

# Simulation of COVID-19 epidemics

using hhh4 model and SEIR model

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# Outline

1 Intro

2 Results

# Goal

In this slides I would like to present two ways to model the spread of COVID-19 virus.

The models were selected based on the following criteria:

- ① *spatialness*, that is, model has to account for spread both in space and in time;
- ② model has to *use the Trip Distribution data* (i.e. origin-destination matrix) as one of its inputs, so we can show off our GPS data;
- ③ model has to be *easy to implement*, preferably with R or Python reference source code available, or maybe with API available as a part of some software package;

# Results

block

block

alert block

alert block

example block

example block