Install/Update R & RStudio

Before the first session, you will want to have the most recent versions of both R and Rstudio installed. Please follow the instructions below to ensure you have all you need. You should follow them for your operating system and in the order written.

Do you already have R and RStudio installed? IF YES, skip down to the "I have R installed"

"I do not have R installed"

1. Installing R
   a. Windows:
      - Go to **https://cloud.r-project.org/bin/windows/base/**
      - Click: "**Download R #.#.# for Windows**" (note: the #s will show whatever the most recent version of R is).
      - When the file finishes downloading, double-click to install. You should be able to click "Next" to all dialog boxes to finish installation.
   b. Mac OS:
      - Go to **https://cloud.r-project.org/bin/macosx/**
      - Click: "**R-#.#.#.pkg**" (note: the #s will show whatever the most recent version of R is).
      - When the file finishes downloading, double-click to install. You should be able to click "Next" to all dialog boxes to finish installation.

2. Installing RStudio
   - Go to **https://www.rstudio.com/products/rstudio/download/#download**.
   - Download RStudio Desktop (R should automatically recommend the one appropriate for your system; but if not, you can review the "All installers" list and choose the right one for your OS).
   - When the file finishes downloading, double-click to install. You should be able to click "Next" to all dialog boxes to finish installation.

"I have R installed"
The class will run more smoothly when everyone is using the same version of R and Rstudio. Please update R and RStudio.

1. Verify R version
   - Open RStudio. At the top of the Console (the lower lefthand box in RStudio) you will see session info. The first line tells you which version of R you are using. If RStudio is already open and you are deep in a session, type R.version.string to print out the R version.
     - Google: current version of R; if your version doesn't match, then follow the instructions below to update R.

2. Updating R
    - The easiest way to update R is to simply download and install the newest version of R from the web (see instructions under "installing R" above.

3. Updating RStudio
    - From within RStudio, go to Help > Check for Updates.
    - Install newer version of RStudio (if available).