

# Lab 8 - Using Density PLOTS to Compare Distributions

Ariane Ducellier

10/24/2023

In this lab, we are going to visualize the distribution of tip amounts in restaurants for different days of the week.

## Libraries

Load the necessary libraries.

```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr      1.1.3      v readr      2.1.4
## v forcats    1.0.0      v stringr   1.5.0
## v ggplot2    3.4.3      v tibble    3.2.1
## v lubridate  1.9.3      v tidyr     1.3.0
## v purrr      1.0.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

## Data

Use the data from the Restaurant Tips data set.

```
library("Lock5Data")
```

## Plot

Complete the cell with the code to make the plot.