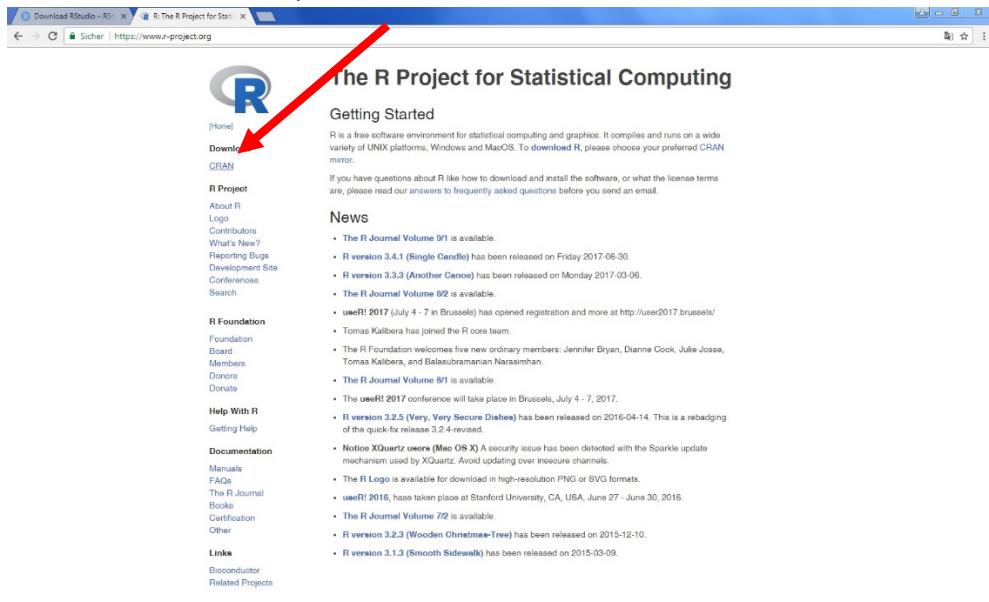


# Installation von R und RStudio

1. Rufen Sie die Homepage [www.r-project.org](http://www.r-project.org) auf.

2. Wählen Sie den Menüpunkt „Cran“.



The R Project for Statistical Computing

**Getting Started**

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and Macos. To download R, please choose your preferred CRAN mirror.

If you have questions about R like how to download and install the software, or what the license terms are, please read our answers to frequently asked questions before you send an email.

**News**

- The R Journal Volume 9/1 is available.
- R version 3.4.1 (Single CANDLE) has been released on Friday 2017-06-30.
- R version 3.3.3 (Another CANOE) has been released on Monday 2017-03-06.
- The R Journal Volume 8/2 is available.
- useR! 2017 (July 4 - 7 in Brussels) has opened registration and more at <http://useR2017.brussels/>
- Tomas Kalibera has joined the R core team.
- The R Foundation welcomes five new ordinary members: Jennifer Bryan, Dianne Cook, Julie Josse, Tomas Kalibera, and Balasubramanian Narasimhan.
- The R Journal Volume 8/1 is available.
- The useR! 2017 conference will take place in Brussels, July 4 - 7, 2017.
- R version 3.2.5 (Very, Very Secure DIaBE) has been released on 2016-04-14. This is a rebadging of the quick-hx release 3.2.4-revised.
- Notice XQuartz users (Mac OS X) A security issue has been detected with the Sparkle update mechanism used by XQuartz. Avoid updating over insecure channels.
- The R Logo is available for download in high-resolution PNG or SVG formats.
- useR! 2016, has taken place at Stanford University, CA, USA, June 27 - June 30, 2016.
- The R Journal Volume 7/2 is available.
- R version 3.2.3 (Wooden Christmas-Tree) has been released on 2015-12-10.
- R version 3.1.3 (Smooth Sidewalk) has been released on 2015-03-09.

**Links**

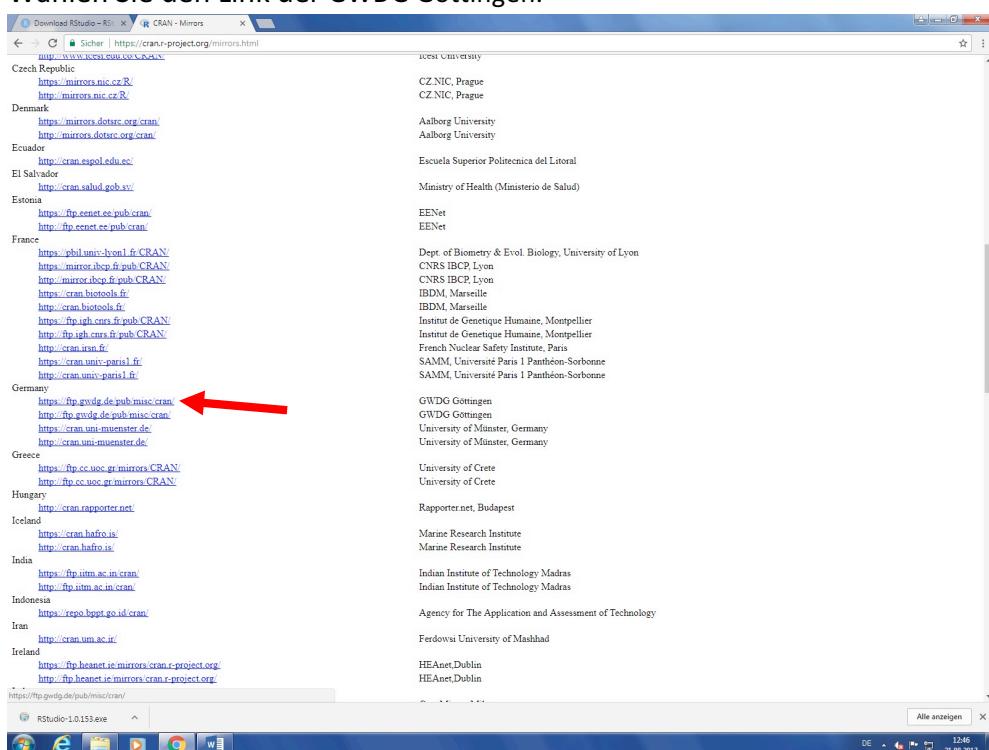
Bioconductor  
Related Projects

© The R Foundation. For queries about this web site, please contact the webmaster; for queries about R itself, please consult the Getting Help section.

cran-project.org/mirrors.html

RStudio-1.0.153.exe

3. Wählen Sie den Link der GWDG Göttingen.



CRAN Mirrors

http://www.icsen.eu/cran/cran/ iicsen University

Czech Republic

http://mirrors.mrc.cz/R/ CZ NIC, Prague

Denmark

http://mirrors.dtu.dk/cran/ Aalborg University

Ecuador

http://cran.espol.edu.ec/ Escuela Superior Politecnica del Litoral

El Salvador

http://cran.salud.gob.sv/ Ministry of Health (Ministerio de Salud)

Estonia

http://ftp.eenet.ee/pub/cran/ EENet

France

http://pbil.univ-lyon1.fr/CRAN/ http://mirror.ibcp.fr/pub/CRAN/ http://mirror.ibcp.fr/pub/CRAN/ http://cran.biostats.fr/ http://cran.biostats.fr/ http://fp.igh.cnrs.fr/pub/CRAN/ http://fp.igh.cnrs.fr/pub/CRAN/ http://cran.igh.fr/ http://cran.igh.fr/ http://cran.univ-paris1.fr/ http://cran.univ-paris1.fr/ Germany

http://fp.gwdg.de/pub/misc/cran/ GWDG Göttingen

http://fp.gwdg.de/pub/misc/cran/ GWDG Göttingen

http://cran.uni-muenster.de/ University of Münster, Germany

http://cran.uni-muenster.de/ University of Münster, Germany

Greece

http://fp.uoc.gr/mirrors/CRAN/ University of Crete

Hungary

http://cran.rattle.net/ University of Crete

Iceland

http://cran.hafrid.is/ Marine Research Institute

http://cran.hafrid.is/ Marine Research Institute

India

http://fp.iitm.ac.in/cran/ Indian Institute of Technology Madras

http://fp.iitm.ac.in/cran/ Indian Institute of Technology Madras

Indonesia

http://repo.lppn.go.id/cran/ Agency for The Application and Assessment of Technology

