

example.R

carlislerainey

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# R scrip to illustrate CA1

# load packages
library(tidyverse)

## -- Attaching packages ----- tidyverse
## v ggplot2 3.3.2      v purrr  0.3.4
## v tibble  3.0.3      v dplyr  1.0.2
## v tidyr   1.1.2      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.5.0

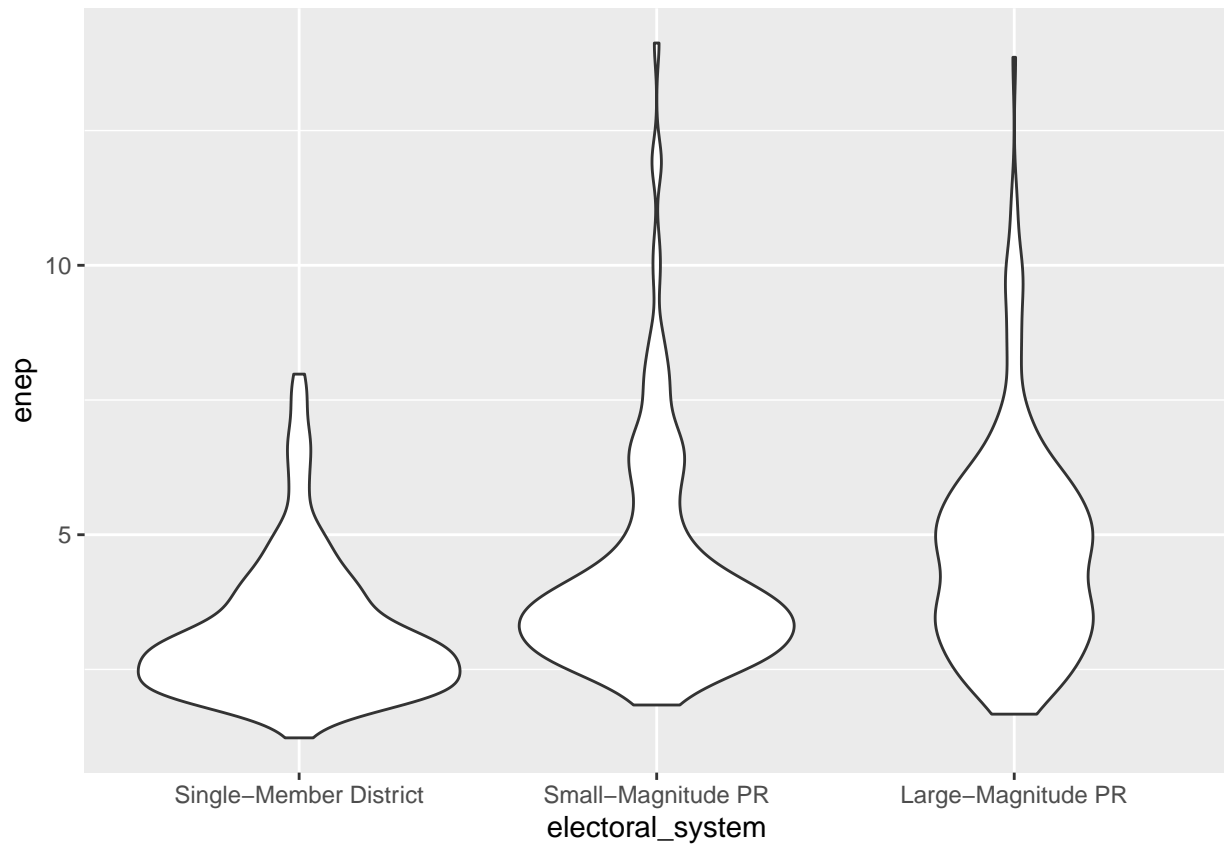
## -- Conflicts ----- tidyverse_conflicts()
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()

# load data
df <- read_rds("parties.rds")

# quick look
glimpse(df)

## Rows: 555
## Columns: 10
## $ country      <chr> "Albania", "Albania", "Albania", "Argentina", ...
## $ year         <dbl> 1992, 1996, 1997, 1946, 1951, 1954, 1958, 1960...
## $ average_magnitude <dbl> 1.00, 1.00, 1.00, 10.53, 10.53, 4.56, 8.13, 4....
## $ eneg         <dbl> 1.106929, 1.106929, 1.106929, 1.342102, 1.3421...
## $ enep         <dbl> 2.190, 2.785, 2.870, 5.750, 1.970, 1.930, 2.88...
## $ upper_tier    <dbl> 28.57, 17.86, 25.80, 0.00, 0.00, 0.00, 0.00, 0...
## $ en_pres       <dbl> 0.00, 0.00, 0.00, 2.09, 1.96, 1.96, 2.65, 2.65...
## $ proximity     <dbl> 0.00, 0.00, 0.00, 1.00, 1.00, 0.20, 1.00, 0.20...
## $ social_heterogeneity <fct> Bottom 3rd of ENEG, Bottom 3rd of ENEG, Bottom...
## $ electoral_system <fct> Single-Member District, Single-Member District...

# plot
ggplot(df, aes(x = electoral_system, y = enep)) +
  geom_violin()
```



```
# observation 1: Just write your observations at the bottom of the script like  
# this. If you want to "reflow" a script so that each line is the proper length  
# without having to many enter the line breaks, just highlight the comment, and  
# click *Code > Reflow Comment*. You'll get nice, equally-size lines, like  
# these.
```

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# observation 2: ...
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# observation 3: ...
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