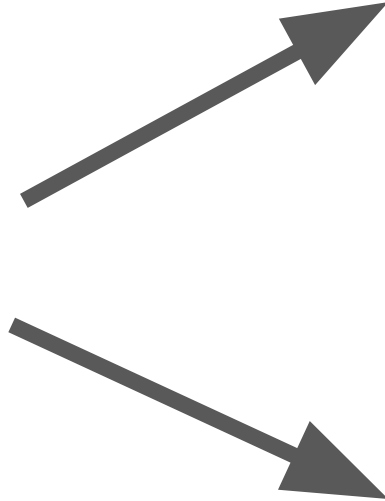


Installing R



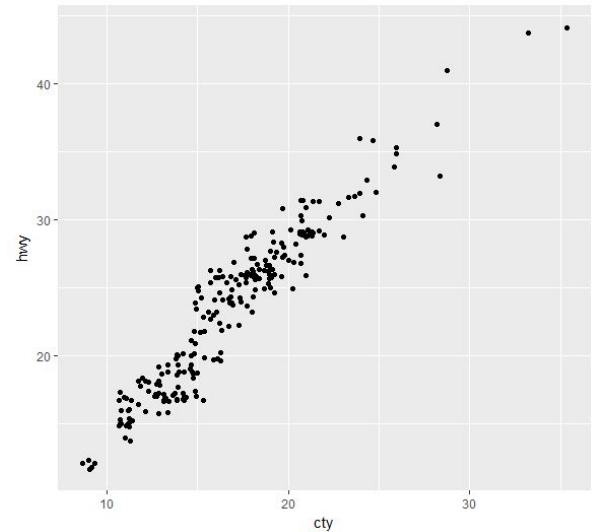
The Data Scientist's Toolbox

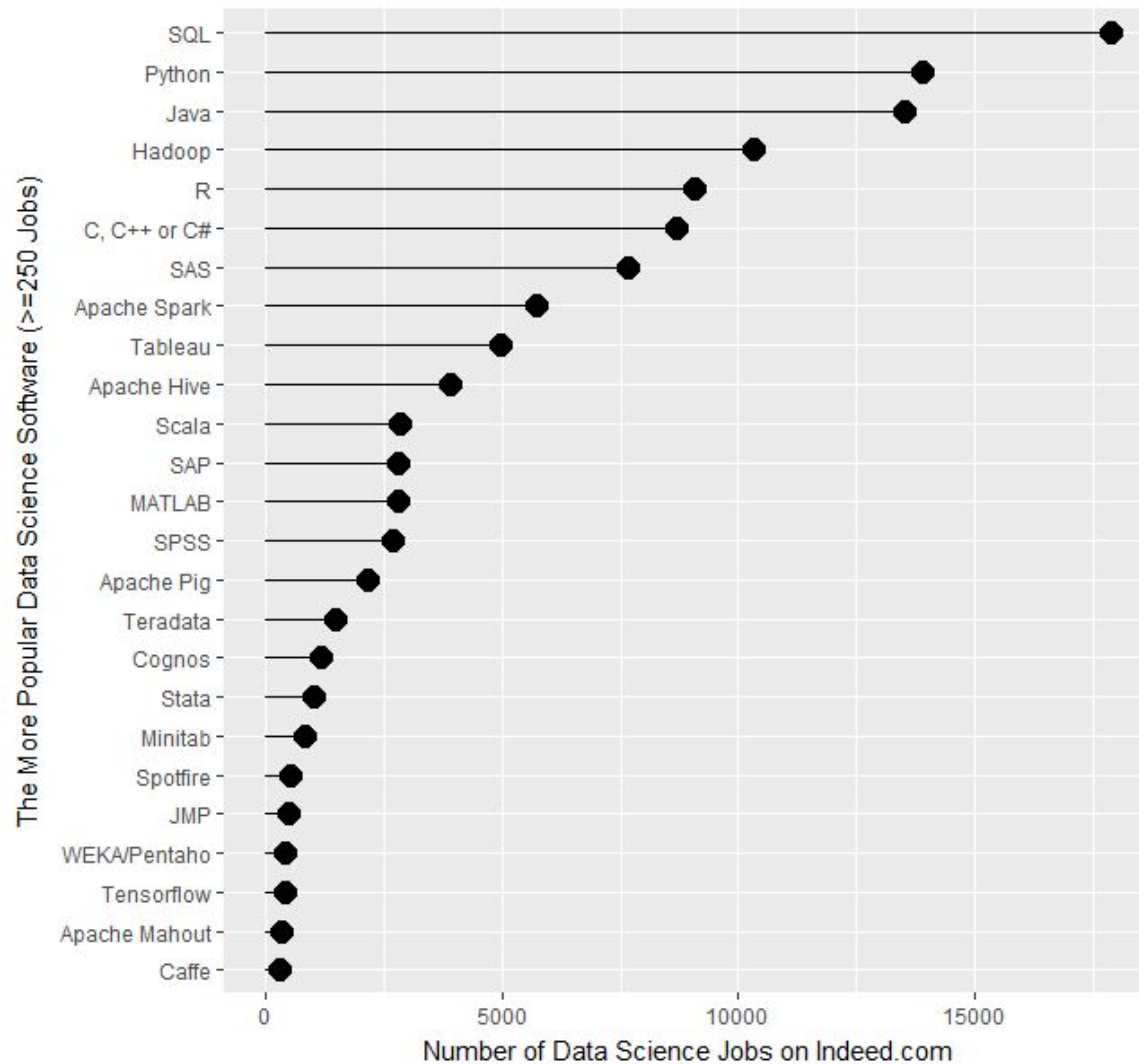


Statistics

```
> lm(trait ~ variable)
```

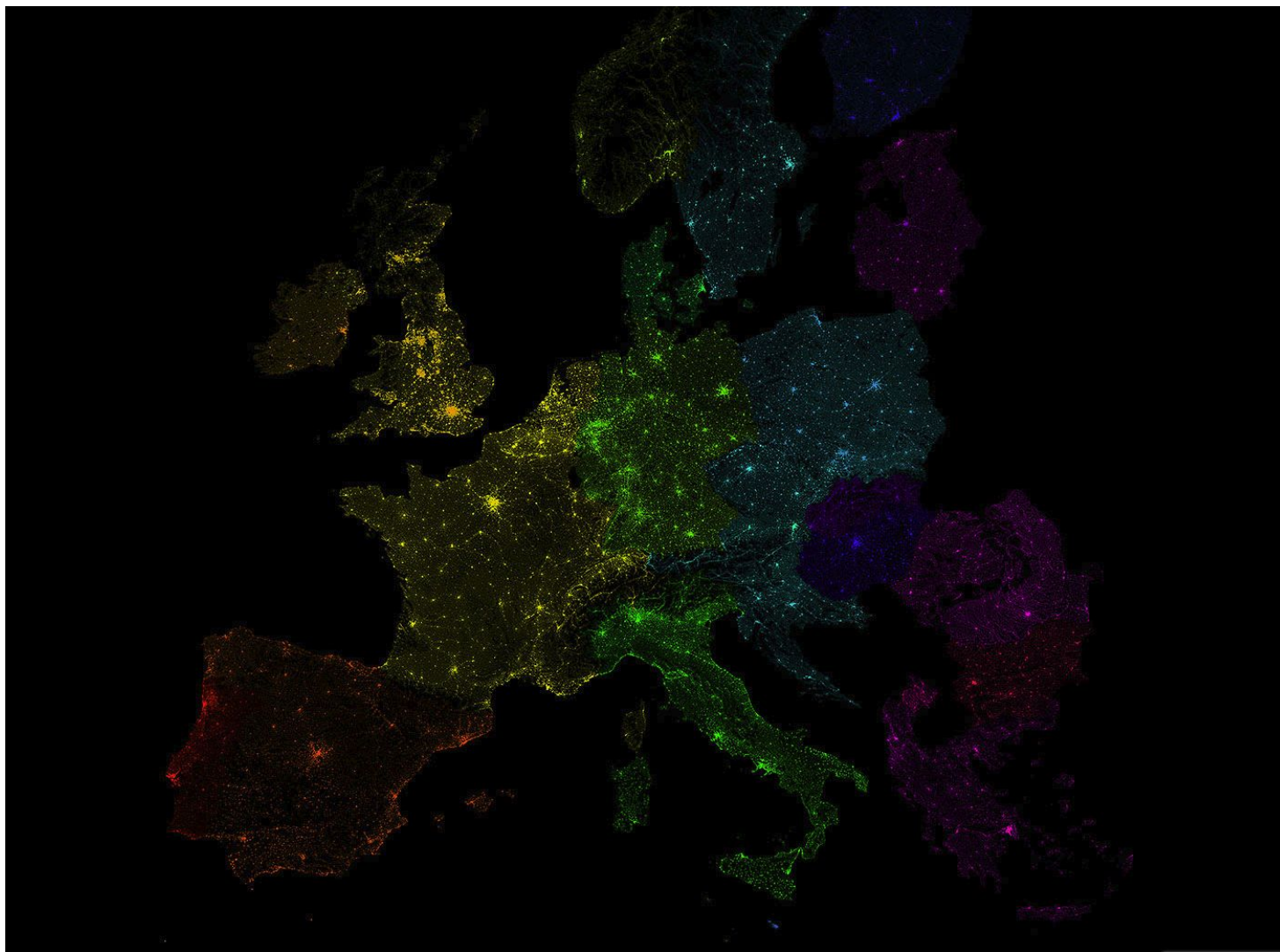
Graphing





\$







Cross Validated



stack overflow

https://cran.r-project.org/

The Comprehensive R Archive Network

Download and Install R

Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** users most likely want one of these versions of R:

