

# Intro to R for Epidemiologists

## Lab 14 (4/23/15)

### Part 0. Course evaluations

Please complete the evaluations for this course before preceding to the next section. Evaluations can be found at <http://www.sph.emory.edu/rollins-life/evaluation/index.html>

### Part 1. Conditional formatting

Download the `OR_df.RData` file from week 12's lab. First, convert the variable column to a character. Then, create an html table (using `rmarkdown` and `knitr`) with

1. Rows alternating grey/white shading
2. Proper p-value formatting
3. Red text color indicating significant p-values
4. Rounded odds ratio and confidence interval columns to 2 decimal places

### Part 2. Shiny applications

1. Take a look at an example from the shiny gallery: <http://shiny.rstudio.com/gallery/faithful.html>
2. What function is needed in your `ui.R` file to add checkboxes?
3. Modify your shiny function to have checkboxes instead of dropdown menu for month. Hints:
  - You will need one checkbox for each month
  - It might be helpful to first print the output corresponding to the checkboxes to determine how to handle the data when multiple boxes are selected.