

==== EXERCISE 04, FIRST YEAR PROJECT 2022, PROJECT 1

Doing this exercise is doing work for your submission. You do not have to finish all the points listed below within the exercise time of 2 hours! Use the exercise time to start (with help from TAs), and then finish everything within 2 days together with your group. The next exercise will build on that.

- Build on top of the previous exercises, merging the corona and weather data in the same dataframe
- The weather variables are correlated with each other. Do a multivariate regression to figure out which one is actually doing the work.
- If your any of your variables is skewed, log transform it
- Try to predict both total cases and cases per capita
- Estimate the region fixed effects
- Use the region fixed effects in your regression with all the weather variables
- Cluster your standard errors at the region level