- [Download R for Linux](#)
- [Download R for \(Mac\) OS X](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux package management system in addition to the link above.



R for Windows

Subdirectories:

[base](#)

Binaries for base distribution. This is what you want to [install R for the first time](#).

[contrib](#)

Binaries of contributed CRAN packages (for R \geq 2.13.x; managed by Uwe Ligges). There is also information on [third party software](#) available for CRAN Windows services and corresponding environment and make variables.

[old contrib](#)

Binaries of contributed CRAN packages for outdated versions of R (for R $<$ 2.13.x; managed by Uwe Ligges).

[Rtools](#)

Tools to build R and R packages. This is what you want to build your own packages on Windows, or to build R itself.

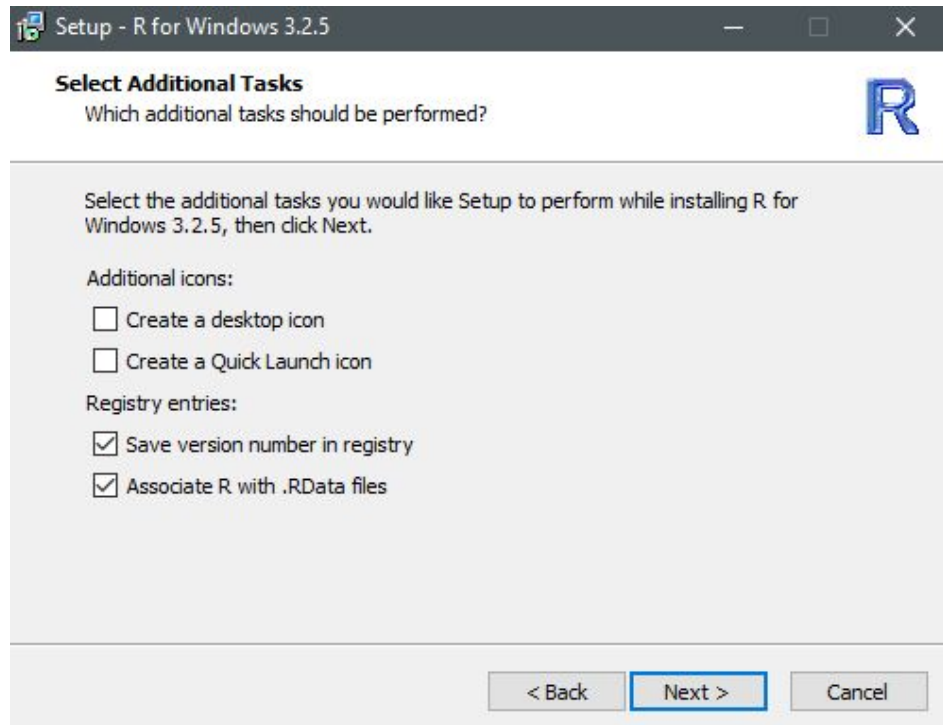
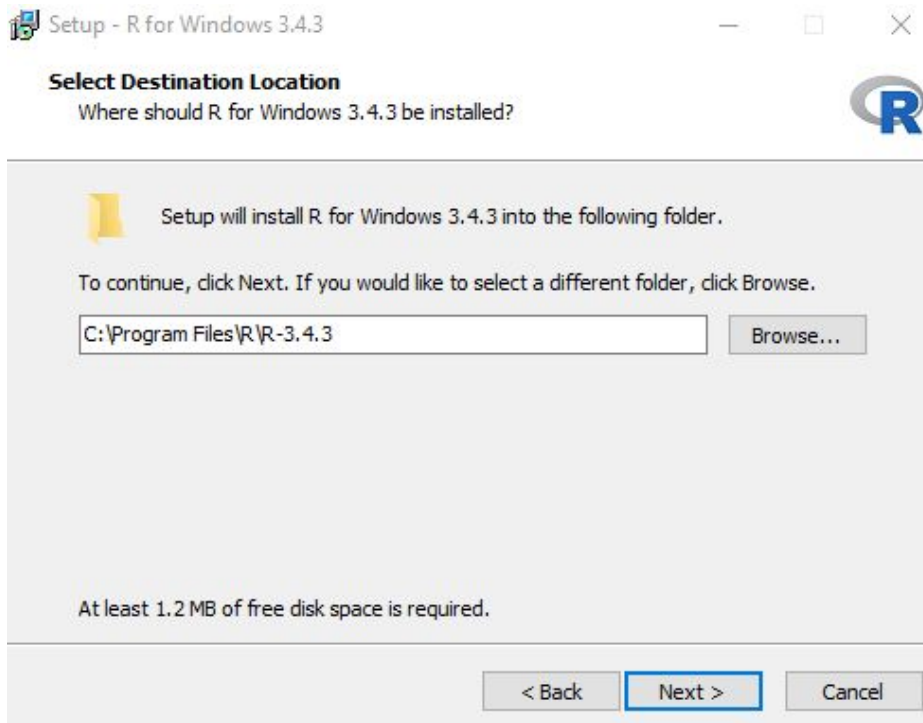
R-3.4.3 for Windows (32/64 bit)

