

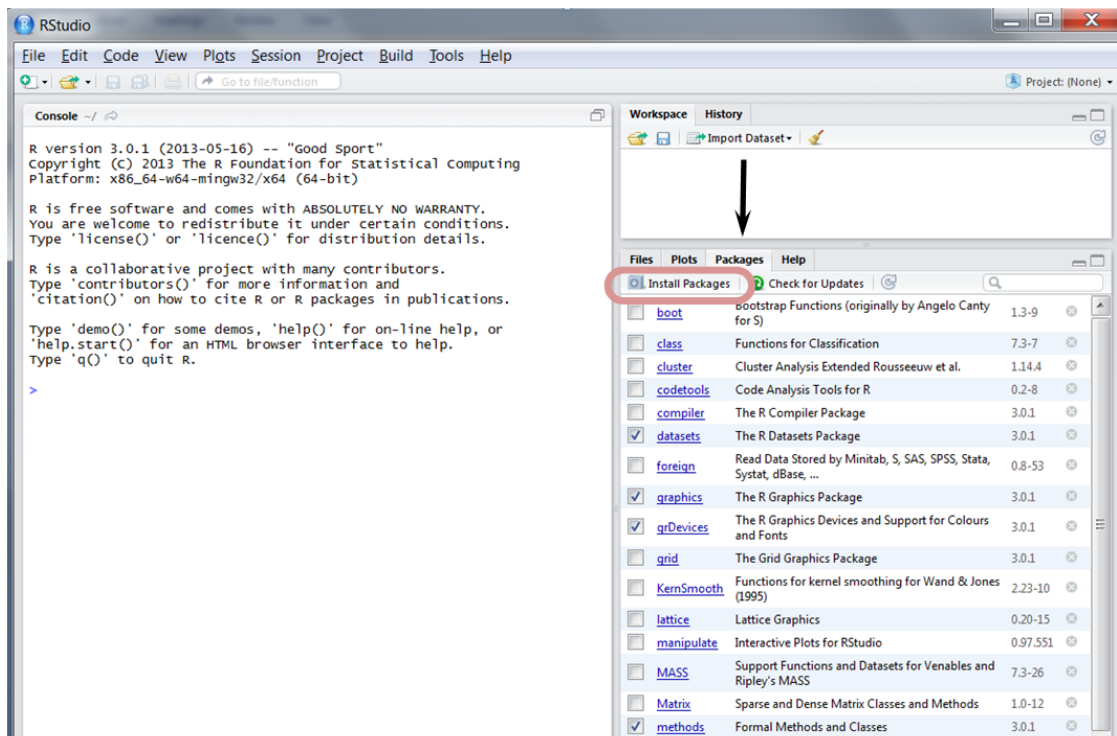
# Installing packages required by CAT

Once R and RStudio are installed, there are several packages you need to download. Packages are add-ons to R that do additional tasks.

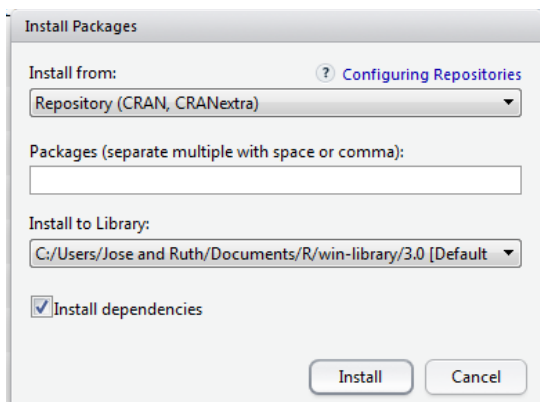
1. Open RStudio from the start menu icon. We will install required packages: (this is a short install). To begin with, check to be sure all of the following packages are installed. Note any that are not. Follow the steps below to install any missing packages:

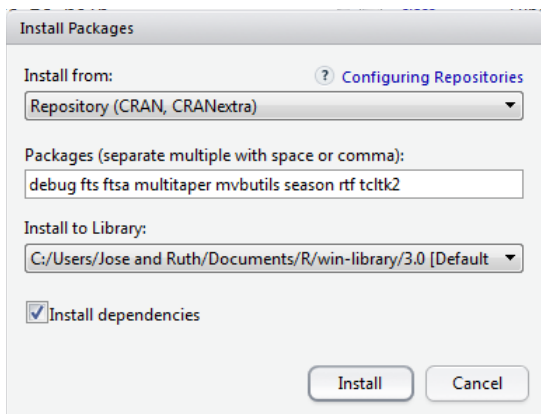
debug	Hmisc	CombMSC	assertive	assertr	rtf
signal	MASS	season	png	magic	stringr

**2. To check if a package is installed, (picture below)** click on the Packages tab in the lower right window (see arrow), and search for each package name listed above. If the package is found, it is already installed.