Iran

http://cran.um.ac.ir/ Ferdowsi University of Mashhad

Ireland

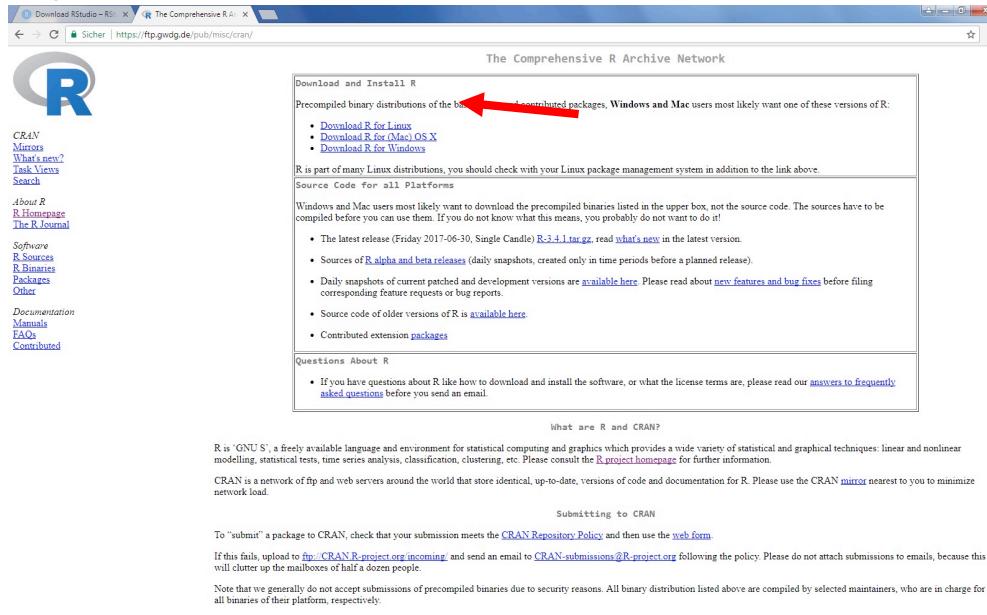
http://fp.henau.ie/mirrors/cran.r-project.org/ HEAnet,Dublin

http://fp.henau.ie/mirrors/cran.r-project.org/ HEAnet,Dublin

http://fp.gwdg.de/pub/misc/cran/ GWDG Göttingen

RStudio-1.0.153.exe

4. Wählen Sie die, für Ihr Betriebssystem, passende Version und klicken sie auf die Verlinkung „install R for the first time“. Durch die Betätigung des Links wird der Download der Datei ausgeführt.



The Comprehensive R Archive Network

Download and Install R

Precompiled binary distributions of the base 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.

Source Code for all Platforms

Windows and Mac users most likely want to download the precompiled binaries listed in the upper box, not the source code. The sources have to be compiled before you can use them. If you do not know what this means, you probably do not want to do it!

- The latest release (Friday 2017-06-30, Single Candle) R-3.4.1.tar.gz, read [what's new](#) in the latest version.
- Sources of [R alpha and beta releases](#) (daily snapshots, created only in time periods before a planned release).
- Daily snapshots of current patched and development versions are [available here](#). Please read about [new features and bug fixes](#) before filing corresponding feature requests or bug reports.
- Source code of older versions of R is [available here](#).
- Contributed extension [packages](#)

Questions About R

- If you have questions about R like how to download and install the software, or what the license terms are, please read our [answers to frequently asked questions](#) before you send an email.

What are R and CRAN?

R is 'GNU S', a freely available language and environment for statistical computing and graphics which provides a wide variety of statistical and graphical techniques: linear and nonlinear modelling, statistical tests, time series analysis, classification, clustering, etc. Please consult the [R project homepage](#) for further information.

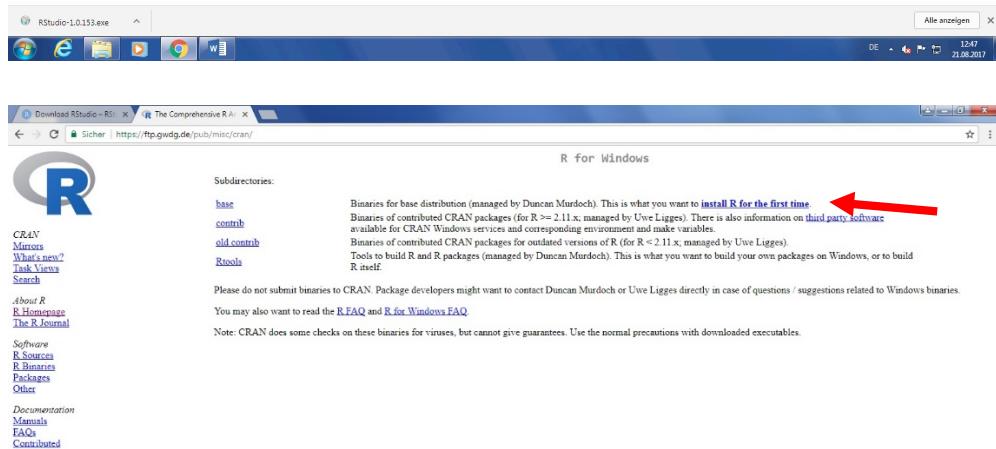
CRAN is a network of ftp and web servers around the world that store identical, up-to-date, versions of code and documentation for R. Please use the CRAN [mirror](#) nearest to you to minimize network load.

Submitting to CRAN

To "submit" a package to CRAN, check that your submission meets the [CRAN Repository Policy](#) and then use the [web form](#).

If this fails, upload to [ftp://CRAN.R-project.org/incoming](#) and send an email to [CRAN-submissions@R-project.org](mailto:CRAN-submissions@R-project.org) following the policy. Please do not attach submissions to emails, because this will clutter up the mailboxes of half a dozen people.

Note that we generally do not accept submissions of precompiled binaries due to security reasons. All binary distribution listed above are compiled by selected maintainers, who are in charge for all binaries of their platform, respectively.



R for Windows

Subdirectories:

- base
- contrib
- old\_contrib
- Tools

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

Binaries of contributed CRAN packages (for R >= 2.11.x, managed by Uwe Ligges). There is also information on [third party software](#)

Binaries of contributed CRAN packages for outdated versions of R (for R < 2.11.x, managed by Uwe Ligges).

Tools to build R and R packages (managed by Duncan Murdoch). This is what you want to build your own packages on Windows, or to build R itself.

Please do not submit binaries to CRAN. Package developers might want to contact Duncan Murdoch or Uwe Ligges directly in case of questions / suggestions related to Windows binaries.