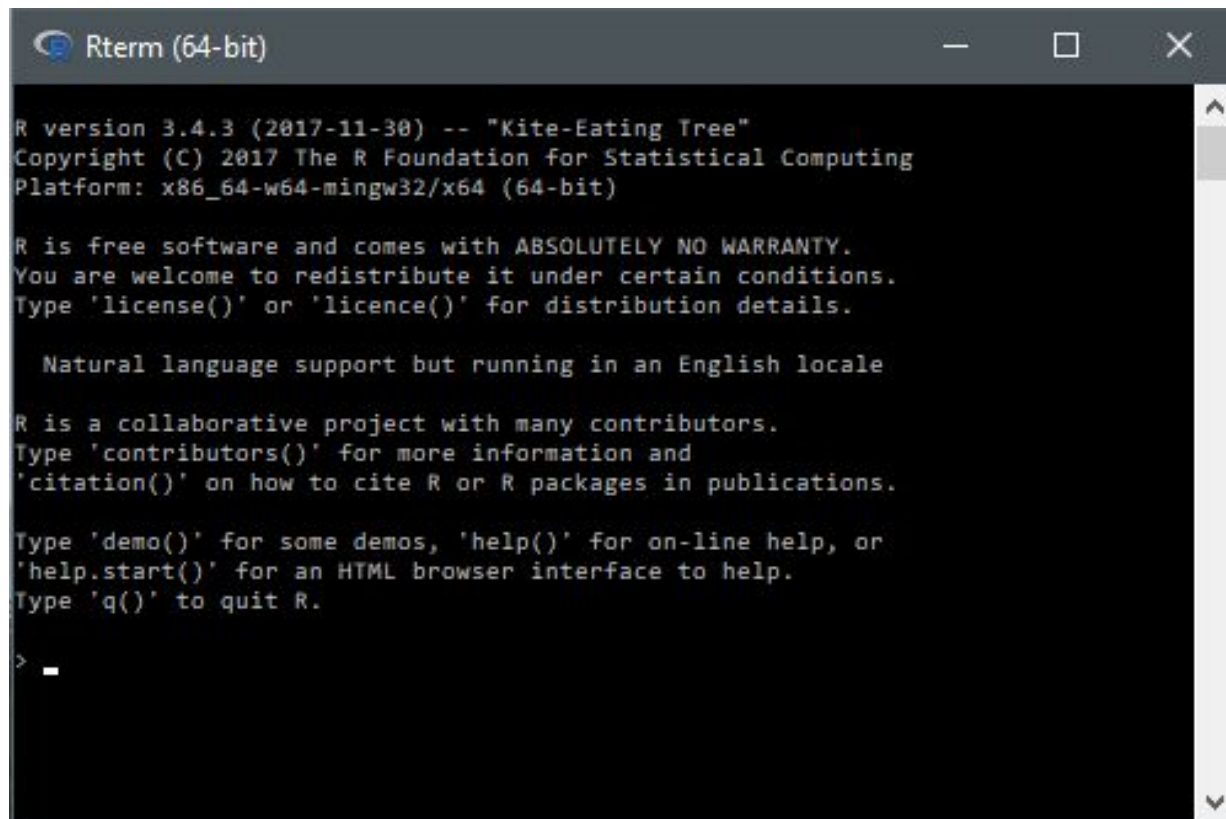
[Download R 3.4.3 for Windows](#) (62 megabytes, 32/64 bit)

