Introduction to R for Data Management and Analysis

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Notes on the Tuesday's lecture

- Changing the levels of a factor
- converting factors to numeric
- data classes: lists and matrices
- Up arrow in RStudio
- Basics of R Markdown

Recap

- Import and Export data
  - Know your paths
  - Most export functions include the word "write" (i.e., write.table)
- Classes (bicycle analogy)
  - can have particular operations
  - some functions are similar across classes
  - identify a class by using the class function
- Factors and levels
- data.frames and lists
- subsetting using vectors
  - Accessing columns with [and $
- coercion (as.**classname**)

Data Manipulation Overview

- Subsetting (cont.)
    - vectors and [with character, numeric, logical
    - lists and [/ $
    - double brackets [[
    - with conditions
- Sorting and aggregating data
- removing duplicated records
- removing records with NA
- merging and binding
- transformations