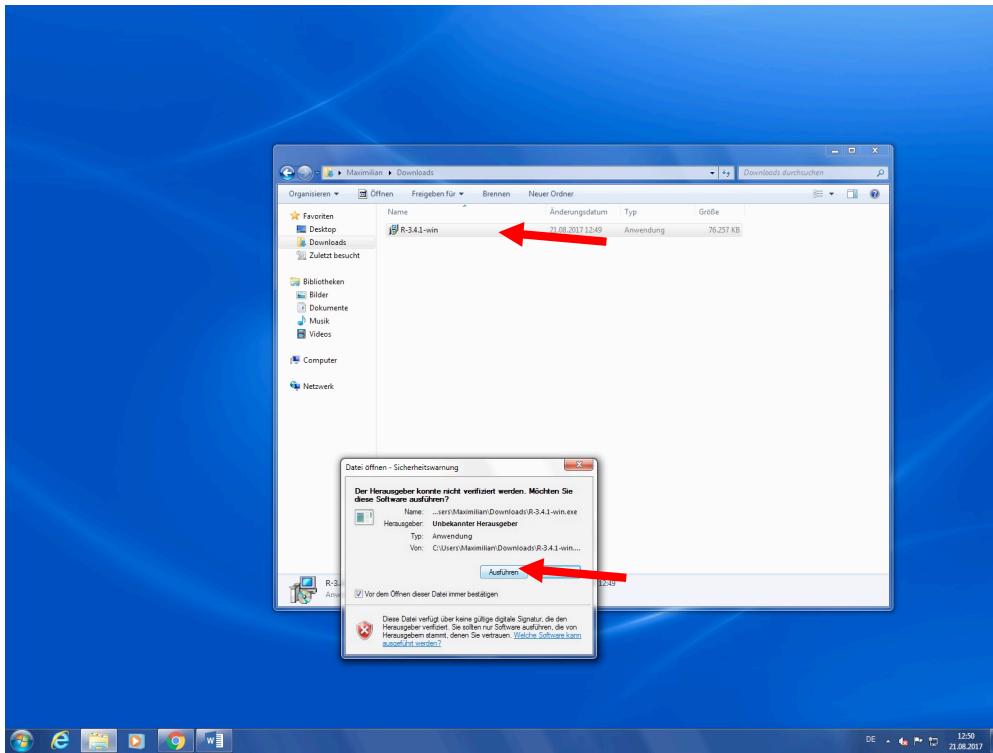
You may also want to read the [RFAQ](#) and [R for Windows FAQ](#).

Note: CRAN does some checks on these binaries for viruses, but cannot give guarantees. Use the normal precautions with downloaded executables.

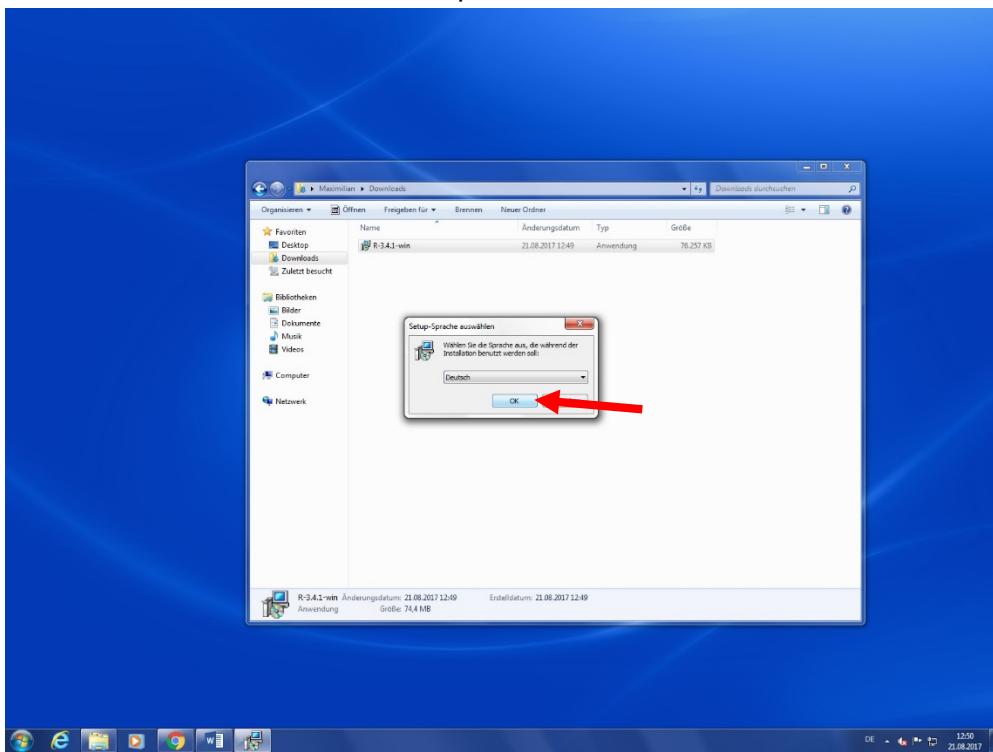


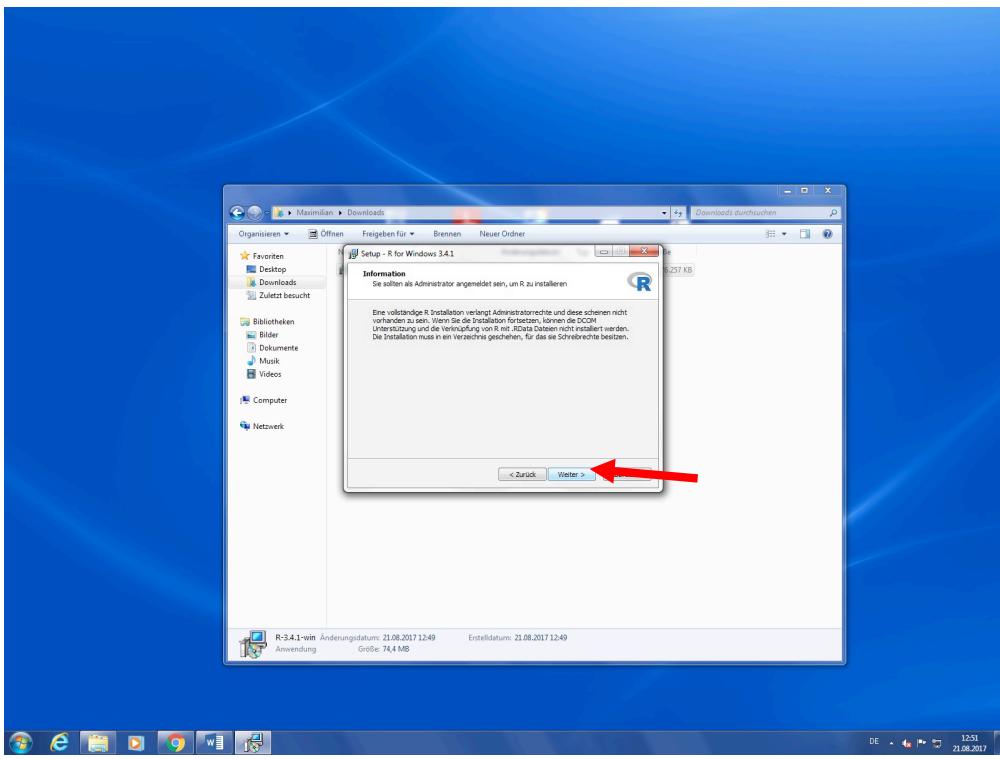
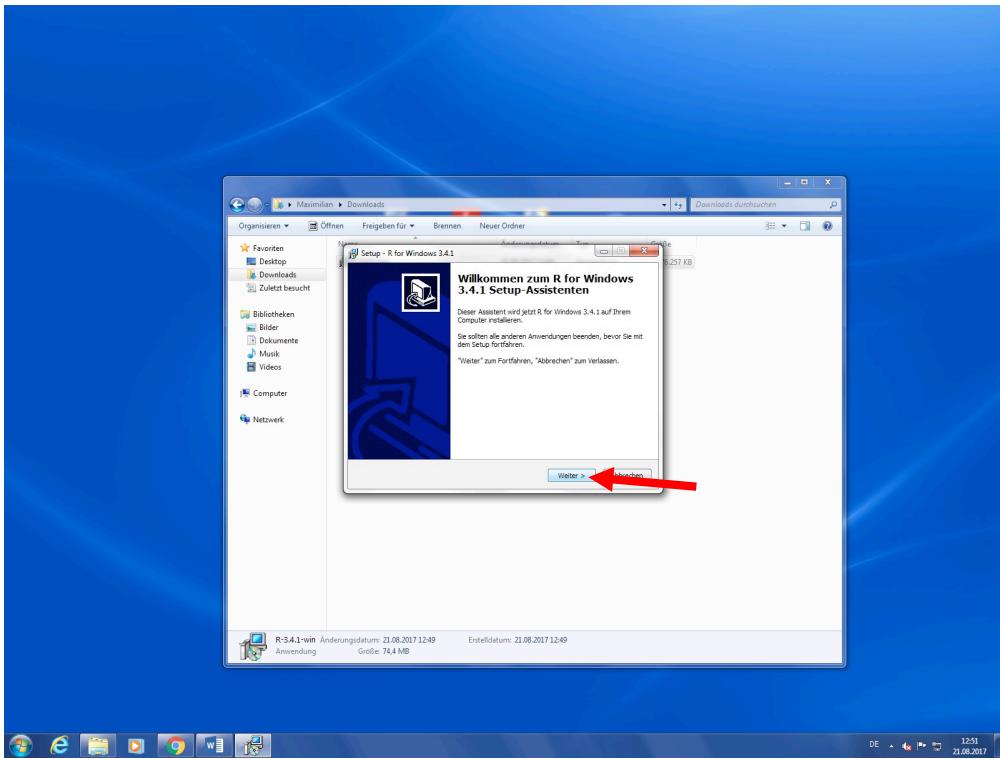
https://ftp.gwdg.de/pub/misc/cran/bin/windows/base/

