Getting started

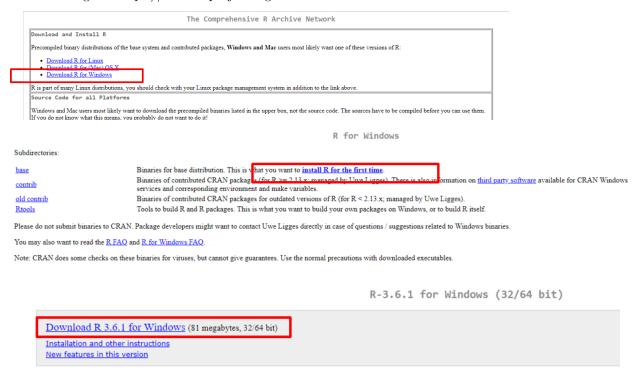
Emilie Millet, Bart-Jan van Rossum 2019-12-13

1 Getting started

This document describes how to install R and RStudio and the statgen packages. The screenshots shown will be for an installation on Windows. Installation on other operation systems is very similar.

1.1 Installation of R

To install R go to https://cloud.r-project.org and click the links indicated in the screenshots.



This will download the installer for the latest version of R (at the time of writing R 3.6.1). After downloading run the installer and follow the steps to install R. All installation settings can be left at their default values.

1.2 Installation of RStudio

RStudio is an interface to simplify the use of R. Before installing RStudio make sure R is installed as described above. To install RStudio go to https://www.rstudio.com/products/rstudio/download/ and click the links indicated below.



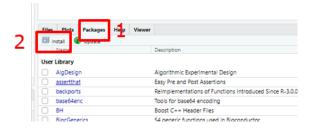
Installers for Supported Platforms

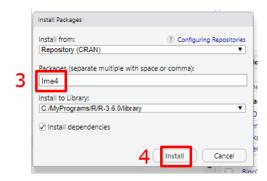
Installers	Size	Date	MD5
RStudio 1.2.5001 - Ubuntu 18/Debian 10 (64-bit)	105.43 MB	2019-09-19	f108e4d5c1b6c19690378b3ca0990249
RStudio 1.2.5001 - Debian 9 (64-bit)	105.70 MB	2019-09-19	23dca12a5e0a0849522f05b4a8600ce8
RStudio 1.2.5001 - Fedora 28/Red Hat 8 (64-bit)	120.90 MB	2019-09-19	45eab0baf8d0504d183f09c8d40ae704
RStudio 1.2.5001 - macOS 10.12+ (64-bit)	126.86 MB	2019-09-19	a4d8ee737818158b272450eaad4bdc4f
RStudio 1.2.5001 - SLES/OpenSUSE 12 (64-bit)	99.04 MB	2019-09-19	ca94a9bb7e7f5474eedd233ddeef14d6
RStudio 1.2.5001 - OpenSUSE 15 (64-bit)	107.12 MB	2019-09-19	2a40768fdc5c5f97cd1d40628bf8aaad
RStudio 1.2.5001 - Fedora 19/Red Hat 7 (64-bit)	120.27 MB	2019-09-19	14bc52d6f78bc4ee22abff2298be919f
RStudio 1.2.5001 - Ubuntu 14/Debian 8 (64-bit)	96.93 MB	2019-09-19	c19b0ece90130bed7248c1bf6001c647
RStudio 1.2.5001 - Windows 10/8/7 (64-bit)	149.83 MB	2019-09-19	c54d8779f363ec9636c7831e577521bd
RStudio 1.2.5001 - Ubuntu 16 (64-bit)	104.88 MB	2019-09-19	4ff58a08c305207729feb65eb145a5a2

This will download the installer for the latest version of RStudio (at the time of writing 1.2.50001). After downloading the installer, run it to install RStudio. All installation settings can be left at their default values.

1.3 Installation of packages

A lot of R packages are available on CRAN (https://cran.r-project.org/). Installation of those packages can be done as follows from within RStudio.





This example will install the lme4 package from CRAN. Multiple packages can be installed at once by supplying them as a comma separated list at the third step.

Some of the statgen packages are not yet available on CRAN, but are distributed as a zip file. To install those packages, follow the steps below. At the second step after clicking browse, select the zip file containing the package.

