Programming with R, Week 4 labs

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Exercise one

Download "lab3 dataset" from Camino or Github to a folder on your laptop

Set working directory/ path to prepare your computer to load the csv

Load the csv file

Exercise two

Check if the csv already have preset column and column names

Check and print the total numbers of NA in the table and Nas form each column

Exercise three

Make five separate sub-tables from the main table
(dissimilar index, isolation index, delta index, absolute centralizing index and spatial proximity index)

Exercise four

Show basic summaries of the main table and all five sub tables

Include the mean of each category over time, for example, in the dissimilar index, the mean of Metropolitan Hispanic and Latino would be the mean of c(0.502, 0.5, 0.509)

You only need to do the means for the dissimilar index, and delta index in the exercise

Exercise five

Make a graphic summary of the dissimilar index, do not include small multiples, just make simple plots, bar graph or visual representation of the dissimilar index