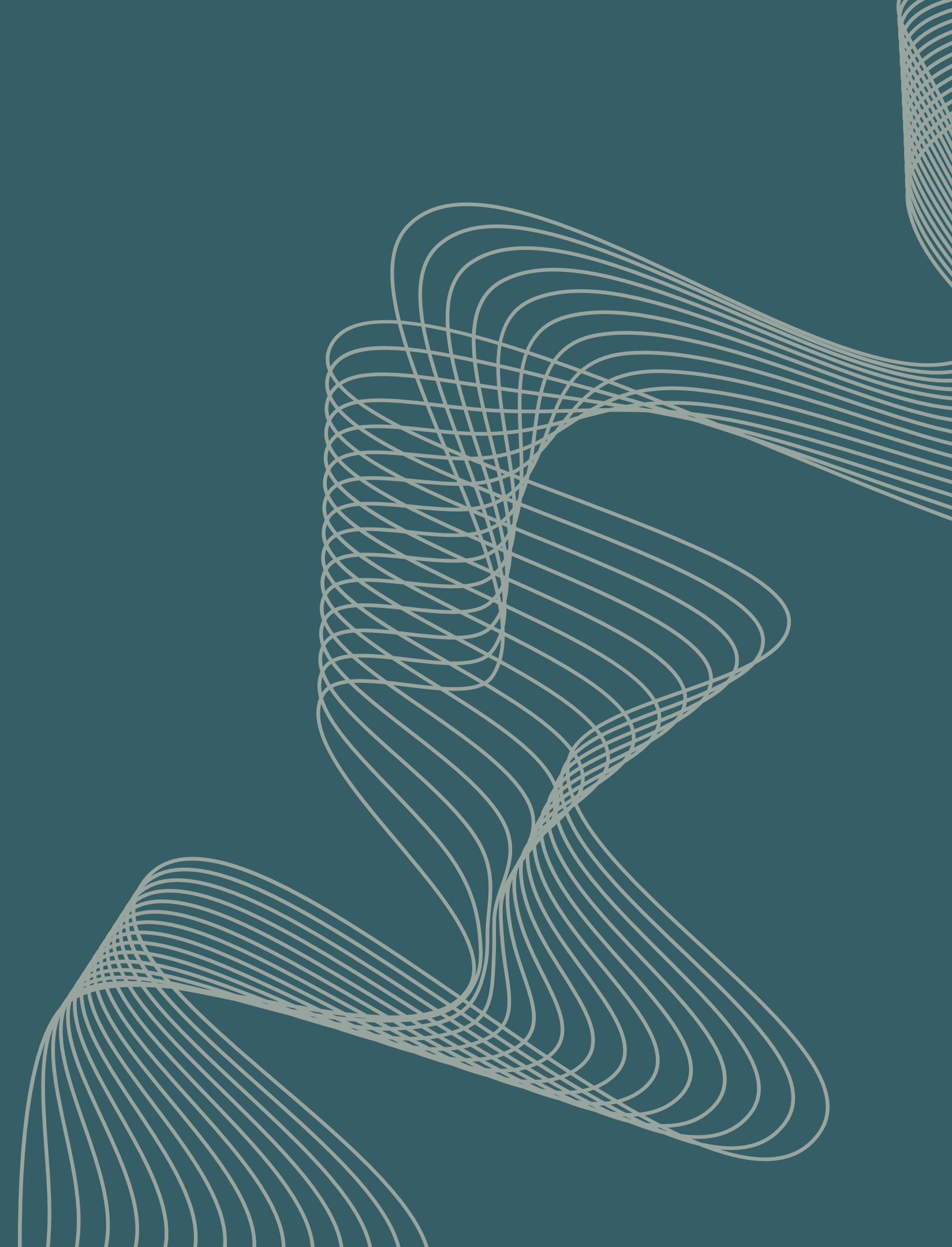


Predicting Covid-19 Outbreaks

Presented by Colin Pelzer



Overview



____ Coronavirus pandemic

____ How machine