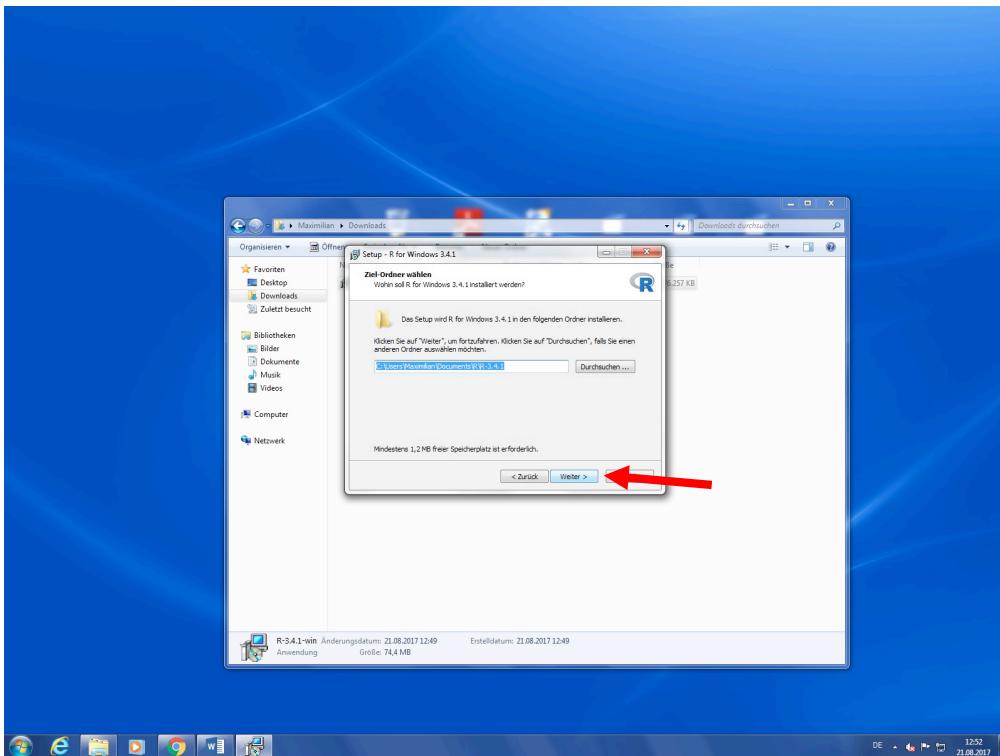
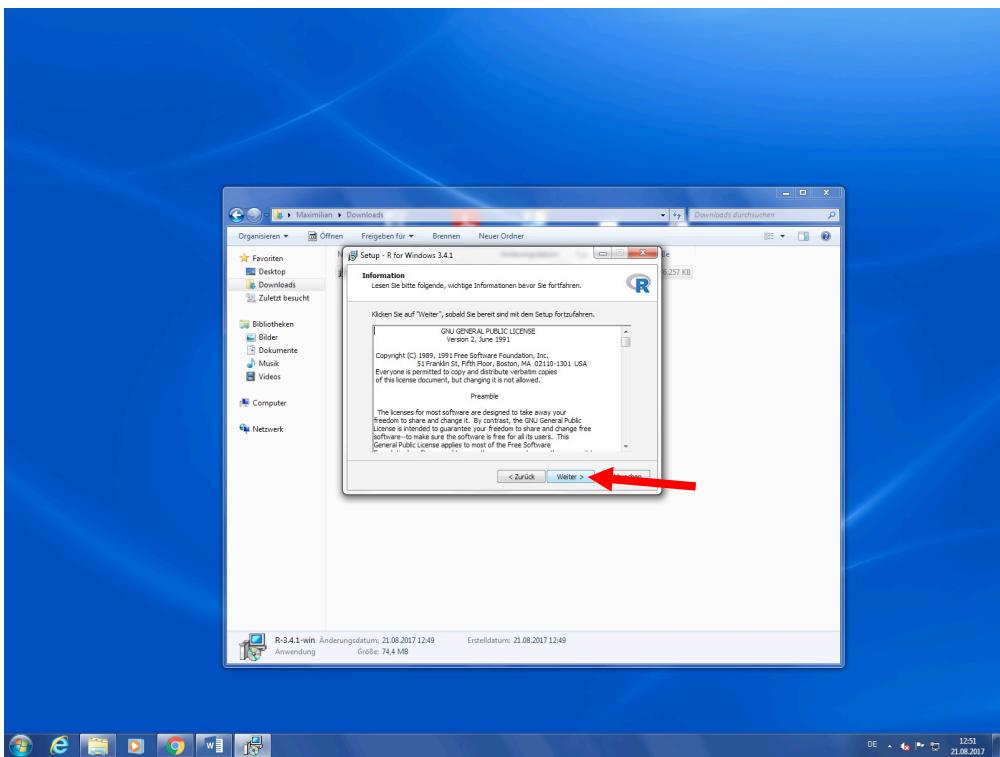
5. Öffnen Sie die heruntergeladene Setup-Datei und führen Sie diese aus.

