Instructions

**OVERVIEW**

You are encouraged to work together on homework using the discussion forum. However, sharing, copying, or providing any part of a homework solution or code is an infraction of the University’s rules on academic integrity. Any violation will be punished as severely as possible.

**Download and open the w01-hw-assign.zip file to get started.**

[w01-hw-assign-su21.zip](https://d18ky98rnyall9.cloudfront.net/Lsa7ANWsTPWGuwDVrJz1Lg_c9777fbff7614ac7a130ec60c19aa7f1_w01-hw-assign-su21.zip?Expires=1621814400&Signature=IP8IRCD5rZjbq1awDbjBiX54izEwyJafjXMiLm3opC6CSMXpWnnjU1mmnueZL9gBH1AXvLv0WfQh07Kj2ZPm40Dp3y5pLGqpQpClr9RYEQPs0OqFAnmNb9BSorh4s5vC-zjO6IcIHQ7Wm~AfUSdfRfbji5YmqUkZbwh6IkDLHio_&Key-Pair-Id=APKAJLTNE6QMUY6HBC5A)

Here is a sample homework .Rmd file with both assignment and solution code that you might find useful.

[sample-hw-assign-su21.Rmd](https://d18ky98rnyall9.cloudfront.net/GcD31btxREuA99W7cURLbw_b0734e3a01654cc1b2a25a451cf322f1_sample-hw-assign-su21.Rmd?Expires=1621814400&Signature=U5WJNAba1QyDIWkZClWgIKjc3a93E6mubuJQ-PPmmxMnu04XsTtt8uNv65H8qrTPOx4ASvTzIzpaQLaR75V2FaoHpB96jQkHY7Qol0fLapTrUbPYZ~VRSTYJhX6bHEdkQHAyo-elQNCnZYp1ZesFAoyWOAxp8-bbH6uY8~tLV-U_&Key-Pair-Id=APKAJLTNE6QMUY6HBC5A)

**The file contains:**

* An **.html** file containing the questions and any additional directions
* The **.Rmd** file that was used to generate the **.html** file, which you may use as a template. If you use it, be sure to remove the directions section and consider removing eval = FALSE from any code chunks provided (if you would like to run that code as part of your assignment). You may leave the questions in your final document.
* Any data files needed for the assignment, usually as a **.csv**

Other Notes

* Unless otherwise stated, you may use **R** for each of the exercises.
* Be sure to read each exercise carefully!
* Include your name and NetID in the final document, not only in your filenames.
* Use the course forum to ask any clarifying questions about this week's homework. Please be specific about the exercise number for the question you're asking. Tips, hints, and suggestions can be given, but never a direct answer or solution. You may also ask questions about notation, examples, topics, and items seen in the textbook and videos.

Submission Instructions

Your assignment must be submitted through the **Upload File** button on the **My submission** tab. You are required to attach one **.zip** file, named **w01-hw-yourNetID.zip** (for example, w01-hw-dalpiaz2.zip), which contains:

* Your RMarkdown file, which should be saved as **w01-hw-yourNetID.Rmd**
* The result of knitting your RMarkdown file, as **w01-hw-yourNetID.html**
* Any outside data used for the assignment

Your **.Rmd** file should be written such that, when stored in a folder with any data you are asked to import, it will knit properly without modification. If your **.zip** file is organized properly, this should not be an issue. That is, if your **.zip** file is unzipped, the **.Rmd** file should knit on any computer.

**You must click the SUBMIT button for us to receive your Homework submission for grading.** You can save a draft of your submission at any time, but be sure to **Submit for review** before the deadline. You are allowed an unlimited number of submissions. If you would like to replace your current submission with a new one, simply revisit the Weekly Homework page and click **Start New**.

**REVIEW CRITERIA**

This assignment is worth **100 points** total.

Your resulting **.html** file will be considered a “report,” which is the material that will determine the majority of your grade. Be sure to visibly include all **R** code and output that is relevant to answering the exercises. You should not include irrelevant code you tried that resulted in error or did not answer the question correctly.

A solution to this assignment will be provided shortly after the deadline.