

Statistics 624: Statistical Computing

Homework # 2

Due: Tuesday, 11 Sep., 8am

In this assignment, please complete, organize, and turn in **electronically** to `stat624@stat.byu.edu`.

- Perform the following customizations to your workstation:
 1. Edit either your `.bashrc` or `.profile` to include \LaTeX in your `PATH`.
 2. Create at least one alias in either your `.bashrc` or `.profile`.
- The BYU Center for Remote Sensing in conjunction with NASA's Jet Propulsion Laboratory and the European Space Agency have developed scatterometer-based data time series to support climate studies of the Earth's cryosphere and biosphere. As a class, we will use the data they have collected to work on some visualizations. Use `ftp` to obtain the data on the Atlantic Hurricane Rita in 2006. The file of interest for now is:

`QS_S1B32622.20052671035.avewr_BYU_RITA_092305_WRave3.gz`

Once you have used `ftp` to obtain this file, you'll need to uncompress the file.

- Using the three plots from the last assignment, create a gzipped tarball. If you created the plots in one file last time, create three new plots for this assignment and use them to create a gzipped tarball of the three plots.
- Using the `man` pages, use the following commands and write a one sentence description of how they might be useful:
 1. `pwd`
 2. `gv`
 3. `gcc`