

Brainstorming about analysis ideas:

1. Development of Denmark vs Sweden (plots!)
2. Exponential models of Wuhan
3. One prediction model (Linear Regression or Keras NN)
4. Making a package for SIR models (?)
5. Exploratory analysis:
 - a. Deaths per day, separate by gender, symptoms, facet by country
 - b. Trend line analysis
6. Shiny app (?)
7. Average COVID confirmation waiting time (per day), grouped by country
8. Occurrences of symptoms
9. Proportions of symptoms across COVID-infected people, both globally and also grouped by country (i.e. Location-dependent symptoms)
 - a. Grouped by dead / surviving / long_term
 - b. Need to find article about L/D orientation of COVID virus
10. In the first slide of our presentation, we can have a geographical heatmap for the whole world with infected or deaths
11. When did the epidemic become a pandemic?

Questions for Leon:

- With regards to symptoms, what is tidy data? Do we need to have tidy data?
- Should we have a package/shiny app?
- With regards to RMarkdown, how do we do it?
 - Do we have different analysis paths, each in its own Rmd or R script?
- Since we have data in CSV format already, then the "load" script should be "load-and-clean" instead?