

Homework 0

STAT 697STA Spring 2023

Helpful by February 10, 2023, 9:40am

1 Reading

- Begin to read Chapters 1 and 2 of the text.
- Review the group norms adopted last year on Moodle. Consider what you'd like to keep or change for our class, for discussion Friday.

2 Actions

(Do not turn in homework this week. Do complete the background survey and take these actions to prepare for next class.)

1. Following the guidelines [here](#), install R and RStudio on your own computer.
2. I strongly recommend using RMarkdown to create .pdf files of our work to turn in on Gradescope. Watch the brief video about RMarkdown [here](#). You may use the rest of this page as reference later, but you should be able to do what you need with other materials in the class.
3. Create a directory for this course on your local computer.
4. Download the file `Homework1.template.Rmd` from Moodle and place it in your directory for this course. Click on this file to open it. It should automatically open in RStudio, with working directory set to the location of this file.
5. If you do not yet have a version of LaTeX installed on your computer, install the 'tinytex' R package using the following two R commands, executed successively:

```
install.packages('tinytex')
tinytex::install_tinytex()
```

Again, you need only do this once, and can just do it in the console. *Hint: sometimes the special characters don't copy-paste well. You may need to type these lines yourself.*

6. Attempt to “knit” the file to .pdf. With the Homework 1 template opened in RStudio, click “knit” to create a .pdf output file. Next week, after you have filled in the answers to all the questions, you will need the resulting .pdf to turn in your homework. If you can get it to “knit” now, that's great. We will also have a little time for possible troubleshooting in class on Friday.
7. Sign up for our course [gradescope](#) page.

3 Online Questions

For this week's online questions, please complete the poll on your background and interests [here](#) if you have not already. It is also linked from Moodle.