

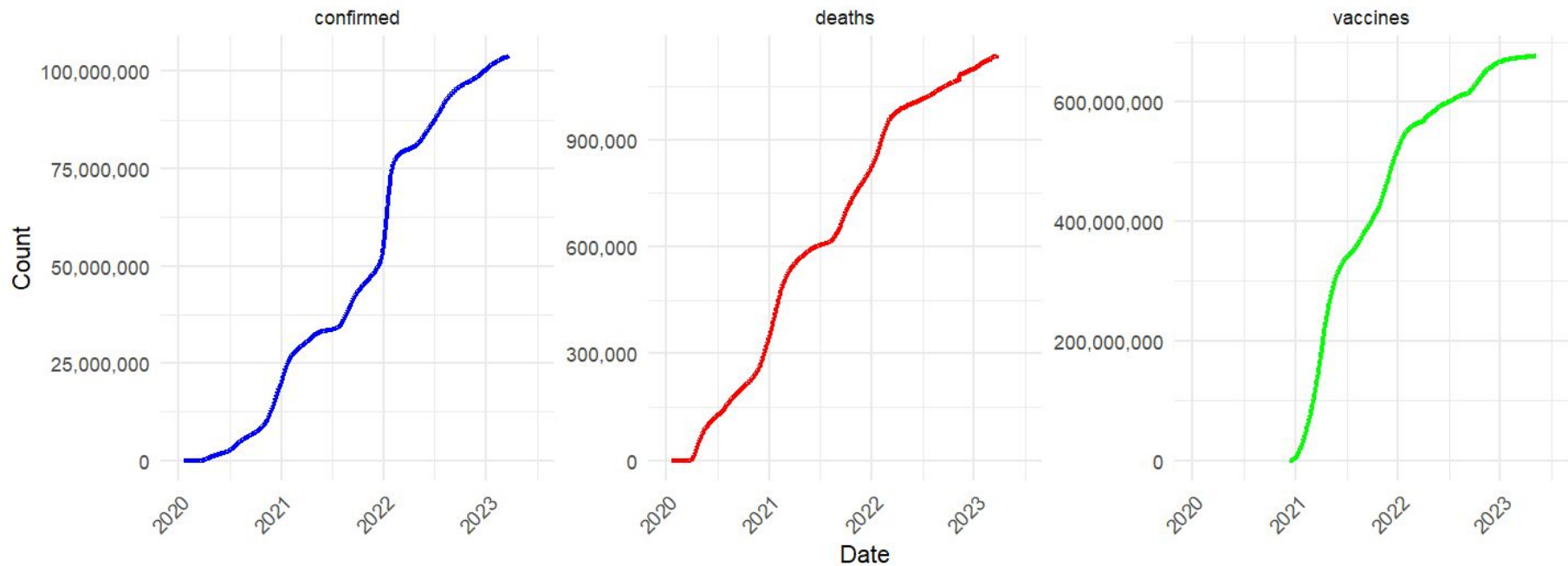
Clustering US States on COVID-19 Restrictions

