

Homework 05

yourname

24 February, 2024

This homework is due by Thursday by 2:30pm.

For this homework, you will create files in your personal version of the team project (e.g., `<liaison-yourname>` project), commit those files, and push to your GitHub account. Evaluation will be based on a review of your repository status by the due date.

Overview

Instructions for the homework are in a separate file to keep the homework file short. You can:

- download the instructions for this homework from https://raw.githubusercontent.com/slicesofdata/fods24/main/homework/HW05_instructions.pdf
- or view at https://github.com/slicesofdata/fods24/blob/main/homework/HW05_instructions.pdf

Creating your Script Files

As referenced in a previous class exercise, your script files should contain authorship details, a clear description of the goal of the script and what it does, as well as readable sub-sections that are easy to follow. A general template file was located here.

In your personal team project `<liaison-yourname>`, create:

Data Processing layer 4: `/r/<subtask>/<subtask>_long_clean.R` layer 3: `/r/<subtask>/<subtask>_wide_to_long.R`
layer 2: `/r/<subtask>/champ_all_waves_create_<subtask>_subset.R`

Base layer 1: `/r/champ_all_waves_initial_clean.R`

Note: Additional files described in the instructions will need to be created as you and your team accomplish those goals.

Editing your Script Files

Inside each script file, you should:

- load the relevant libraries needed for that script to run, and
- source dependent script file; and
- include code to read in the data produced by the dependent script file; and
- include code to write out data files; and
- aim to provide clear documentation of goal of the code sections so that you and your liaison can understand it

Adding, Committing, and Pushing to your GitHub Remote Repo

After you create each file, add it to Git, commit it with a message, and push to your remote repository. Repeat for all files.

Finally, knit an `html` file and upload it to: <https://claremontmckenna.app.box.com/f/026ed41483fb4a739f0ddfc7fbf8fd01>