learning models were
trained and created.

____ Conclusion and next steps

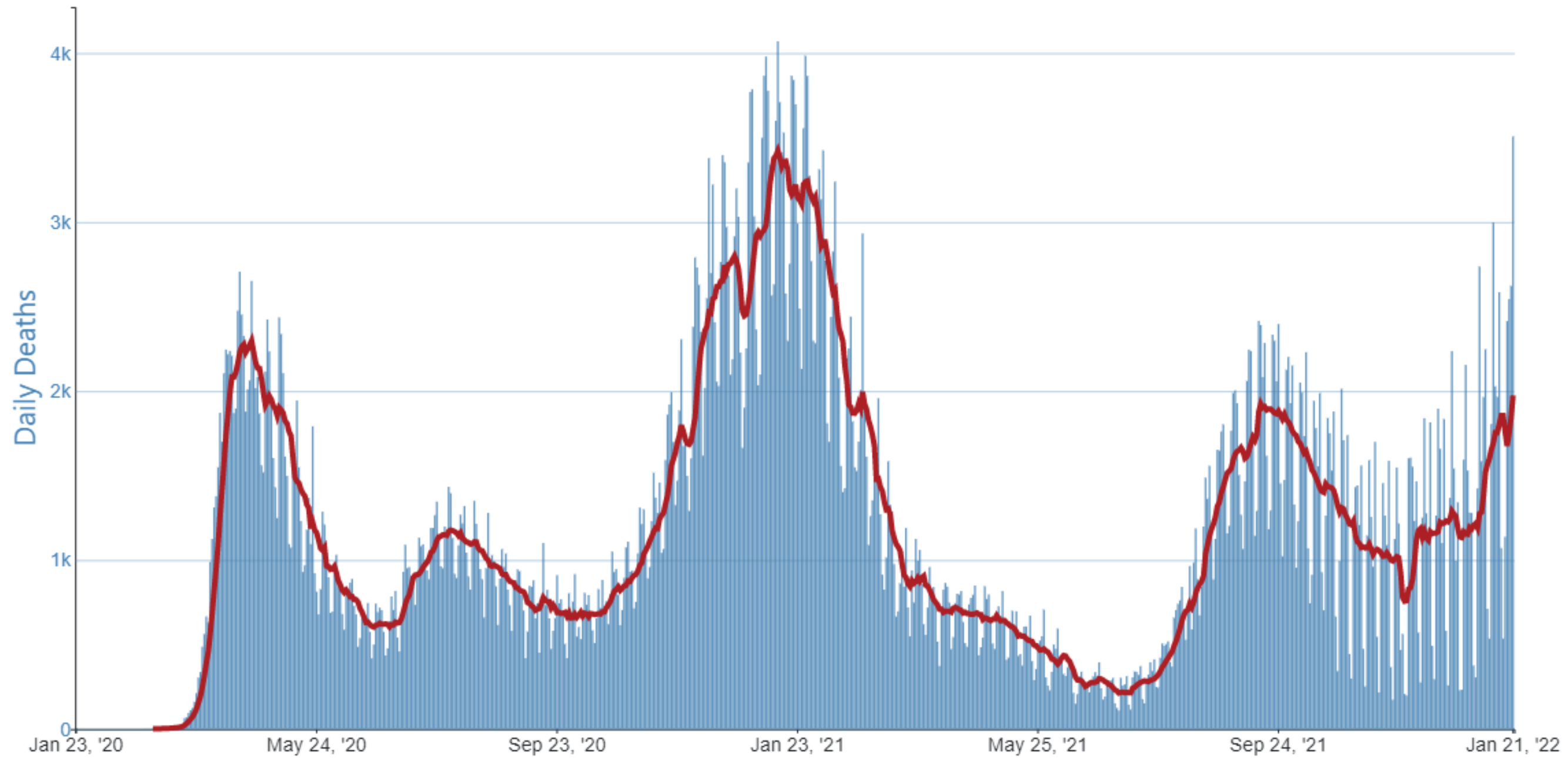


"A negative result,
is still a result"

