

# SPEC Lab R Resources: Data Visualization I- Homework

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Summer 2021

## Single-Variable Descriptive Figures

Complete the following assignment and then save your R script and each of your figures into your homework submission folder. The R script should be titled HW\_DV1\_[YOUR INTIALS]

Use *“ProductivePacifists\_Data.RData”*, which is located in the *“Training Data”* folder.

**Exercise 1:** Create a histogram of GDP Per Capita in the year 2000 (WorldBank\_gdppc\_2010\_con\_estimate)  
*a.* Make this figure in color. Make it pretty. Give it an informative title.

**Optional Bonus** Use facet wrapping to create a kernel density plot of the continuous measure of land-orientation for the year 1900, 1950, and 2000 (land\_oriented\_medium\_continuous). *a.* Make this figure in color. Make it pretty. Give it an informative title.