

Bioinformática Aplicada – 2024

Instalação dos Softwares


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Instalação dos Softwares

Instalar R

- Fica na página seguinte:
 - <https://cran.r-project.org/>



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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 \(Debian, Fedora/Redhat, Ubuntu\)](#)
- [Download R for macOS](#)
- [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 (2024-06-14, Race for Your Life) [R-4.4.1.tar.gz](#), read [what's new](#) in the latest version.
- The CRAN directory [src/base-prerelease](#) contains R alpha, beta, and rc releases as daily snapshots in time periods before a planned release.
- Between releases, the same directory [src/base-prerelease](#) contains snapshots of current patched and development versions. Please read about [new features and bug fixes](#) before filing corresponding feature requests or bug reports.
- Alternatively, daily snapshots are [available here](#).
- 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.

Supporting CRAN

- CRAN operations, most importantly hosting, checking, distributing, and archiving of R add-on packages for various platforms, crucially rely on technical, emotional, and financial support by the R community.


Please consider making [financial contributions](#) to the R Foundation for Statistical Computing.

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.

Na Tela Inicial (Windows)

1. Clique no link "Download R for Windows"
2. Na próxima tela, clique no "base"
 - *Mac não faz este passo*



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R-4.4.1 for Windows

[Download R-4.4.1 for Windows](#) (82 megabytes, 64 bit)
[README on the Windows binary distribution](#)
[New features in this version](#)

This build requires UCRT, which is part of Windows since Windows 10 and Windows Server 2016. On older systems, UCRT has to be installed manually from [here](#).

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.

Proceder para Instalação

- Clicar on **Download R 4.4.1 for Windows**



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R-4.3.1 for Windows

[Download R-4.3.1 for Windows](#) (79 megabytes, 64 bit)
[README on the Windows binary distribution](#)
[New features in this version](#)

This build requires UCRT, which is part of Windows since Windows 10 and Windows Server 2016. On older systems, UCRT has to be installed manually from [here](#).

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.

- Programa vai aparecer no seu computador

Instalação de RStudio

- Site: <https://posit.co/download/rstudio-desktop/>
- Role para baixo até um grande botão *azul*: "Download RStudio"
 - Vai informar o número de versão e tamanho do programa

2: Install RStudio

DOWNLOAD RSTUDIO DESKTOP FOR MACOS 12+

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This version of RStudio is only supported on macOS 12 and higher. For earlier macOS environments, please [download a previous version](#).

Size: 621.00 MB | [SHA-256: 54D722FD](#) | Version: 2024.09.0+375 |
Released: 2024-09-23

Iniciar RStudio

- Na área de trabalho (ou através dos menus), *duplo click* no ícone de RStudio
 - **Não o ícone de R**
- RStudio abrirá
 - R automaticamente abrirá dentro do RStudio

Console Inicial de RStudio -- Ready to Rock!

