
sdcMicro GUI manual Documentation

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May 30, 2018

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INTRODUCTION

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INSTALLATION

2.1 R and RStudio

Note: set install dependencies to TRUE

Install R from the [CRAN website](#) .

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 is a free open source package available Linux, Windows and Mac OS X. Please install the latest version of R. If an earlier R version is installed, please remove this version and reinstall the latest version.

Install RStudio from the website: <https://www.rstudio.com/products/rstudio/download/>

RStudio is a Graphical User Interface for R.

Scroll down and select the file corresponding to your OS:

2.2 The sdcMicro Package

```
install.packages()  
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```

Install the latest version of the sdcMicro add-on package (internet connection is required).

To do so open the application R and type the commands `install.packages("sdcMicro")`. A prompt will ask you to select a CRAN mirror (server) to install the package from. Note: also dependencies will be installed and the installation may take some time. Dependencies are other add-on packages, of which the functionality is required to run the sdcMicro package.

You can now load the sdcMicro package by typing `library(sdcMicro)` and launch the application by typing `sdcApp()`.

The application opens in your default web browser through the local host IP 127.0.0.1:

NOTE: An internet connection is not required while using sdcMicro and sdcApp and the data stored locally on your computer or server. The web browser uses a local host IP, which is not connected to the internet and the browser is only used to communicate with the running R session.

2.3 Launching sdcApp

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HELP AND SETTINGS

After launching sdcApp, the application opens on the **About/Help** tab (see).

LOADING AND PREPARING DATA

4.1 Testdata

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SETUP ANONYMIZATION PROBLEM

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RISK MEASUREMENT

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ANONYMIZATION METHODS

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CHAPTER
EIGHT

UTILITY

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EXPORT DATA, REPORTS

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REPRODUCIBILITY

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