Rick Powell

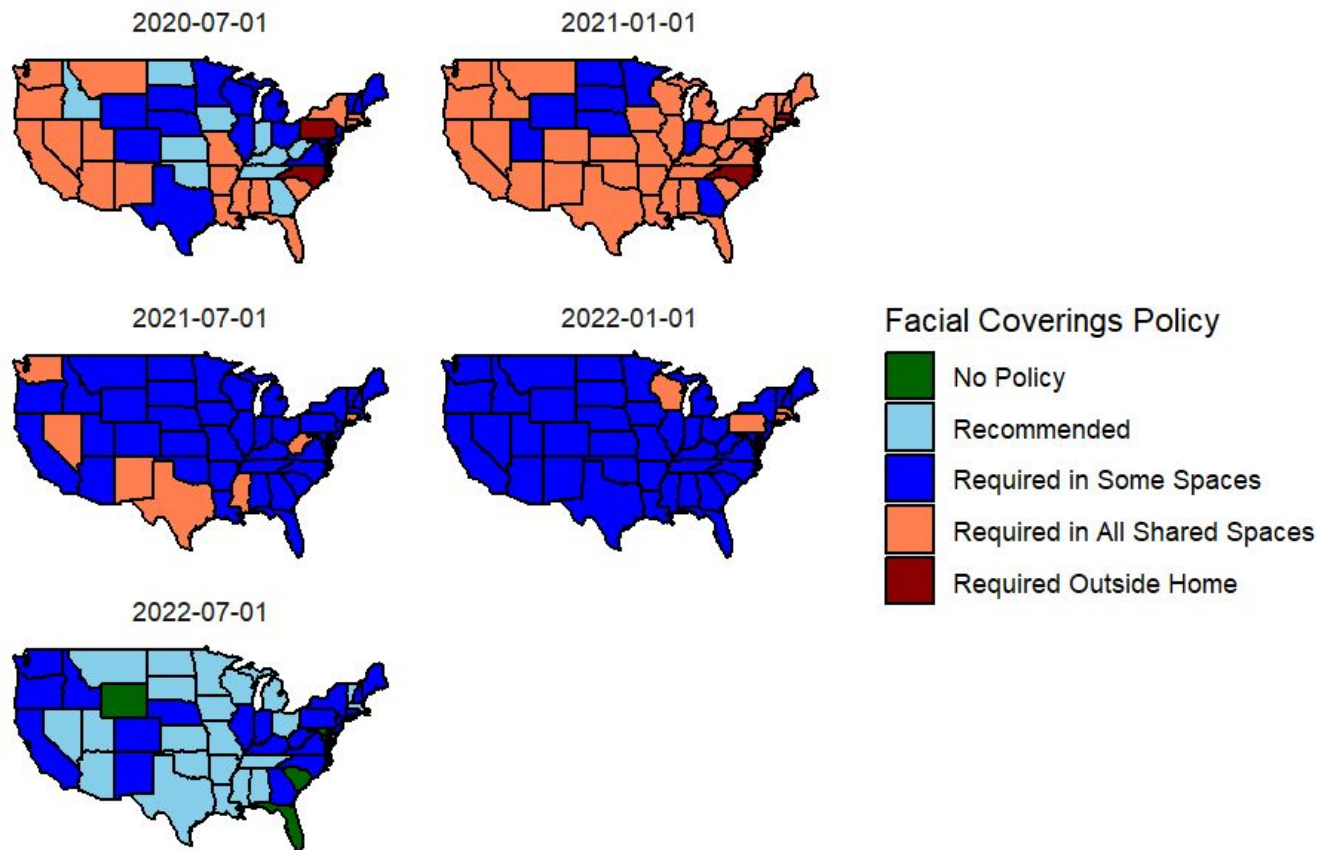
What is the Data?

- COVID-19 Data from covid19datahub.io
- United States, and the Individual States
- 2020 through 2023
- We will focus on Policy Metrics

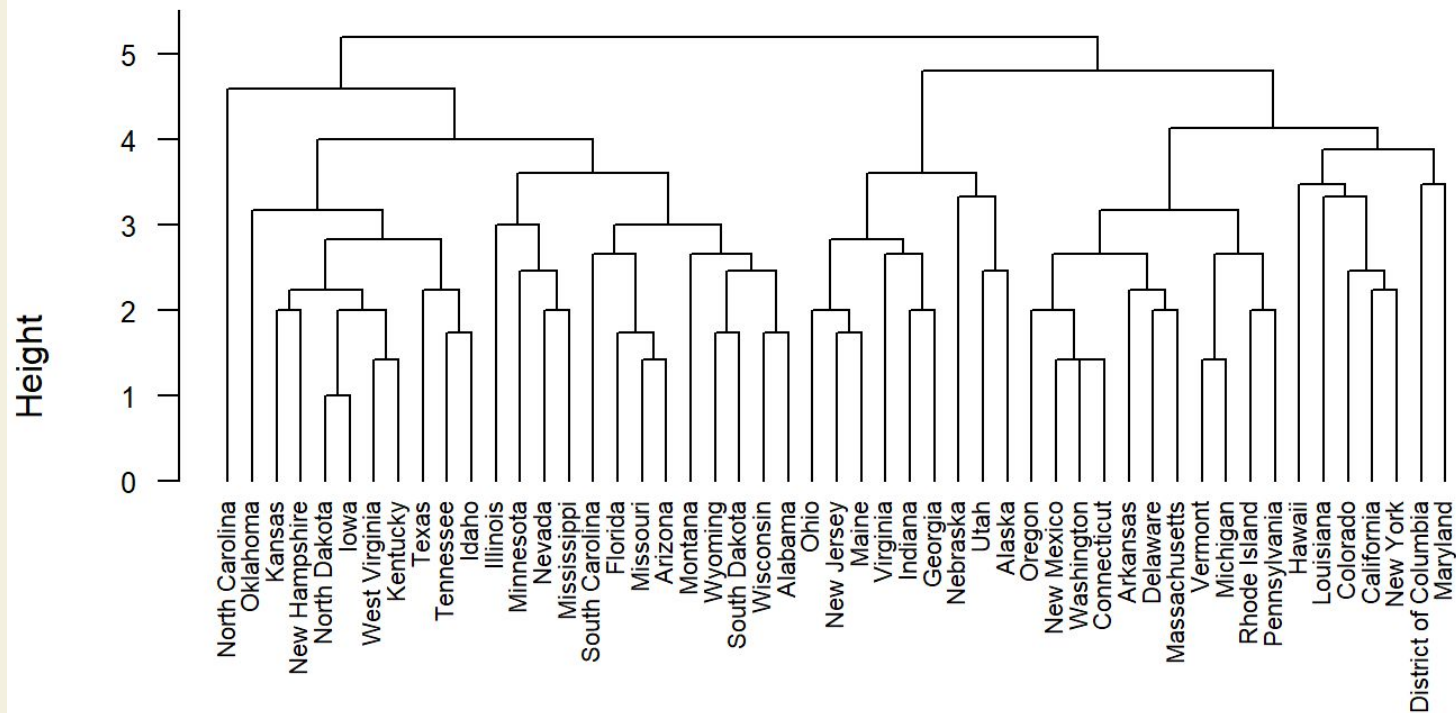
COVID-19 Metrics Over Time in the United States