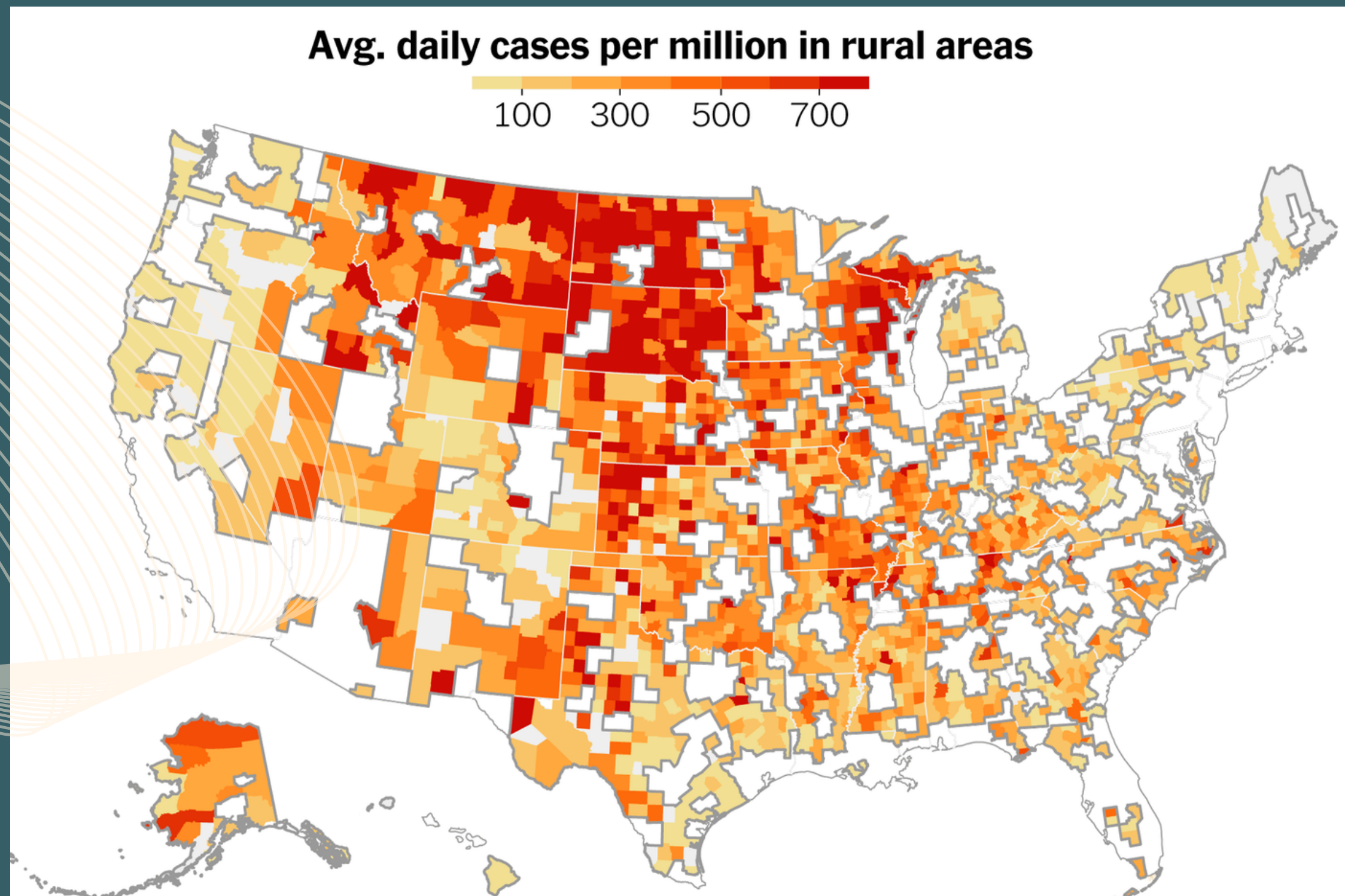
-David Elliott

Covid-19

Daily Trends in Number of COVID-19 Deaths