**3. For those packages not yet installed, click on Install Packages (circled above), and the window below will open. If it asks you which server to load from, pick one that is recommended, or near you.**





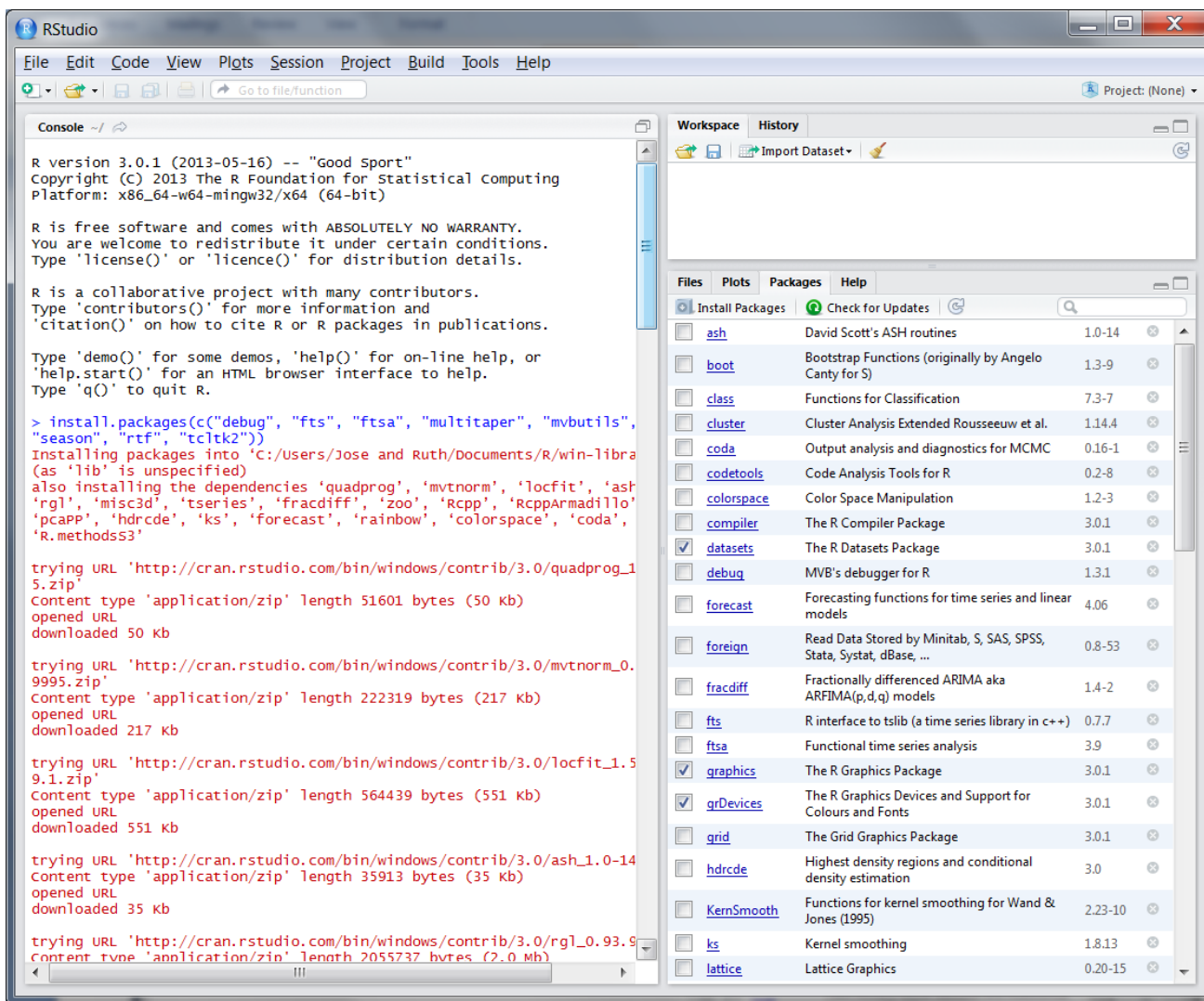
← Copy & paste a space delimited list of any missing packages here. For example:

debug fts ftsa multitaper tcltk2 season rtf  
signal seewave MASS png magic

4. After entering the names of the package(s) you want to install, you can normally accept all the defaults,

Click: Install

4a. Computer will install the latest version of these packages on your computer.



Installation shows in the left column.

You can now close RStudio.

Anytime you have a need for additional functionality you may want to install other packages in the same way.

**The next step is Installing CAT! ☺** Follow instructions in "Installing CAT from tar.pdf" you downloaded with this document – in the same folder this is in.

For further information, see web page: <http://564394709114639785.weebly.com/installing-cat.html>