## **Install R and RStudio on windows**

## Install R for windows

Download the latest version of R, for Windows from CRAN at following site, <u>https://cran.r-project.org/bin/windows/base/</u>

R-4.0.0 for Windows (32/64 bit)

```
Download R 4.0.0 for Windows (84 megabytes, 32/64 bit)
Installation and other instructions
New features in this version
```

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can compare the <u>md5sum</u> of the .exe to the <u>fingerprint</u> on the master server. You will need a version of md5sum for windows: both <u>graphical</u> and <u>command line versions</u> are available.

- Click download R4.0.0 for windows
- Double click on the file you just downloaded to install R
- Click ok Next Next Next (no need to change default installation)

## Install RStudio on Windows

Download RStudio at, <u>https://rstudio.com/products/rstudio/download/#download</u>

RStudio Desktop 1.2.5042 - Release Notes

- 1. Install R. RStudio requires R 3.0.1+.
- 2. Download RStudio Desktop. Recommended for your system:



Requires Windows 10/8/7 (64-bit)



- Click the Download RStudio for Windows
- Select the installation file on your system.
- Run the installation file.
- RStudio will be installed on your system. It normally pickups the latest installed R version automatically. You should be able to use R from within RStudio without extra configuration.

## Install the R Packages (Optional)

- Double click on RStudio.
- After clicking on the packages tab, click on install. The following dialog box will appear.

Install Packages		
Install from: Repository (CRAN)	<ul> <li>Configuring Repositories</li> </ul>	
Packages (separate multiple with space or comma):		
Install to Library:		
C:/Program Files/R/R-3.2.2/library [Default]		
✓ Install dependencies		
	Install Cancel	

• In the Install Packages dialog, type the package name you want to install under the Packages field and then click install. This will install the package that you have searched for or give you a list of matching packages based on your package text.

R RStudio	- 🗆 X
File Edit Code View Plots Session Build Debug Profile	Tools Help
오 🗸 🚳 🚰 🖌 🔒 🔒 📥 🚺 🧀 🖓 Go to file/function	Addins - Addins - Project: (None)
Console Terminal × Jobs ×	Environment History Connections
~/ 🔅	🖌 📑 🕞 🔛 Import Dataset 🔹 💰 📃 List 🔹 🕞 🗸
	▲ Global Environment - Q
R is a collaborative project with many co ntributors.	· · · · · · · · · · · · · · · · · · ·
Type 'contributors()' for more informatio n and	Files Plots Packages Help Viewer
'citation()' on how to cite R or R packag	🎱 💁 New Folder 🧕 Delete 📑 Rename 🛛 🌼 More 🗸
es in publications.	□ <b>1</b> Home
Type 'demo()' for some demos, 'help()' fo	Name Size
r on-line help, or	Custom Office Templates
ace to help.	Milestone
Type 'q()' to quit R.	My Received Files
>	NARGA STUDENTS Xmas.docx 27.3 KB
	I D B D WILL D L UDWOARD ADVID

- If Installing R and Rstudio for Ubuntu and Mac, please use the following links:
- Ubuntu https://www.r-bloggers.com/download-and-install-r-in-ubuntu/
- Mac <u>https://web.stanford.edu/~kjytay/courses/stats32-</u> aut2018/Session%201/Installation%20for%20Mac.html