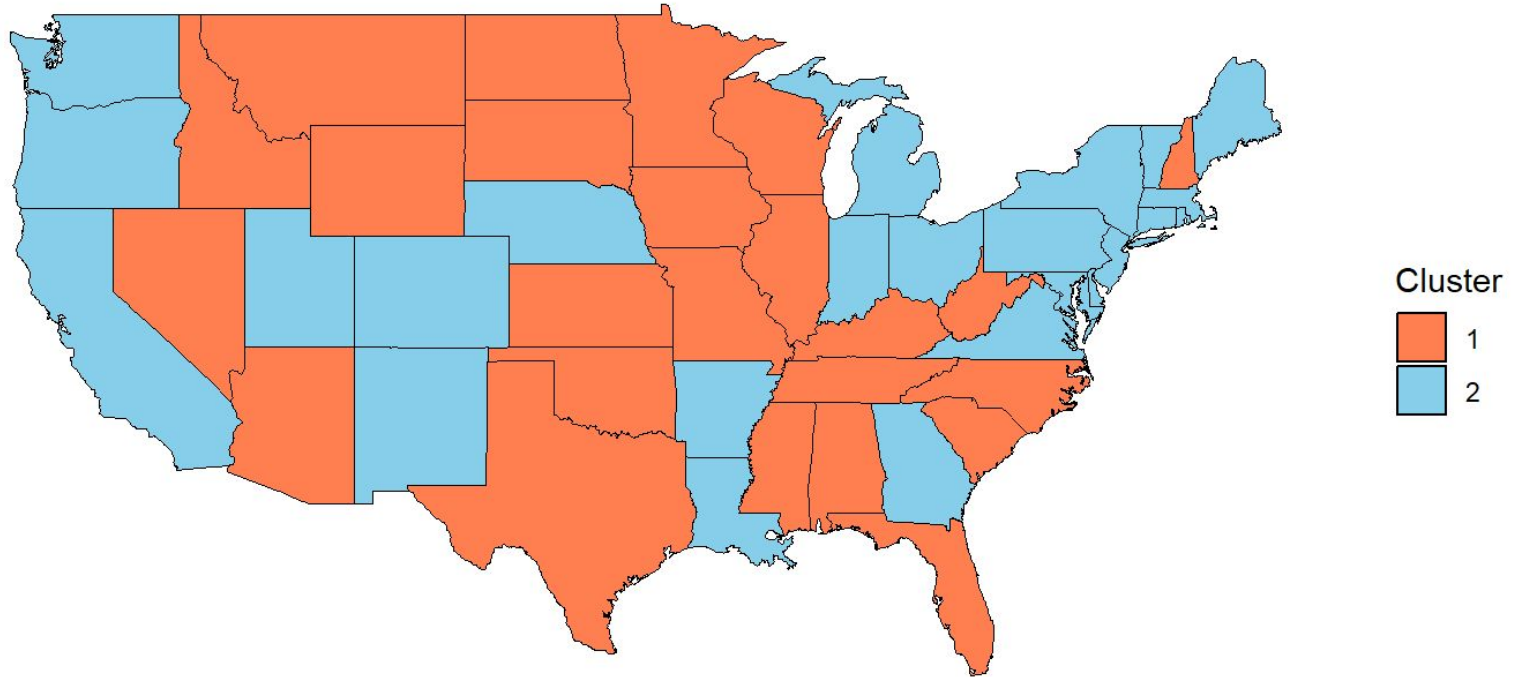
Facial Coverings Policy During Covid



Clustering of US States Based on COVID-19 Policies



Clustering of US States Based on COVID-19 Policies



Conclusion

- We were able to form clusters in our data using the policy metrics over the five time stamps.
- The clustering has some similarities with expected political lines
- We can see how COVID policy differed between political parties

References

Emanuele Guidotti and David Ardia. Covid-19 data hub. *Journal of Open Source Software*, 5(51):2376, 2020. doi: [10.21105/joss.02376](https://doi.org/10.21105/joss.02376).