

Downloading and Installing R/RStudio

Introduction

We will introduce R and RStudio, which will be used extensively in this class. You will need to install both of these programs by the end of the week.

R and RStudio software are available for free to Linux, Mac, and PC users. You will need to install R first, then RStudio afterwards. R is the programming language we will use, while RStudio is the user interface that will allow you to code in R.

Download and Install

Please go to the following link to get started: <https://posit.co/download/rstudio-desktop/>. You will then follow these instructions:

1. Install R first by clicking on 'Download and Install R', which can be found on the left side of the page.
2. You will be redirected to <https://cran.rstudio.com/>.
 - *Windows users:* Click on the link to 'Download R for Windows', choose 'install R for the first time', then choose 'Download R 4.5.1 for Windows'.
 - *Mac OS users:* Click 'Download R for (Mac) OS X'. Download the install package for version R-4.5.1. Read the information carefully to determine which of the two versions to download.
 - *Linux users:* Click on the link to 'Download R for Linux'. You will need to choose the version of Linux that corresponds to your installation. Versions are available for Debian, RedHat, SUSE, and Ubuntu.
3. Once the R file has been downloaded, please install R by opening the file. Follow all prompts as necessary, keeping things as defaulted as possible.
4. Go back to the Posit webpage and follow step 2 on the page by clicking 'Download RStudio Desktop for _____'. Once downloaded, install RStudio by opening the file. Follow all prompts as necessary.

If you have trouble installing and downloading R/RStudio, please ask your question in the Slack workspace or email/DM Jericho (jlawson01@smith.edu) with any troubles you are having.