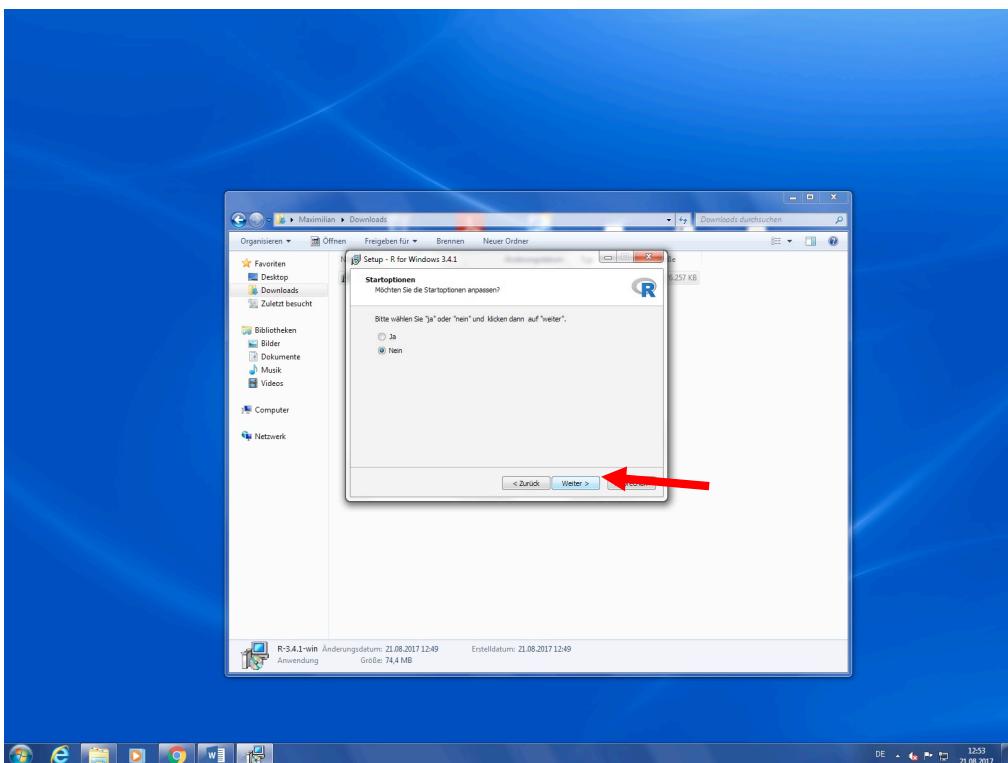
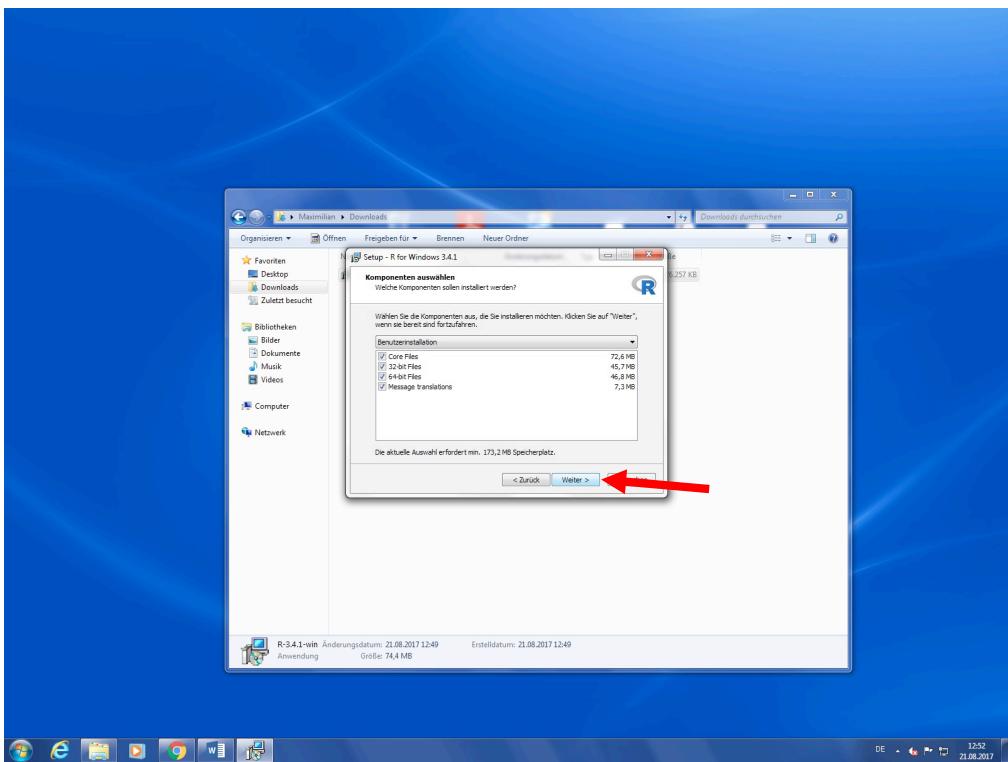


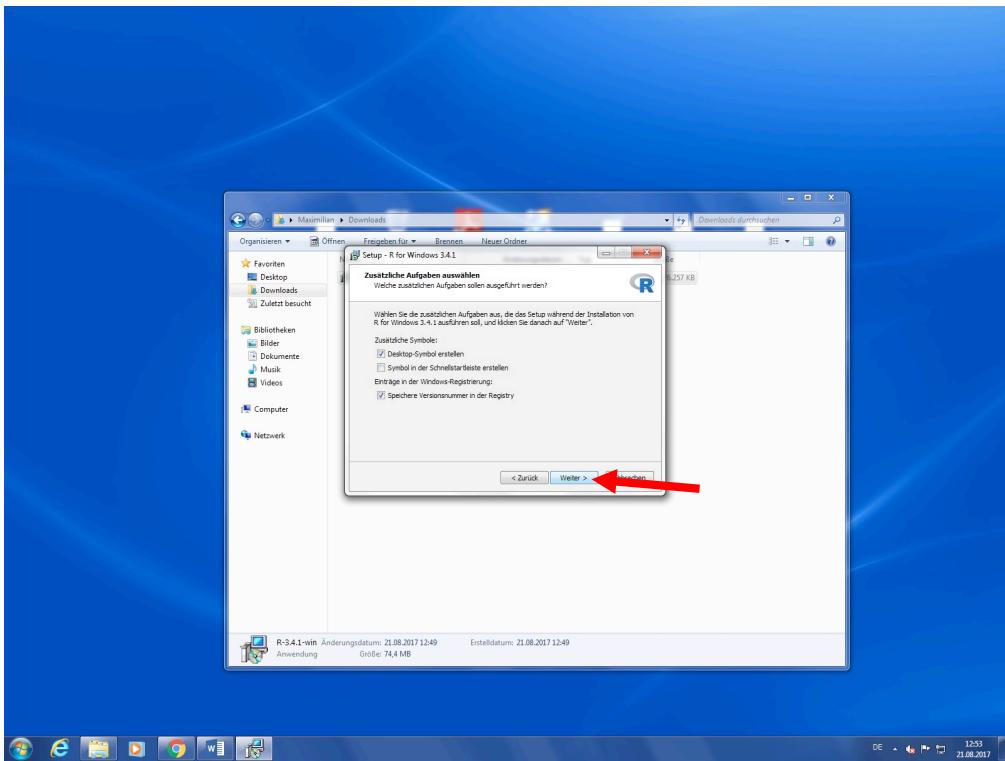
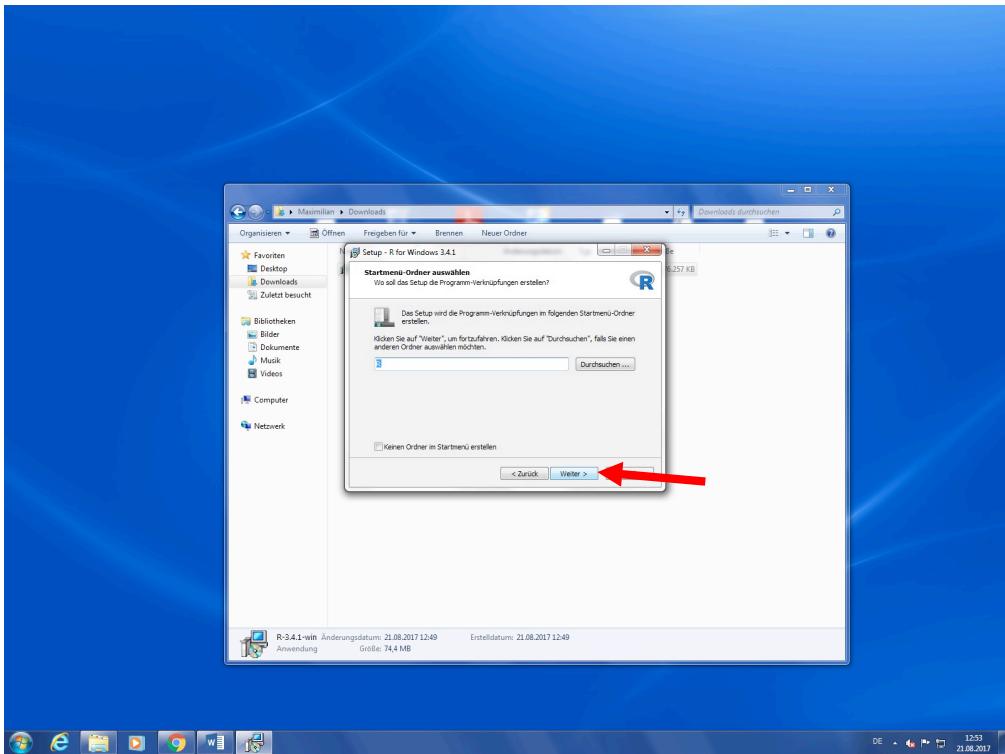
6. Durchlaufen Sie den Installationsprozess. Die folgenden Abbildungen zeigen die einzelnen Schritte des Installationsprozesses und die zu wählenden Einstellungen.

