Homework 8

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Exercise 1.1

For this exercise, I was careful to **style** my *text* so that it was easy to read.

Where possible, I...

1. answered with
2. numbered lists.

Where appropriate, I...

- answered with
- bulleted lists.

I formatted my `inline code` correctly and I used

Headers,

Subheaders, and

Subsubheaders

to organize my work.

I even used LaTeX equations, like $y = mx + b$, where needed.

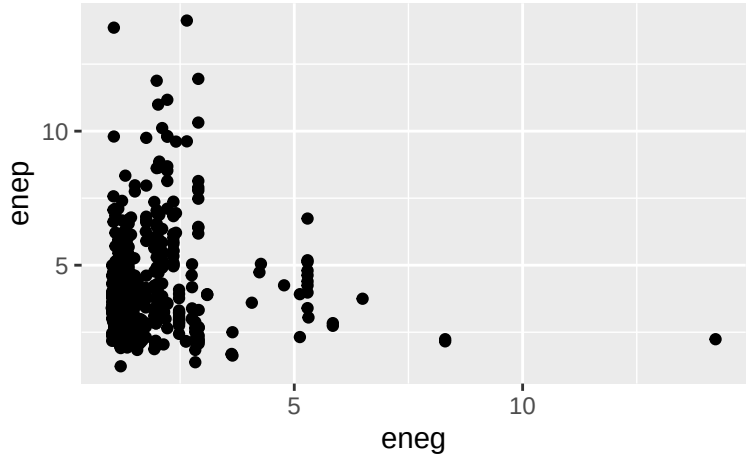
I quoted authorities on the topic:

> "Always scatterplot your data." —Carlisle Rainey

Most importantly, I used R code chunks to include code, output, and figures in the document without copy-and-pasting.

```
parties <- read_rds("data/parties.rds")

ggplot(parties, aes(x = eneg, y = enep)) +
  geom_point()
```



Notice how I overrode the `fig.height` and the `fig.width` I set as the default in the initial code chunk above. Here's a bit more discussion about Exercise 1.1.

Exercise 2.3

Here's another exercise...

```
parties <- read_rds("data/parties.rds")

glimpse(parties)
```

```
## Observations: 555
## Variables: 10
## $ country              <chr> "Albania", "Albania", "Albania", "Argenti...
## $ year                 <int> 1992, 1996, 1997, 1946, 1951, 1954, 1958,...
## $ average_magnitude    <dbl> 1.00, 1.00, 1.00, 10.53, 10.53, 4.56, 8.1...
## $ eneg                 <dbl> 1.10693, 1.10693, 1.10693, 1.34210, 1.342...
## $ enep                 <dbl> 2.190, 2.785, 2.870, 5.750, 1.970, 1.930,...
## $ upper_tier           <dbl> 28.57, 17.86, 25.80, 0.00, 0.00, 0.00, 0....
## $ en_pres              <dbl> 0.00, 0.00, 0.00, 2.09, 1.96, 1.96, 2.65,...
## $ proximity            <dbl> 0.00, 0.00, 0.00, 1.00, 1.00, 0.20, 1.00,...
## $ social_heterogeneity <fct> Bottom 3rd of ENEG, Bottom 3rd of ENEG, B...
## $ electoral_system     <fct> Single-Member District, Single-Member Dis...
```