**Stat 213: R Documentation**

R. Lock

**R Platforms**

**1. R (direct)**

* R should be available on public/lab computers at SLU. The current version is R 3.0.1. Look for it in the program menu.
* You should put the latest version of R on your own computer.
* Go to the Comprehensive R Archive network (CRAN) at <http://cran.r-project.org/>
* Choose your operating system to download R (“base” is fine for Windows, don’t worry about the source code versions).
* Windows- get a file called something like R-3.0.1-win.exe

Mac- get a file called something like R-3.0.1.pkg

* Once the file is downloaded, find and execute it to install R.
* You should find links to R FAQ’s with more installation help for both Windows and Mac at the download pages.

**2. R Studio (standalone)**

* You can put the standalone version of RStudio on your own computer.
* Go to the <http://www.rstudio.org/> and find the “Download” link. Choose the Desktop version (not the server version).
* Choose the version for your operating system, download and install the file.

(Note: You need to install R itself for the standalone version of RStudio to work.)

**3. R Studio (web version)**

* Get into a browser and go to <http://rstudio.stlawu.local:8787/>
* Sign in with your SLU network ID and password.

Note: You need to be on the SLU network or use VPN from off campus.

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*What’s the difference between the three environments?*

RStudio is an environment that has features to make R easier to use and organize.

The standalone version of RStudio interfaces with your usual file directories – but only for the computer on which it is installed.

The web version of RStudio runs on an SLU server so it requires no special installation and will look and work the same (including access to your files) from any browser on any computer (on the campus network or connected through VPN).

The web version of RStudio has its own file system for each user on the server which is separate from your usual files (C:, T:, P: drives). We’ll need to move files between them.