

# **Install R and R Studio**

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# 1 R for Windows

There are two versions of the R executable in R-3.0.2/bin/i386 (32-bit) and R-3.0.2/bin/x64 (64-bit). By default only the first is installed on 32-bit versions of Windows, and both on 64-bit OSes. The distribution is distributed as an installer R-3.0.2-win.exe (latest version).

## 1.1 Installation of R on Windows

Download R setup file (provided with this CD) from <http://cran.r-project.org/>

1. Double click on the R-3.0.2-win.exe
2. Follow the prompts ; and on the select components prompt -if you are using a 64bit select all the components and continue with the default settings

Source: <http://cran.r-project.org/bin/windows/base/README.R-3.0.2>

## 1.2 Installation of R-Studio on Windows

Download R-studio setup file (provided with this CD) from <http://www.rstudio.com/ide/download/desktop>

1. Double click on the RStudio 0.98.490.exe
2. Follow the prompts ;keep the default settings during installation process

# 2 R for Mac-OS

Since R 3.0.0 the binary is a single-arch build and contains only the x86\_64 (64-bit Intel) architecture. PowerPC Macs and 32-bit Macs are only supported by building from sources or by older binary R versions. The default package type is "mac.binary" and the binary repository layout has changed accordingly. R 3.0.2 binary for Mac OS X 10.6 (Snow Leopard) and higher, signed package. Contains R 3.0.2 framework, R.app GUI 1.62 in 64-bit for Intel Macs.

## 2.1 Installation of R on Mac

Download R setup file (provided with this CD) from <http://cran.r-project.org/>

1. Double click on the R-latest.pkg
2. Follow the prompts ;keep the default settings during installation process

Source (<http://cran.r-project.org/bin/macosx/>)

## 2.2 Installation of R-Studio on Mac (64-bit)

Download R-studio setup file (provided with this CD) from <http://www.rstudio.com/ide/download/desktop>

1. Double click on the RStudio-0.98.490.dmg
2. Follow the prompts ; keep the default settings during installation process

## 3 R for Ubuntu

The current version of R available when a new version of Ubuntu is released is always available in the universe repository. To install R: `sudo apt-get install r-base r-base-dev`

### 3.1 Installation of R-Studio on Ubuntu

On the Terminal, use the "cd" command to move to the directory in which your downloads are saved (the path to this CD), and issue this command:

```
sudo gdebi rstudio-0.98.490-amd64.deb (on a 64 bit)
```

```
sudo gdebi rstudio-0.98.490-i386.deb (on a 32 bit)
```

useful presentation here: <http://www.ats.ucla.edu/stat/r/seminars/intro.htm>

## 4 A tip to Install Packages at once

On a new R file type the code below and include all the packages on the packages.txt file (each separated with a comma)

```
install.packages(c("foreign","epicalc","...", "..." , "..." , "..." , ))
```