

RおよびRStudioの インストール

* インターネットに繋がった状態で行ってください

* 以前RとRstudioをインストールしている方も、記載の方法を行って最新版にアップデートしてください。

必要なソフトウェア

	Mac	Windows
R	○	○
RStudio	○	○
XQuartz	○	不要

Mac

XQuartzのダウンロード

Rのダウンロード
CPUに合わせて選んでください

Note: Although we take precautions when assembling binaries, please use the normal precautions with downloaded executables.

Please check the integrity of the downloaded package by checking the signature:

```
pkgutil --check-signature R-4.4.2-arm64.pkg
```

in the *Terminal* application. If Apple tools are not available you can check the SHA1 checksum of the downloaded image:

```
openssl sha1 R-4.4.2-arm64.pkg
```

For Apple silicon (M1,2,...) Macs:

[R-4.4.2-arm64.pkg](#)

SHA1-hash: 7832cb5d6cd686fd3cc54c8ab4c93c464540a944
(ca. 94MB, notarized and signed)

For older Intel Macs:

[R-4.4.2-x86_64.pkg](#)

SHA1-hash: f49ad56cc3a0ac569fd8f9668749bc861b965b5c
(ca. 96MB, notarized and signed)

[NEWS](#) (for Mac GUI)

[Mac-GUI-1.81.tar.gz](#)

SHA1-hash: 2980af0d8fa91660c1df44cc200c8914df6451fd

older than 4.0.0 are only available from the [CRAN archive](#) so users of such versions should

R for macOS

R 4.4.2 "Pile of Leaves" released

Latest release:

R 4.4.2 binary for macOS 11 (**Big Sur**) and higher, signed and notarized packages.

Contains R 4.4.2 framework, R.app GUI 1.81, Tcl/Tk 8.6.12 X11 libraries and Texinfo 6.8. The latter two components are compiled from sources.

macOS Ventura users: there is a known bug in Ventura preventing installations from some locations without a pro

Note: the use of X11 (including `tcltk`) requires [XQuartz](#) (version 2.8.5 or later). Always re-install XQuartz when

This release uses Xcode 14.2/14.3 and GNU Fortran 12.2. If you wish to compile R packages which contain Fortran code, you are expected to live in `/opt/R/arm64` (Apple silicon) or `/opt/R/x86_64` (Intel).

News features and changes in the R.app Mac GUI

Sources for the R.app GUI 1.81 for macOS. This file is only needed if you want to join the development of the G

Windows

R for Windows

Subdirectories:

[base](#)

[contrib](#)

[old contrib](#)

[Rtools](#)

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

Binaries of contributed CRAN packages (for R >= 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.

Binaries of contributed CRAN packages for outdated versions of R (for R 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

Tools to build R and R packages. 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 Uwe Ligges directly in case of questions / suggestions related to Windows binaries.

baseをクリック、リンク先からダウンロード

R-4.4.2 for Windows

[Download R-4.4.2 for Windows](#) (83 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.

RStudioのインストール

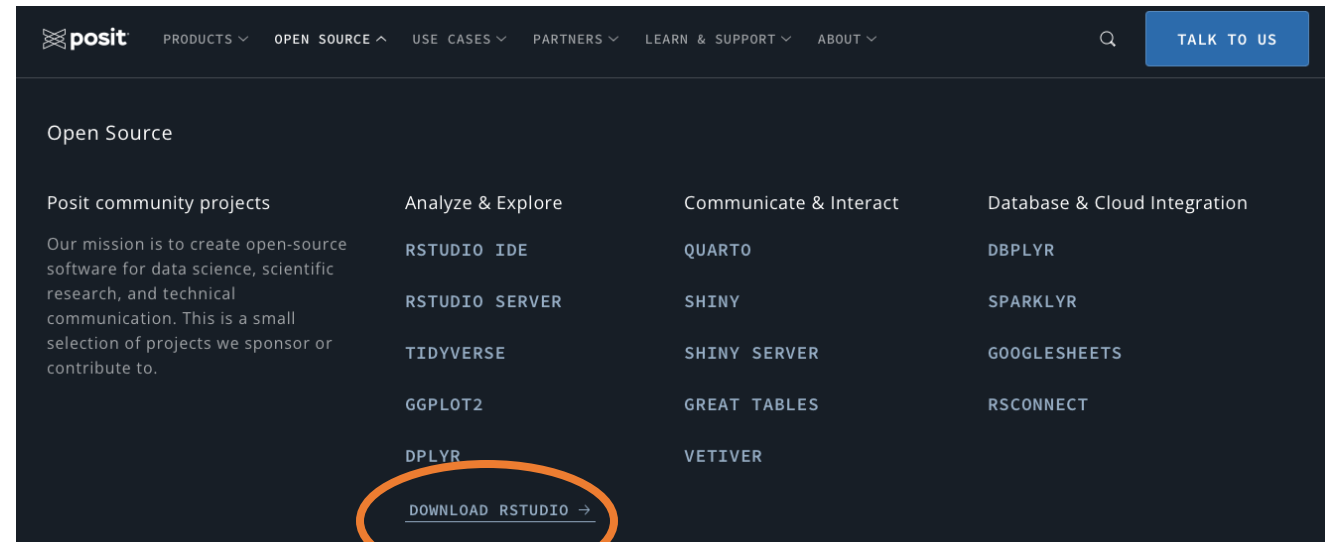
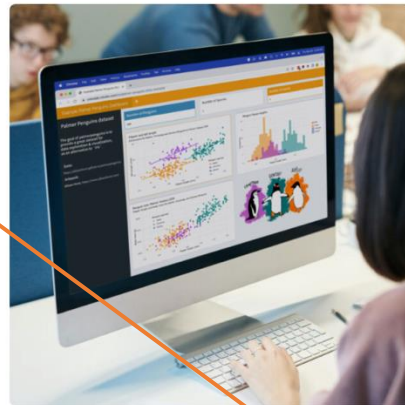
https://posit.co



