

Initial analyses

EDH7916 | Summer (C) 2020

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From the syllabus:

For your final project, you must produce a 3-5 page report on a higher education topic of interest. The report should be a combination of writing, tables, and figures, have minimal citations (if any), and be fully reproducible with minimal effort. You must use data that is either publicly available or that can be shared with others (no IRB restrictions). Everyone will submit three preliminary assignments in

addition to the final report.

This assignment represents the second of those three preliminary assignments.

For your initial analyses, I need the following in either a cleanly formatted R (.R) script or RMarkdown (.Rmd) file:

1. Code that:
 - Reads in the data set that contains your dependent variable
 - **[If appropriate]** Converts missing values to NA
 - **[If appropriate]** Reshapes data
 - **[If appropriate]** Joins data
2. **3** of the **4** following plots:
 - A univariate graphic describing the dependent variable (*e.g.* histogram)
 - The conditional mean of your dependent variable at levels of at least one independent variable (*e.g.* box-and-whisker)
 - The distribution of your dependent variable at levels of at least one independent variable (*e.g.* grouped density plot, faceted density plot)
 - A bivariate graphic that compares your dependent variable with at least one other independent variable (*e.g.* scatter plot)

Submission details

- Upload to our CANVAS course site no later than 11:59 p.m. EDT on the due date
- Save your file as:
 - <name>_analyses.R (if submitting an R script)
 - <name>_analyses.Rmd (if submitting an Rmd file) where your last name replaces <name> (*e.g.* skinner_analyses.R or skinner_analyses.Rmd)