**R Tutorial - #1 - Installing and orienting to R and RStudio**

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**Please view the video on the *Statistics for Doctors* YouTube channel for details:**

<https://www.youtube.com/watch?v=WtcHfj3eJrE&t=16s>

**How to install R:**

There are two ways to install R:

“Easy” Method:

1. Go to the website where you download RStudio: <https://rstudio.com/products/rstudio/download/#download>
2. Click on the hyperlink next to “Install R. RStudio requires …”.
3. You’ll then be brought to: <https://cran.rstudio.com/>
4. Click on the hyperlink “Download R…” appropriate to your operating system.
5. You’ll then be brought to a new webpage. Click on the hyperlink “base”, since this is what you’ll be needing for this tutorial series.
6. You’ll then be brought to a new webpage. Click on the hyperlink “Download R…” with the name of your operating system at the end.
7. Install R to your computer.

“Harder” Method:

1. Go to: <https://www.r-project.org/>
2. Click “CRAN” under “Download” in the menu on the left side of the webpage.
3. Click the hyperlink under “0-Cloud” (the first option) or go down to your country. If the latter, click any of the hyperlinks under your country. It doesn’t matter which one.
4. You’ll then be brought to a page that looks like Step #3 in the “Easy” Method.
5. Then you follow Steps 4 to 7 of the “Easy” Method to install R.

**How to install RStudio:**

After you’ve installed R, go to the RStudio website to download/install the file appropriate to your operating system:

<https://rstudio.com/products/rstudio/download/#download>

Once you have installed R and RStudio, open RStudio (no need to open R since RStudio is the interface for R) and watch the video on YouTube for an orientation to the layout and functions of RStudio.

**Link to Github to download the R code and data sets:**

<https://github.com/Statistics4Doctors>