SOC 4930/5050: Exercise-11b - Correlation Tables in LaTeX

Christopher Prener, Ph.D.

November 6th, 2017

Table 1: Example Correlation Table

	cyl	cty	hwy
cyl	1.000		
cty	-0.806^{***}	1.000	
hwy	-0.762^{***}	0.956^{***}	1.000

Execute the Scripts

Go to the course website, *click* on the view raw text below both GitHub Gists and copy them into two new `R` scripts (File ▷ New File ▷ R Script), one for each Gist.

Execute the script that creates the `corrTable()` function first by placing your cursor at the end of line 72 (has only a close bracket after the `return() function on line 71`) and clicking the Run button.

Then execute each of the lines of the sample code by placing the cursor at the end of line 1, clicking the Run button, and then clicking it again for each line of the script.

Editing the LaTeX Table

1. Add `\usepackage{xcolor}` to the preamble of your document.
2. Copy and paste the LaTeX output from the `stargazer` function into the body of your LaTeX document for today's lecture.
3. Change the justification of each of the four columns from center ("`c`") to left ("`l`"), and recompile the document.
4. Re-center the three header rows that list the variable names "`cyl`", "`cty`", and "`hwy`", and recompile the document.
5. Add white negative symbols before each of the positive numbers in the table. Make sure the negative symbols are added in "math mode" , and recompile the document.
6. Add superscript asterisks, and recompile the document.