A better way to
deploy R & Python

Posit makes it easy to deploy open source data science work across the enterprise safely and securely. Share Jupyter notebooks, Plotly dashboards, or interactive applications built with popular R and Python frameworks including Shiny, Streamlit, Dash, and Flask.

GET STARTED



OPEN SOURCEをクリック、
プルダウンメニューから**DOWNLOAD RSTUDIO**を選択

DOWNLOAD RSTUDIO を選択

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DOWNLOAD

RStudio IDE

The most popular coding environment for R, built with love by Posit.

Used by millions of people weekly, the RStudio integrated development environment (IDE) is a set of tools built to help you be more productive with R and Python. It includes a console, syntax-highlighting editor that supports direct code execution. It also features tools for plotting, viewing history, debugging and managing your workspace.

If you're a professional data scientist and want guidance on adopting open-source tools at your organization, don't hesitate to [book a call with us.](#)

DOWNLOAD RSTUDIO

DOWNLOAD RSTUDIO SERVER

OSに合わせてRStudio Desktopのインストーラをダウンロード

All Installers and Tarballs

RStudio requires a 64-bit operating system.

Linux users may need to import [Posit's public code-signing key](#) prior to installation, depending on the operating system's security policy.

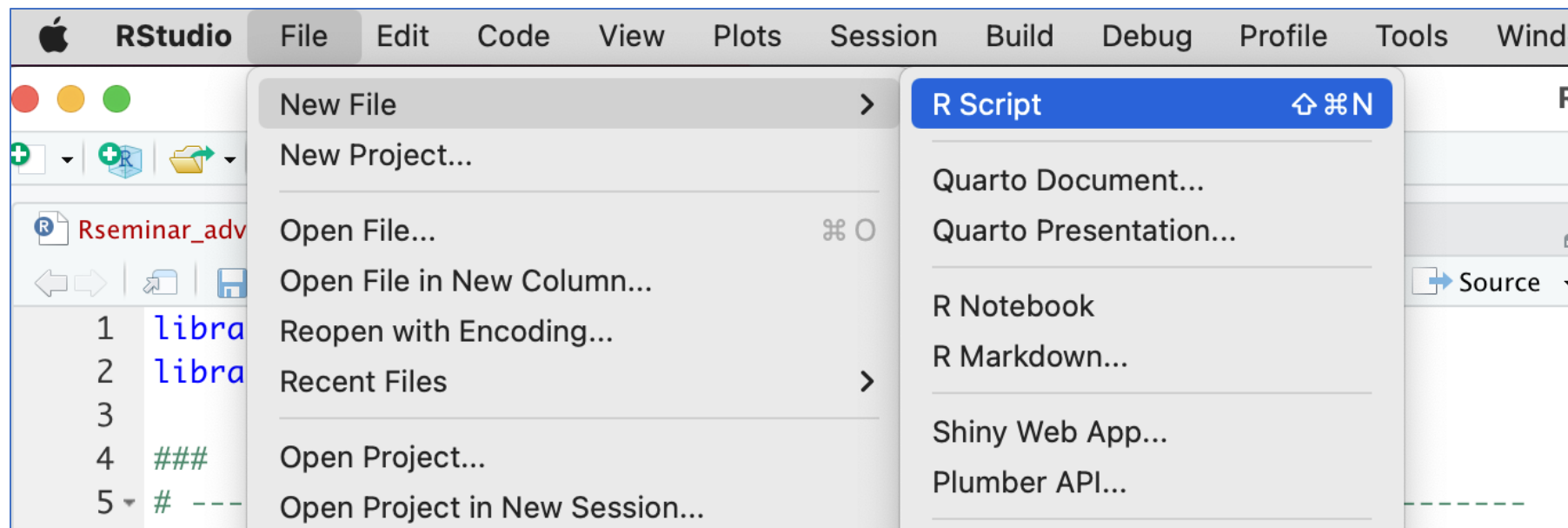
OS	Download	Size	SHA-256
Windows 10/11	RSTUDIO-2024.12.0-467.EXE ↓	265.27 MB	5EFC188
macOS 13+	RSTUDIO-2024.12.0-467.DMG ↓	617.71 MB	46958FB4