[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 [md5sum](#) of the .exe to the [fingerprint](#) on the master server. You will need a version of md5sum for windows: both [graphical](#) and [command line versions](#) are available.



A screenshot of an R terminal window titled "Rterm (64-bit)". The window has a dark gray title bar with standard Windows window controls (minimize, maximize, close) on the right. The main content area is black with white text. The text displays the R version (3.4.3), copyright information (© 2017 The R Foundation), platform (x86_64-w64-mingw32/x64), and a welcome message. It also includes instructions on how to use various R functions like 'license()', 'contributors()', 'citation()', 'demo()', 'help()', and 'q()'. The prompt ">" is visible at the bottom left of the text area.

```
R version 3.4.3 (2017-11-30) -- "Kite-Eating Tree"
Copyright (C) 2017 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

  Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> _
```

https://cran.r-project.org/

The Comprehensive R Archive Network

Download and Install R

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- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux package management system in addition to the link above.



R for Mac OS X

This directory contains binaries for a base distribution and packages to run on Mac OS X (release 10.6 and above). Mac OS 8.6 to 9.2 (and Mac OS X 10.1) are no longer supported but you can find the last supported release of R for these systems (which is R 1.7.1) [here](#). Releases for old Mac OS X systems (through Mac OS X 10.5) and PowerPC Macs can be found in the [old](#) directory.

Note: CRAN does not have Mac OS X systems and cannot check these binaries for viruses. Although we take precautions when assembling binaries, please use the normal precautions with downloaded executables.

As of 2016/03/01 package binaries for R versions older than 2.12.0 are only available from the [CRAN archive](#) so users of such versions should adjust the CRAN mirror setting accordingly.

R 3.4.3 "Kite-Eating Tree" released on 2017/11/30

Important: since R 3.4.0 release we are now providing binaries for OS X 10.11 (El Capitan) and higher using non-Apple toolkit to provide support for OpenMP and C++17 standard features. Please read the corresponding note below.

Please check the MD5 checksum of the downloaded image to ensure that it has not been tampered with or corrupted during the mirroring process. For example type

```
md5 R-3.4.3.pkg
```

in the *Terminal* application to print the MD5 checksum for the R-3.4.3.pkg image. On Mac OS X 10.7 and later you can also validate the signature using

```
pkgutil --check-signature R-3.4.3.pkg
```

Files:

[R-3.4.3.pkg](#)