in The United States Reported to CDC



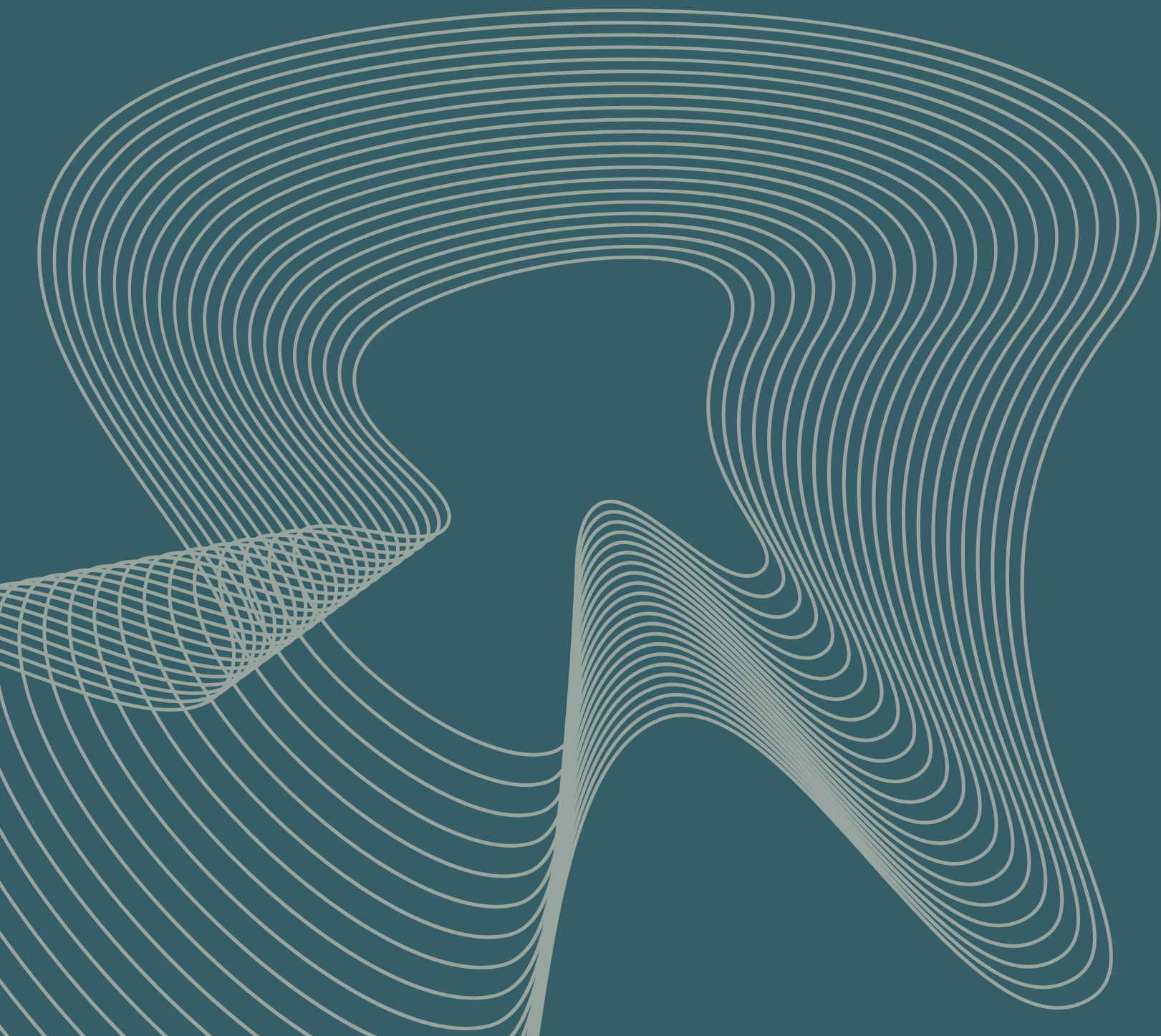
How to Define 'Outbreak'



