example.R

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# R scrip to illustrate CA1  
  
# load packages  
library(tidyverse)

## ── Attaching packages ───────────────────────────────────────────────────────────────────────────── tidyverse 1.2.1 ──

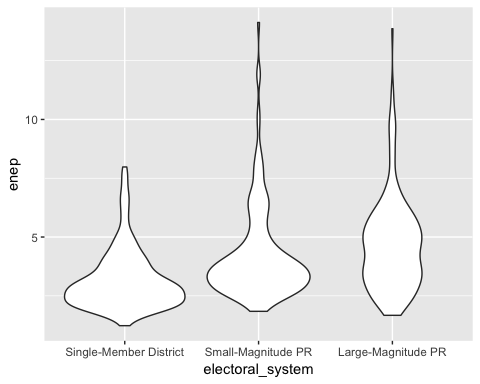
## ✔ ggplot2 3.0.0 ✔ purrr 0.2.5  
## ✔ tibble 1.4.2 ✔ dplyr 0.7.6  
## ✔ tidyr 0.8.1 ✔ stringr 1.3.1  
## ✔ readr 1.1.1 ✔ forcats 0.3.0

## ── Conflicts ──────────────────────────────────────────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()

# load data  
df <- read\_rds("parties.rds")  
  
# quick look  
glimpse(df)

## Observations: 555  
## Variables: 10  
## $ country <chr> "Albania", "Albania", "Albania", "Argenti...  
## $ year <dbl> 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> 1.106929, 1.106929, 1.106929, 1.342102, 1...  
## $ 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...

# 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 highlght the comment, and  
# click \*Code > Reflow Comment\*. You'll get nice, equally-size lines, like   
# these.  
  
# observation 2: ...  
  
# observation 3: ...