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## How do I install R?

### Install R $\geq$ 3.5

#### Windows

<https://cran.r-project.org/bin/windows/base/>

#### Linux

See below links for wonderful tutorials.

<https://stackoverflow.com/questions/44567499/install-r-latest-verison-on-ubuntu-16-04>

<https://cran.r-project.org/bin/linux/ubuntu/>

<https://askubuntu.com/questions/1031597/r-3-5-0-for-ubuntu>

#### OSX

<https://cran.r-project.org/bin/macosx/>

### Install R Build Tools

#### Windows

<https://cran.r-project.org/bin/windows/Rtools/>

#### Linux

Those come installed with installing R  $\geq$  3.5.

#### OSX

I am unsure, cannot find literature on the subject, and am going to assume that R Build Tools come installed like they do on the Linux version.

### Install RStudio

<https://www.rstudio.com/>

## How do I run the R files in the /Research/ folder?

1. Open RStudio.
2. Go to File > New Project > Existing Directory and choose the root (/) directory of the git repository as the existing project directory.  
Click on Create Project.

3. Under **Files** on the right, click on the **Research** folder.

Then click on the R files you would like to run.

Then, when you've got the code pane (center) in front of you, press **CTRL-ENTER** to run a single line, and **CTRL-SHIFT-ENTER** to run all lines.

Required R packages should auto-install.

If any packages fail to install, you can install them from **Tools > Packages**.