Model Results

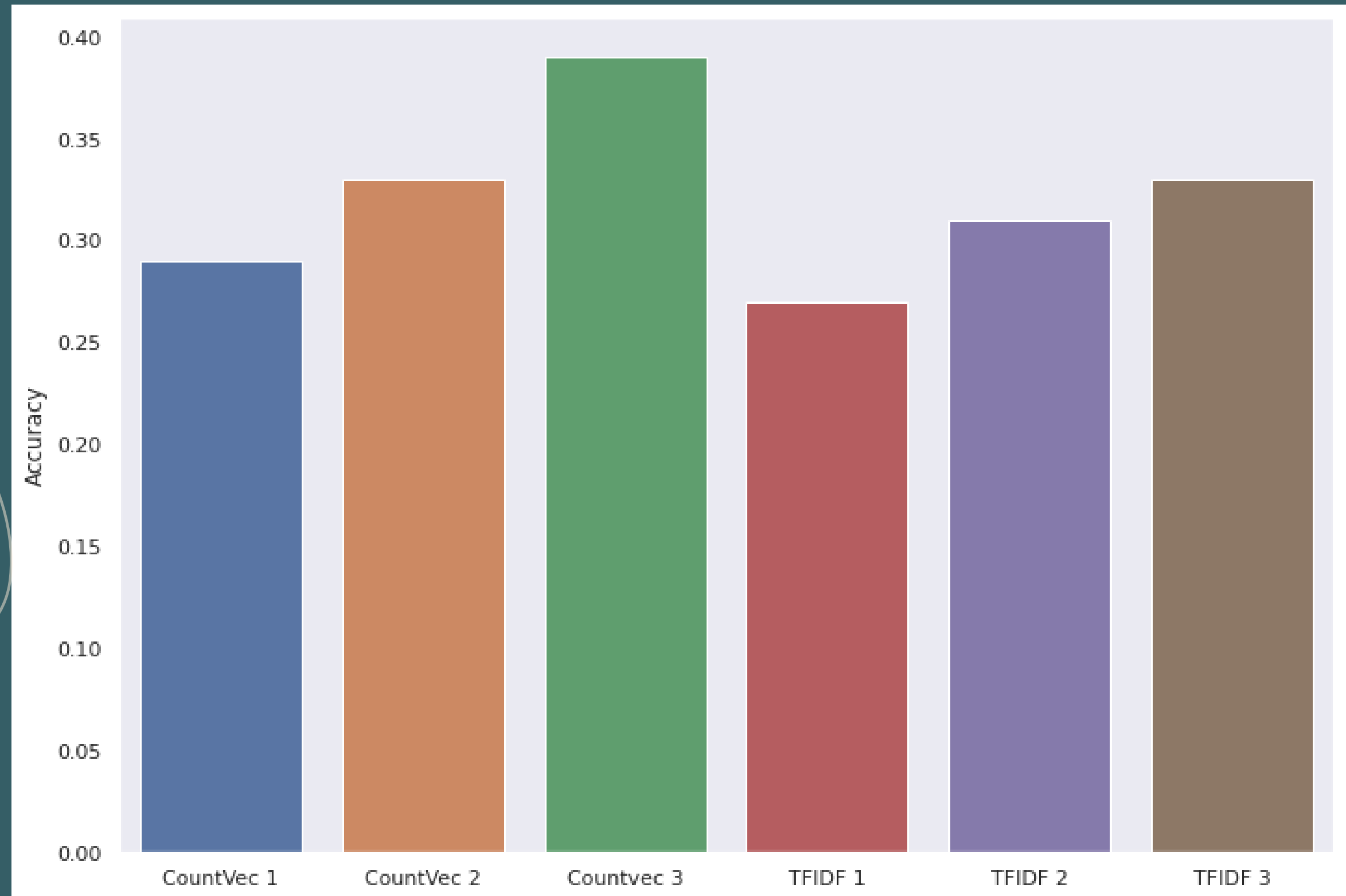
Multinomial Naïve Bayes

- 40% accuracy



Model Building

Iterative Approach



Conclusions & Next Steps

More Data

Different
Sources

Working With Big
Data

Better define
'Outbreak'





Questions?

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