

Tidyverse Functions

- [`read_csv\(\)`](#): Reads a CSV file into a data frame (R's name for "spreadsheet style" data)
- [`filter\(\)`](#): allows us to remove rows from a data frame depending on their value
- [`select\(\)`](#): allows us to take entire columns in/out of a data frame
- [`add_column\(\)`](#): allows us to add a column to the data frame
- [`group_by\(\)`](#): allows you to group by 1 or more variables
- [`summarise\(\)`](#): after `group_by`, allows you to summarise groups, e.g., getting mean of values in column A based on categorical variable in col B
- [`ggplot\(\)`](#): the visualisation arm of of the tidyverse

Other functions

- Vanilla R
 - head(): this allows us to see the first 6 rows of a dataframe to check what's going on
 - unique(): gives the unique values for a variable
 - rbind(): allows us to bind multiple dataframes together, as long as they have the same column names (stands for *row bind*)
 - mean(): calculates the mean of a vector of values
- DescTools: A package for descriptive statistics in R
 - MeanSE(): calculates the standard error of a vector of values
 - Entropy(): calculates the Shannon Entropy from a frequency table