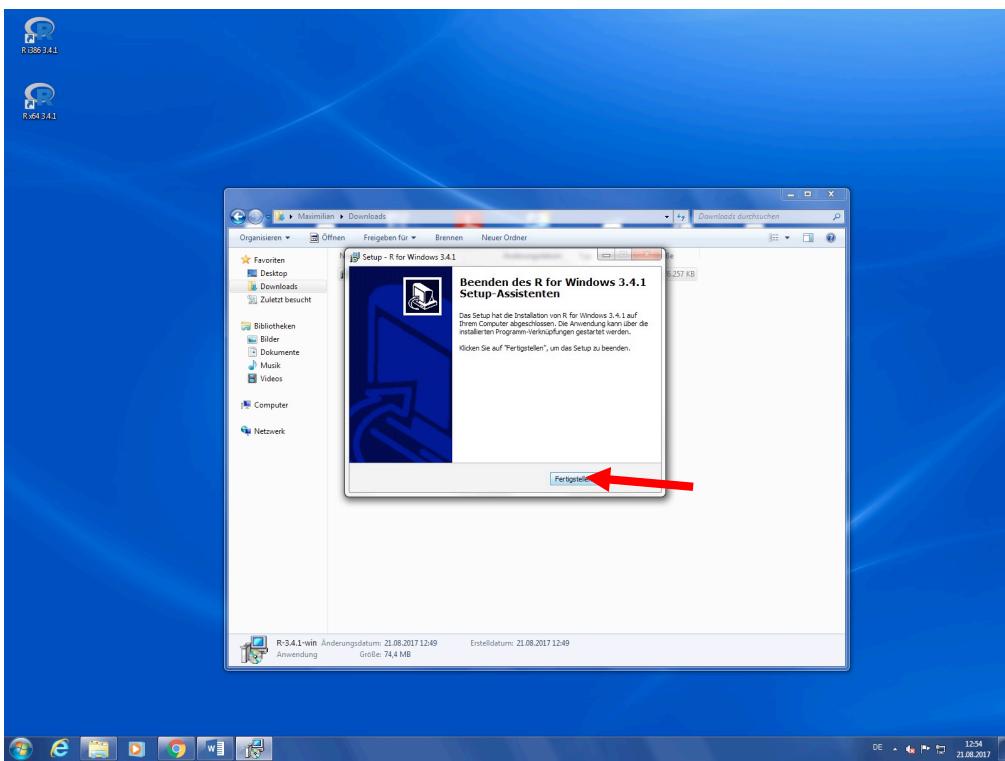
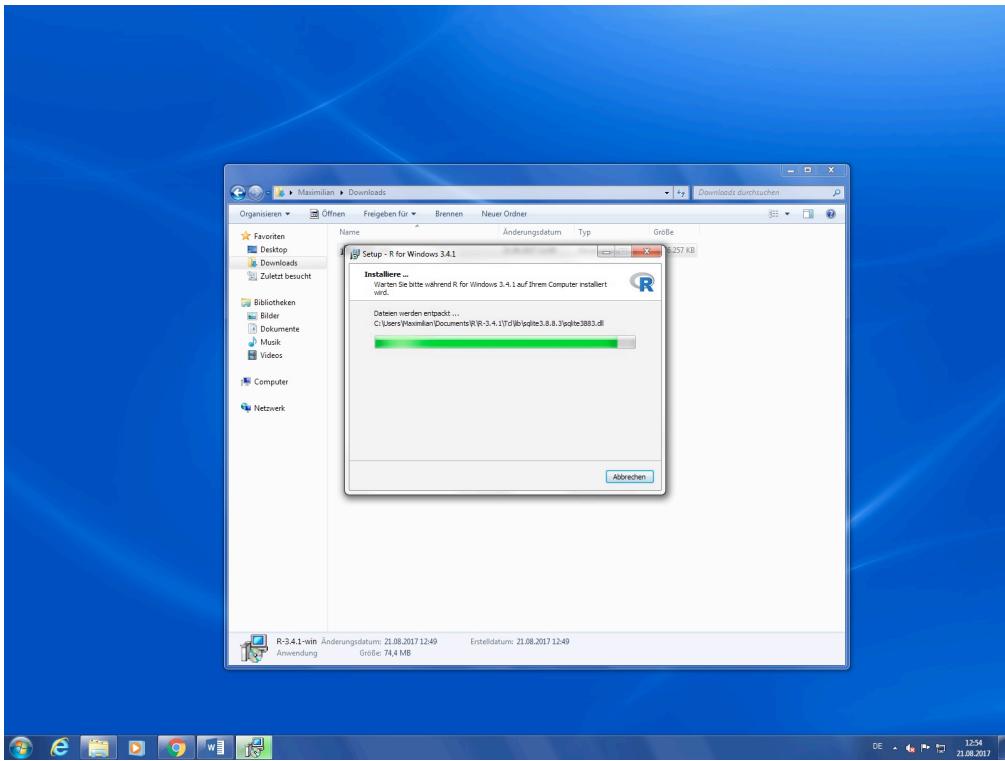




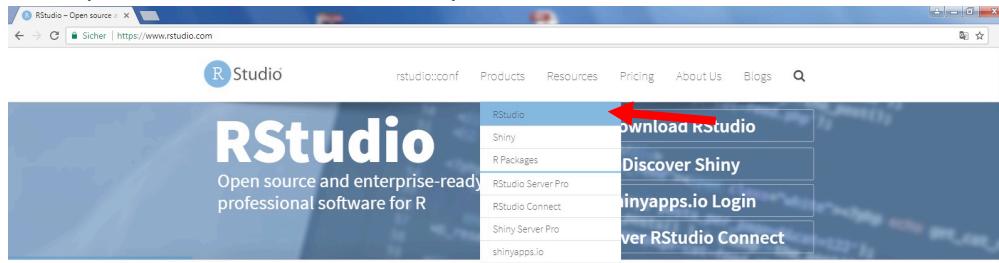








7. Installieren Sie nun ergänzend das Programm RStudio. Rufen Sie dafür in einem ersten Schritt die Homepage [www.rstudio.com](http://www.rstudio.com) auf und wählen Sie über den Menüpunkt „Products“ den Unterpunkt „RStudio“.



The screenshot shows the RStudio homepage. At the top, there is a navigation bar with links for 'rstudio:conf', 'Products', 'Resources', 'Pricing', 'About Us', 'Blogs', and a search icon. Below the navigation bar, the main content area features the RStudio logo and the text 'Open source and enterprise-ready professional software for R'. On the right side of the main content, there is a sidebar with a red arrow pointing to the 'RStudio' link in the 'Products' menu. The sidebar also contains links for 'download RStudio', 'Discover Shiny', 'shinyapps.io Login', and 'over RStudio Connect'.