MD5 hash: d51d086013cbe0d782eede113897393a

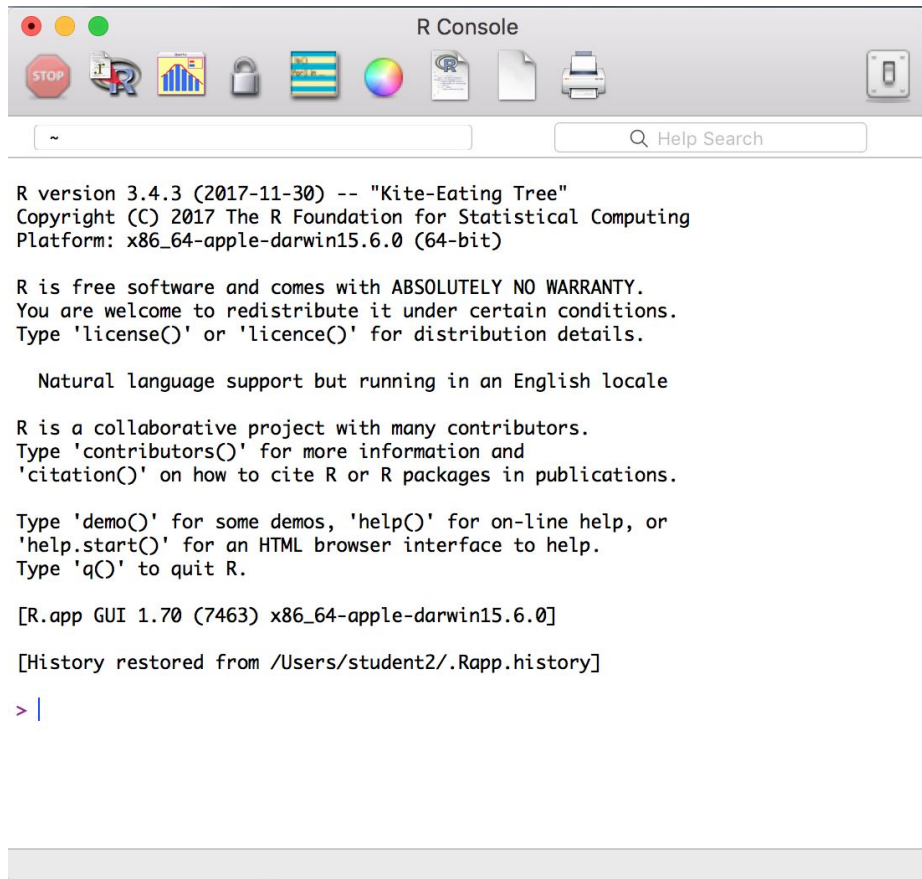
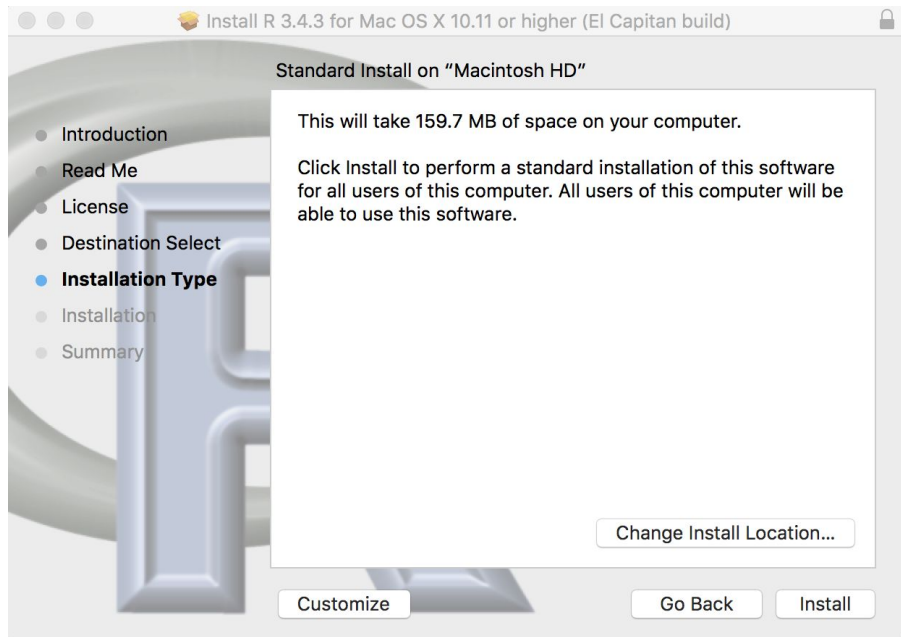
SHA-

hash: d2694cd4b8d5539deab0e68a73bd79eb715fe62f

(ca. 74MB)

R 3.4.3 binary for OS X 10.11 (El Capitan) and higher, signed package. Contains R 3.4.3 framework, R.app GUI 1.70 in 64-bit for Intel Macs, Tcl/Tk 8.6.6 X11 libraries and Texinfo 5.2. The latter two components are optional and can be omitted when choosing "custom install", they are only needed if you want to use the `tcltk` R package or build package documentation from sources.





Summarizing: Installing R



The Data Scientist's Toolbox