

# HW 1 Introduction to R

*STAT 5400*

*Due: Sep 6, 2019. 9:30 AM*

Markdown is a easy-to-use formatting syntax for writing HTML, PDF, and even word documents. See a tutorial in <https://rmarkdown.rstudio.com/lesson-1.html>. Write this homework using R Markdown. Submit your generated PDF and Rmd file electronically on ICON.

## **Reading assignments.**

If you are new to R: Read Chapters 1-4 of R for Beginners by Paradis. [https://cran.r-project.org/doc/contrib/Paradis-rdebuts\\_en.pdf](https://cran.r-project.org/doc/contrib/Paradis-rdebuts_en.pdf).

## **Problems**

1. The following problems from the online book called Using R for Data Analysis and Graphics by Maindonald. <https://cran.r-project.org/doc/contrib/usingR.pdf>.
  - Problem 5, page 20.
  - Problem 2, page 30.
2. All the problems on page 61. (You don't have to turn the problems on page 61 in; just do them on your own.)