**RStudio**

Open source and enterprise-ready professional software for R

**Products**

RStudio  
Shiny  
R Packages  
RStudio Server Pro  
RStudio Connect  
Shiny Server Pro  
shinyapps.io

**download RStudio**  
**Discover Shiny**  
**shinyapps.io Login**  
**over RStudio Connect**

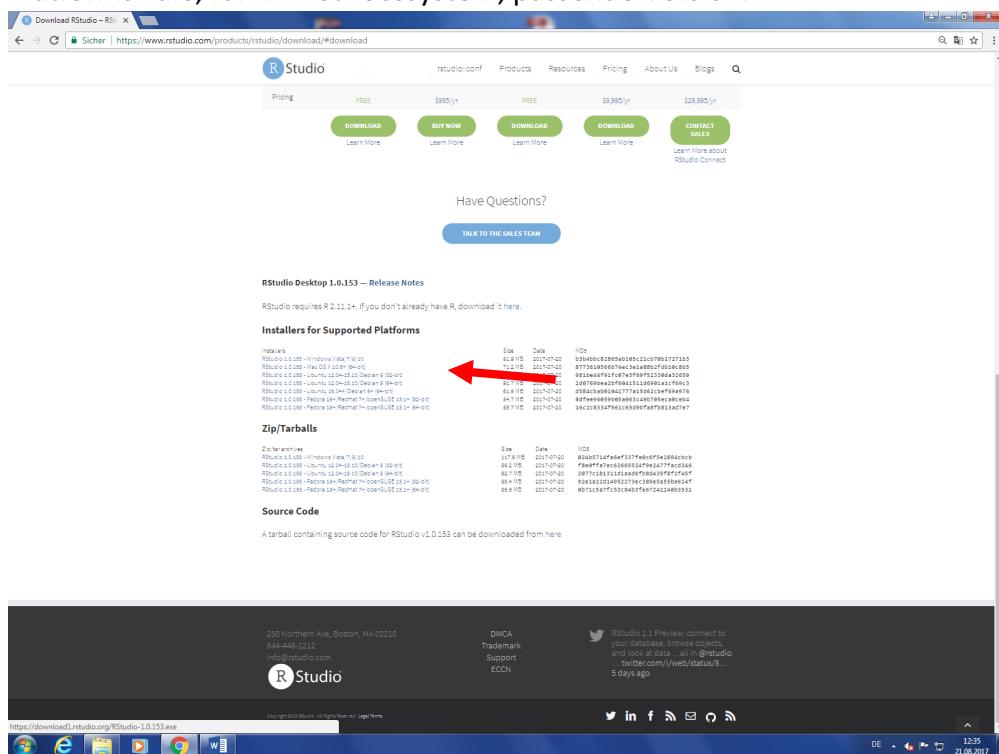
**RStudio**  
RStudio makes R easier to use. It includes a code editor, debugging & visualization tools.  
[Download](#) [Learn More](#)

**Shiny**  
Shiny helps you make interactive web applications for visualizing data. Bring R data analysis to life.  
[Learn More](#)

**R Packages**  
Our developers create popular packages to expand the features of R. Includes ggplot2, dplyr, R Markdown & more.  
[Learn More](#)

**A few of our professional fans.**  
RStudio is an active member of the R community. We believe free and open source data analysis software is a foundation for innovative and important work in science, education, and industry. The who value our professional software capabilities help us contribute to this.

8. Scrollen Sie zu dem Ende der Seite und wählen Sie unter „Installers for supported Platforms“ die, für ihr Betriebssystem, passende Version.



The screenshot shows the 'Products' page on the RStudio website. At the top, there is a 'Pricing' section with four options: 'FREE', '\$995/yr', 'FREE', and '\$29,995/yr'. Below this, there are 'DOWNLOAD' buttons for each option. Further down, there is a 'CONTACT SALES' button. A red arrow points to the 'DOWNLOAD' button for the '\$995/yr' option, which corresponds to the RStudio Desktop 1.0.153 link.

**Installers**

RStudio 1.0.153 - Windows 64-bit (64-bit)

RStudio 1.0.153 - Mac OS X (64-bit)

RStudio 1.0.153 - Linux (64-bit)

RStudio 1.0.153 - Windows 32-bit (32-bit)

RStudio 1.0.153 - Linux (32-bit)

RStudio 1.0.153 - Linux (64-bit)

RStudio 1.0.153 - Linux (32-bit)

RStudio 1.0.153 - Windows 64-bit (64-bit)

RStudio 1.0.153 - Mac OS X (64-bit)

RStudio 1.0.153 - Linux (64-bit)

RStudio 1.0.153 - Windows 32-bit (32-bit)

RStudio 1.0.153 - Linux (32-bit)

**Zip/Tarballs**

RStudio 1.0.153 - Windows 64-bit (64-bit)

RStudio 1.0.153 - Mac OS X (64-bit)

RStudio 1.0.153 - Linux (64-bit)

RStudio 1.0.153 - Windows 32-bit (32-bit)

RStudio 1.0.153 - Linux (32-bit)

RStudio 1.0.153 - Linux (64-bit)

RStudio 1.0.153 - Windows 32-bit (32-bit)

RStudio 1.0.153 - Linux (32-bit)

**Source Code**

A tarball containing source code for RStudio v1.0.153 can be downloaded from here.

**RStudio Desktop 1.0.153 – Release Notes**

RStudio requires R 2.11.1+. If you don't already have R, download it here.

**Installers for Supported Platforms**

Installer	Size	Date	ID
RStudio 1.0.153 - Windows 64-bit (64-bit)	512.1 MB	2017-07-02	87736340569744c34a882f602805
RStudio 1.0.153 - Mac OS X (64-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Linux (64-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Windows 32-bit (32-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Linux (32-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Linux (64-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Windows 32-bit (32-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Linux (32-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Windows 64-bit (64-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Mac OS X (64-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Linux (64-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Windows 32-bit (32-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659
RStudio 1.0.153 - Linux (32-bit)	512.1 MB	2017-07-02	861144d919c97e9f68f52128e423659

**Source Code**

A tarball containing source code for RStudio v1.0.153 can be downloaded from here.

**RStudio 1.1 Preview**

connect to your database, browse objects, and view data... all in @rstudio RStudio 1.1 Preview

[View Status](#) 5 days ago

250 Northern Ave, Boston, MA 02210  
844-448-1212  
info@rstudio.com

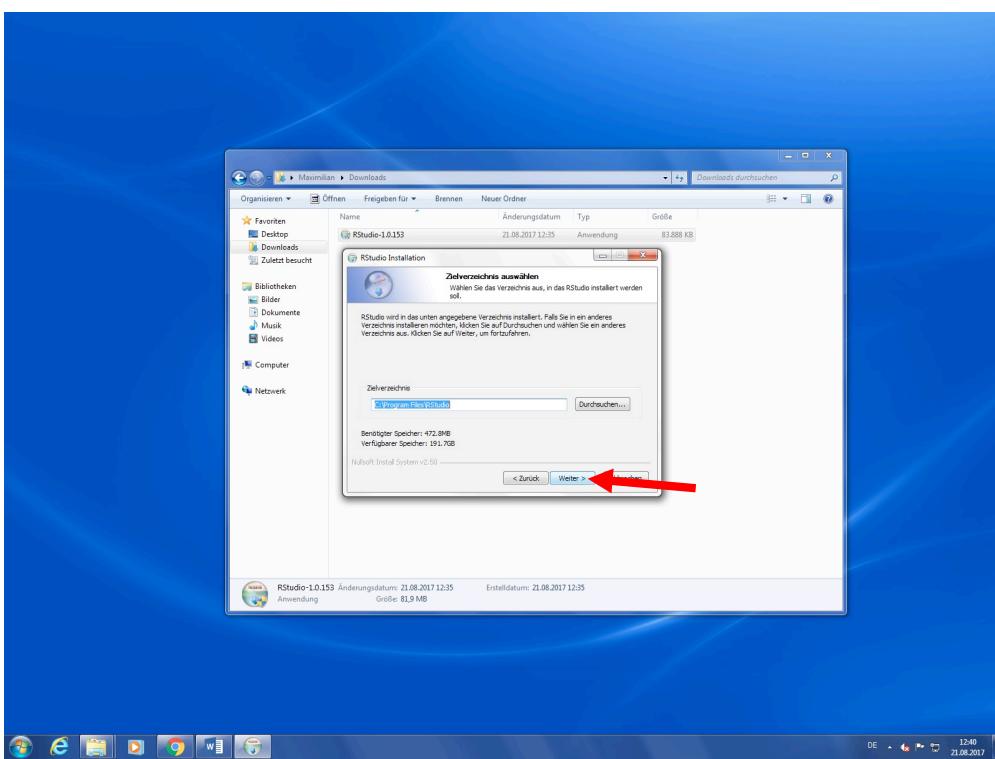
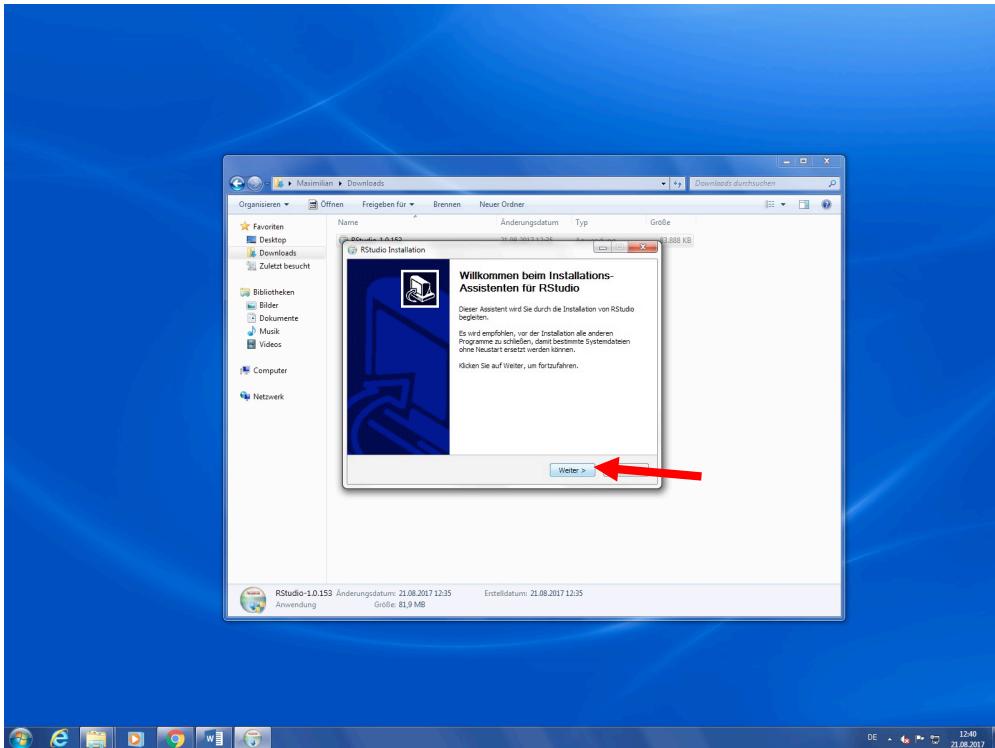
**R Studio**

