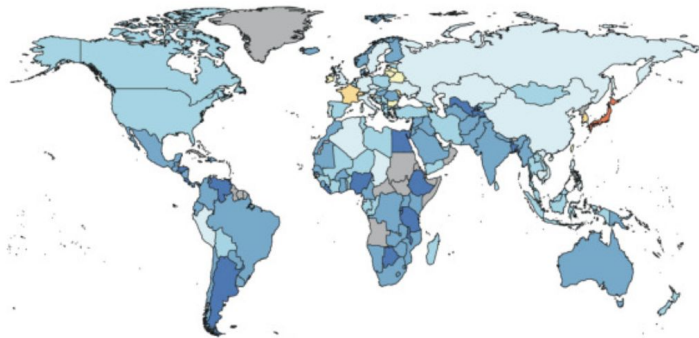
0-29.9 30-39.9 40-49.9 50-59.9 60-69.9 70-79.9 80-89.9 90-99.9

November, 2018

B Vaccines are safe



D Vaccines are important



per 100

