

# EPPS6356 Data Visualization

## Assignment 3

1. Rerun murrell01.R
  - a. Choose one of the six charts and explain how it is configured by adding documentation to the codes.
2. Rerun anscombe01.R (in Teams folder)
  - a. Compare the regression models
  - b. Compare different ways to create the plots (e.g. changing colors, line types, plot characters)
3. Can you finetune the charts without using other packages (consult RGraphics by Murrell)?
  - a. Use a serif font
  - b. Try non-default colors
  - c. Use own plotting character
4. How about with ggplot2? (use tidyverse package)
5. Pre-hackathon by team:
  - a. Team work: Replicate the Scatterplot matrix below (hint: Acquire data using the following codes)
  - b. Send the codes to the TA. The first team delivering the code and chart will win a prize (by time stamp and product)

```
## Download COVID data from OWID GitHub
owidall = read.csv("https://github.com/owid/covid-19-data/blob/master/public/data/owid-covid-data.csv?raw=true")
# Deselect cases/rows with OWID
owidall = owidall[!grepl("^OWID", owidall$iso_code), ]
# Subset by continent: Europe
owideu = subset(owidall, continent=="Europe")
```

