Chapter 5: Variables and Manipulation
Exercises

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Exercise 1

a. Using the `VF England.csv` dataset, re-label the values of `voter2017_dum` to:

- "Winner" as "Conservative Vote"

- "Loser" as "Not Conservative Vote"

- NA as "Did Not Vote"

b. What is the level of measurement of this recoded version of `voter2017_dum`?

Exercise 2

a. What is the level of measurement of `vfalter`?

b. Re-arrange the values of `vfalter` (responses for the survey question 'there's enough voter fraud to alter election outcomes') to be ordered from "Strongly disagree" to "Strongly agree".

c. What is the level of measurement of this recoded version of `vfalter`?

Exercise 3

Recode the variable from Exercise #2 to create a dummy variable, where all the "agree" values equal "Agree", all the "disagree" values equal "Disagree", and the "Neither agree nor disagree" value is set to missing (i.e., NA).

Exercise 4

Using the `simd2020.csv` data, convert the variable `DEPRESS` into a percentage (i.e., out of 100) and save as a new variable named `pct_depress`.

Exercise 5

Collapse the variable `pct_depress` (created in Exercise #4) into 3 categories:

- 0-10: "Low"

- 11-20: "Medium"

- Greater than 20: "High"

For the answers see **Chapter 5 - Answers to Exercises**.