インストール

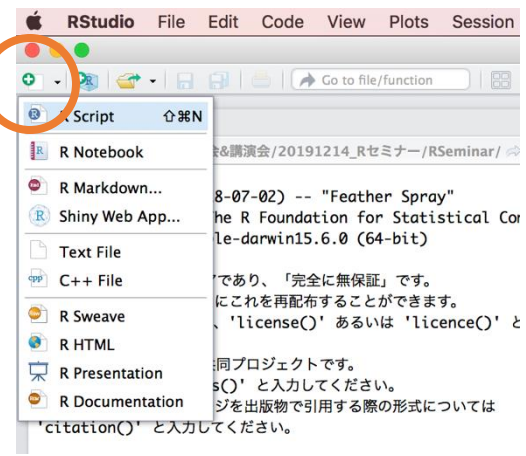
- ダウンロードしたインストーラを起動
- 必ず必要なソフトウェアをインストール

	Mac	Windows
R	○	○
RStudio	○	○
XQuartz	○	不要

必要なパッケージのインストール
RStudioを起動し以下の方法でR Scriptを選択



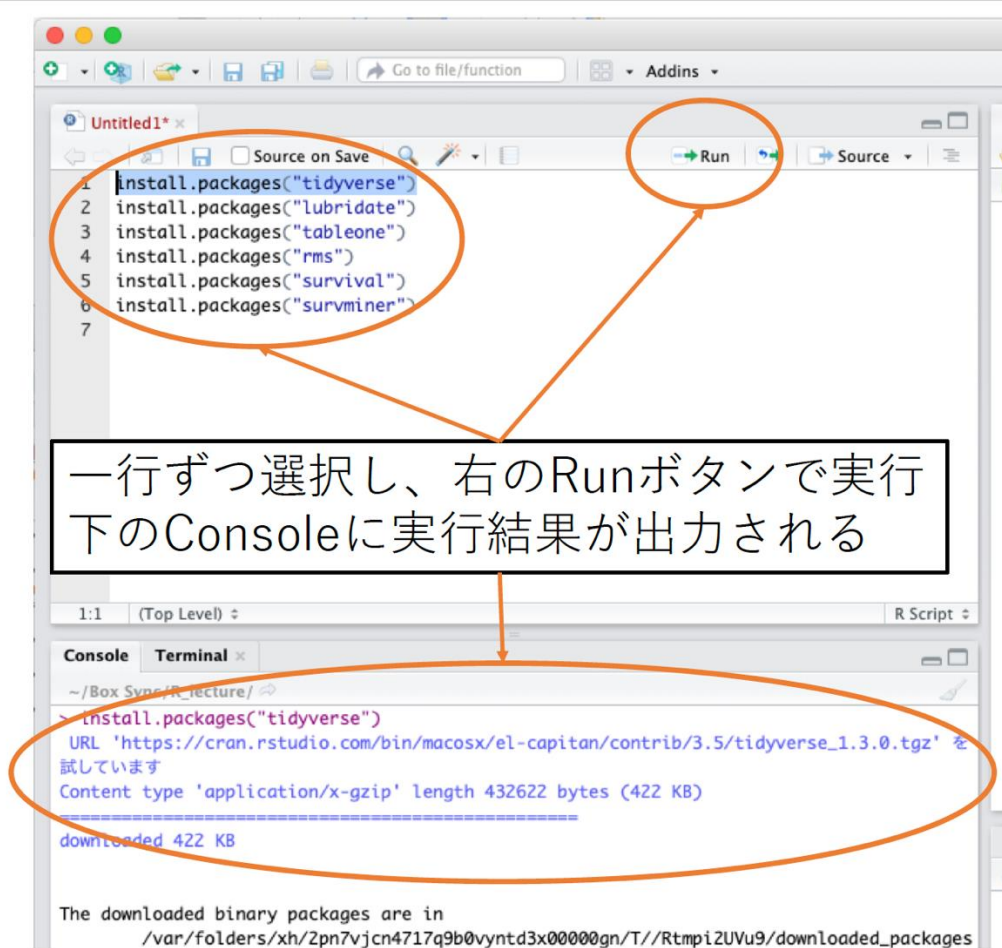
または
左上の  アイコンからR Scriptを選択



事前に以下のパッケージをインストールしてください

二重引用符のコピペがうまくいかない場合、
半角英数で打ち込んでください

1行ずつ実行し、ERRORが出ないことを確認してください



```
install.packages("tidyverse")
install.packages("tableone")
install.packages("rms")
install.packages("pROC")
install.packages("WeightIt")
install.packages("MatchIt")
install.packages("survey")
install.packages("cobalt")
install.packages("gtsummary")
```