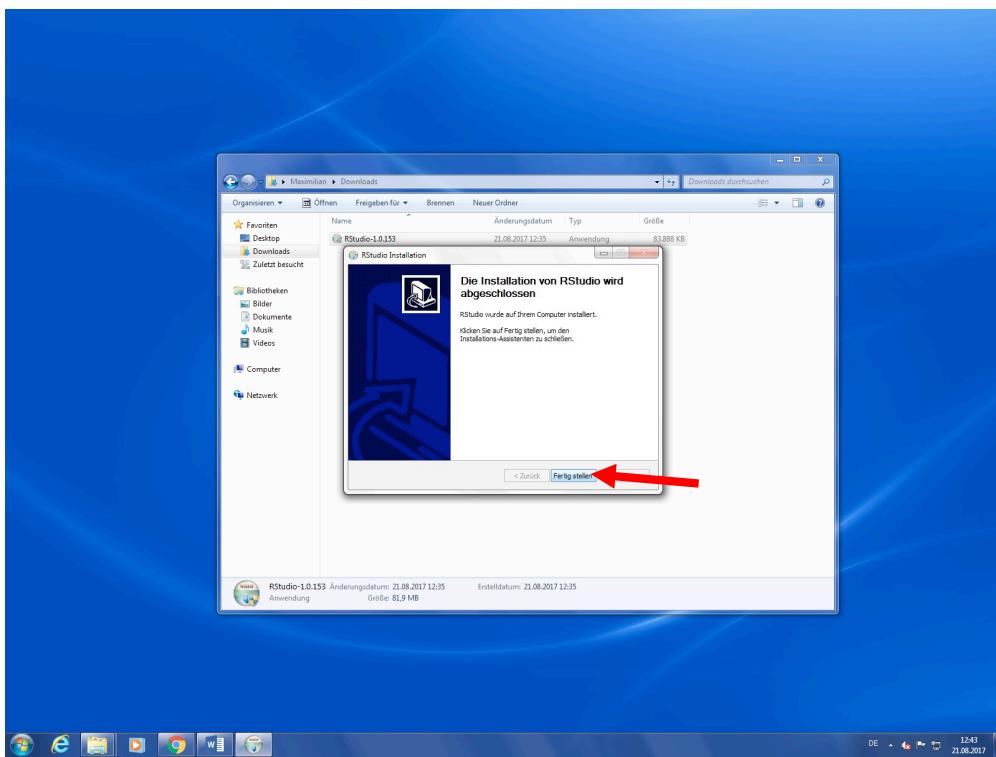
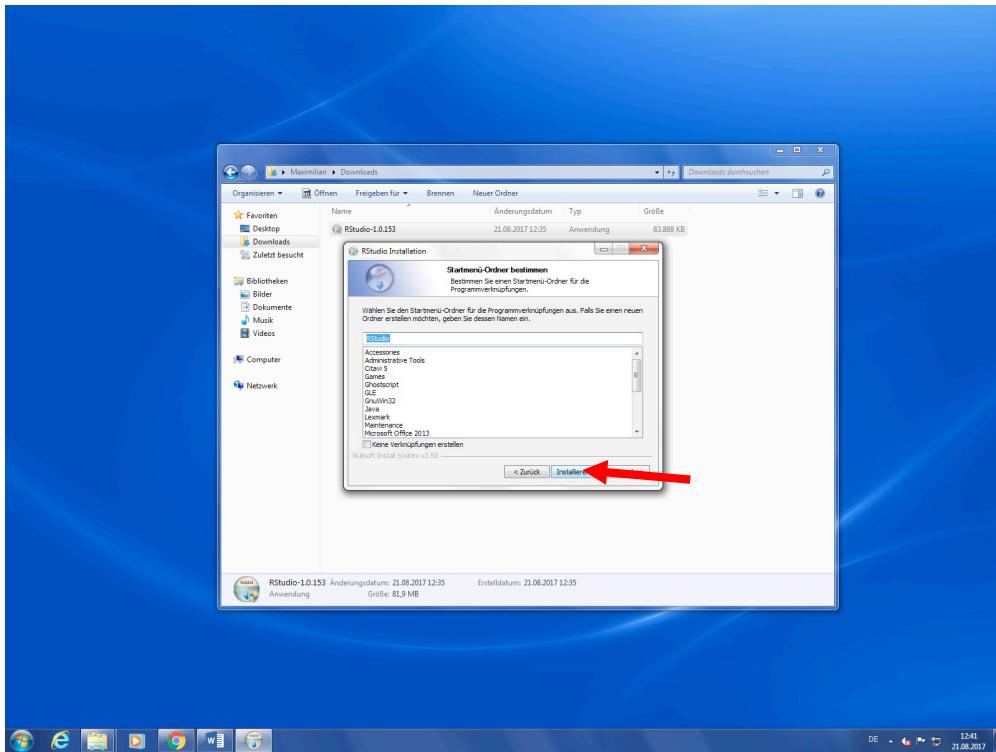
DPCA  
Trademark  
Support  
ECCN

Copyright 2013 RStudio, Inc. All rights reserved. Legal Terms

<https://download.rstudio.org/RStudio-1.0.153.exe>

9. Führen Sie die heruntergeladene Setup-Datei aus. Die einzelnen Installationsschritte und zu wählenden Einstellungen werden in den folgenden Abbildungen dargestellt.





**Hinweis:** Bitte beschäftigen Sie sich schon vorab mit dem Programm RStudio. Dies erleichtert den späteren Umgang mit dem Programm während der wissenschaftlichen Arbeit und ermöglicht es Ihnen, im „Crashkurs“ gezielt Fragen stellen zu können. Links zu unterschiedlichen Büchern, Programmierhilfen und Befehlslisten finden Sie in dem Dokument „Wissenschaftliches Arbeiten mit R - Downloads, Befehle und Hilfen“