

Software R – Project

Guía de Instalación Básica

1.- Acceder a la web: <http://www.r-project.org/>

2.- Pulsar en «Download, CRAN»

The R Project for Statistical Computing

Download, Packages
CRAN

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 :

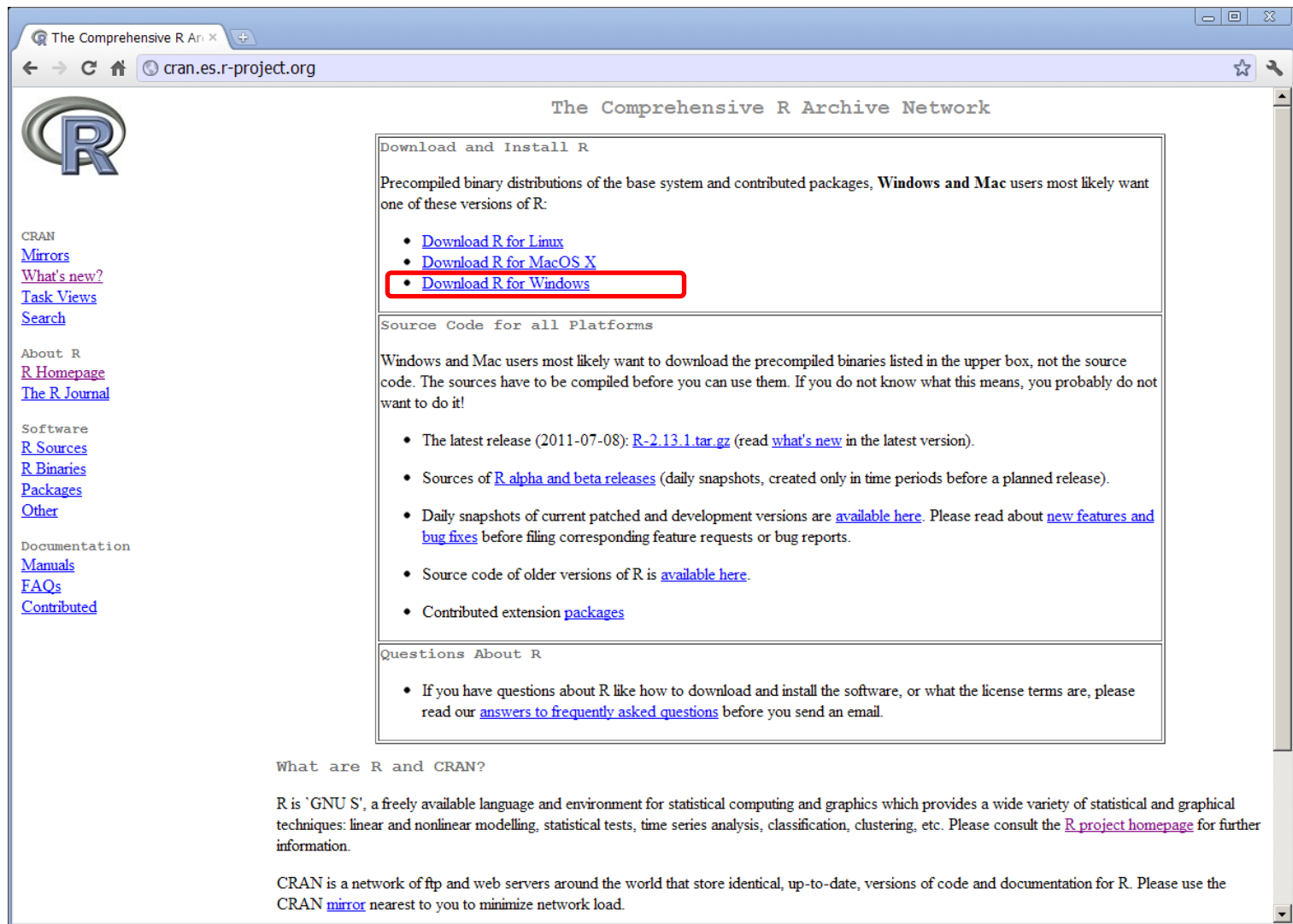
- [R 2.13.2 prerelease versions](#) will appear starting September 20. Final release is scheduled for September 30, 2011.
- [R 2.14.0 prerelease versions](#) will appear starting October 3. Final release is scheduled for October 31, 2011.
- R version 2.13.1 has been released on 2011-07-08. The source code is first available in this [directory](#), and eventually via all of CRAN. Binaries will arrive in due course (see download instructions above).
- [The R Journal Vol.3/1](#) is available
- The R Foundation as been awarded [fifteen slots for R projects](#) in the [Google Summer of Code 2011](#).
- [useR! 2011](#), took place at the University of Warwick, Coventry, UK, August 16-18, 2011.

3.- Buscar el «mirror» de España y acceder.

The screenshot shows the website www.r-project.org in a browser window. The page lists mirrors for various countries. The mirror for Spain is highlighted with a red box.

Country	Mirror URL	Location
Poland	http://cran.privatejetscharter.net/	Privatejetscharter.net, Gdansk
	http://piotrkosoft.net/pub/mirrors/CRAN/	Piotrkosoft - Data Storage Center
	http://r.meteo.uni.wroc.pl/	University of Wrocław
Russia	http://cran.gis-lab.info/	GIS-Lab.info
Singapore	http://cran.stat.nus.edu.sg/	National University of Singapore
Slovakia	http://cran.fyxm.net/	FYXM.net, Bratislava
	http://cran.phphosts.org/	phphosts.org, Bratislava
South Africa	http://cran.ru.ac.za/	Rhodes University
Spain	http://cran.es.r-project.org/	Spanish National Research Network, Madrid
Sweden	http://ftp.sunet.se/pub/lang/CRAN/	Swedish University Computer Network, Uppsala
Switzerland	http://stat.ethz.ch/CRAN/	ETH Zuerich
Taiwan	http://cran.cs.pu.edu.tw/	Providence University, Taichung
	http://cran.csie.ntu.edu.tw/	National Taiwan University, Taipei
	http://cran.stat.tku.edu.tw/	Tamkang University, Taipei
Thailand	http://mirrors.psu.ac.th/pub/cran/	Prince of Songkla University, Hatyai
UK	http://www.stats.bris.ac.uk/R/	University of Bristol
	http://cran.ma.imperial.ac.uk/	Imperial College London
	http://star-www.st-andrews.ac.uk/cran/	St Andrews University
USA	http://cran.opensourceresources.org/	opensourceresources.org
	http://cran.cnr.Berkeley.edu	University of California, Berkeley, CA
	http://cran.stat.ucla.edu/	University of California, Los Angeles, CA
	http://streaming.stat.iastate.edu/CRAN/	Iowa State University, Ames, IA

4.- Descargar la versión correspondiente al sistema operativo instalado. (En nuestro caso, Windows)



The screenshot shows a web browser window with the address bar displaying "cran.es.r-project.org". The page title is "The Comprehensive R Archive Network". On the left side, there is a navigation menu with links for "CRAN", "Mirrors", "What's new?", "Task Views", "Search", "About R", "R Homepage", "The R Journal", "Software", "R Sources", "R Binaries", "Packages", "Other", "Documentation", "Manuals", "FAQs", and "Contributed".

The main content area is titled "Download and Install R". It contains the following text: "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 MacOS X](#)
- [Download R for Windows](#)

The "Download R for Windows" link is highlighted with a red rectangular box.

Below this, there is a section titled "Source Code for all Platforms" with the text: "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!"

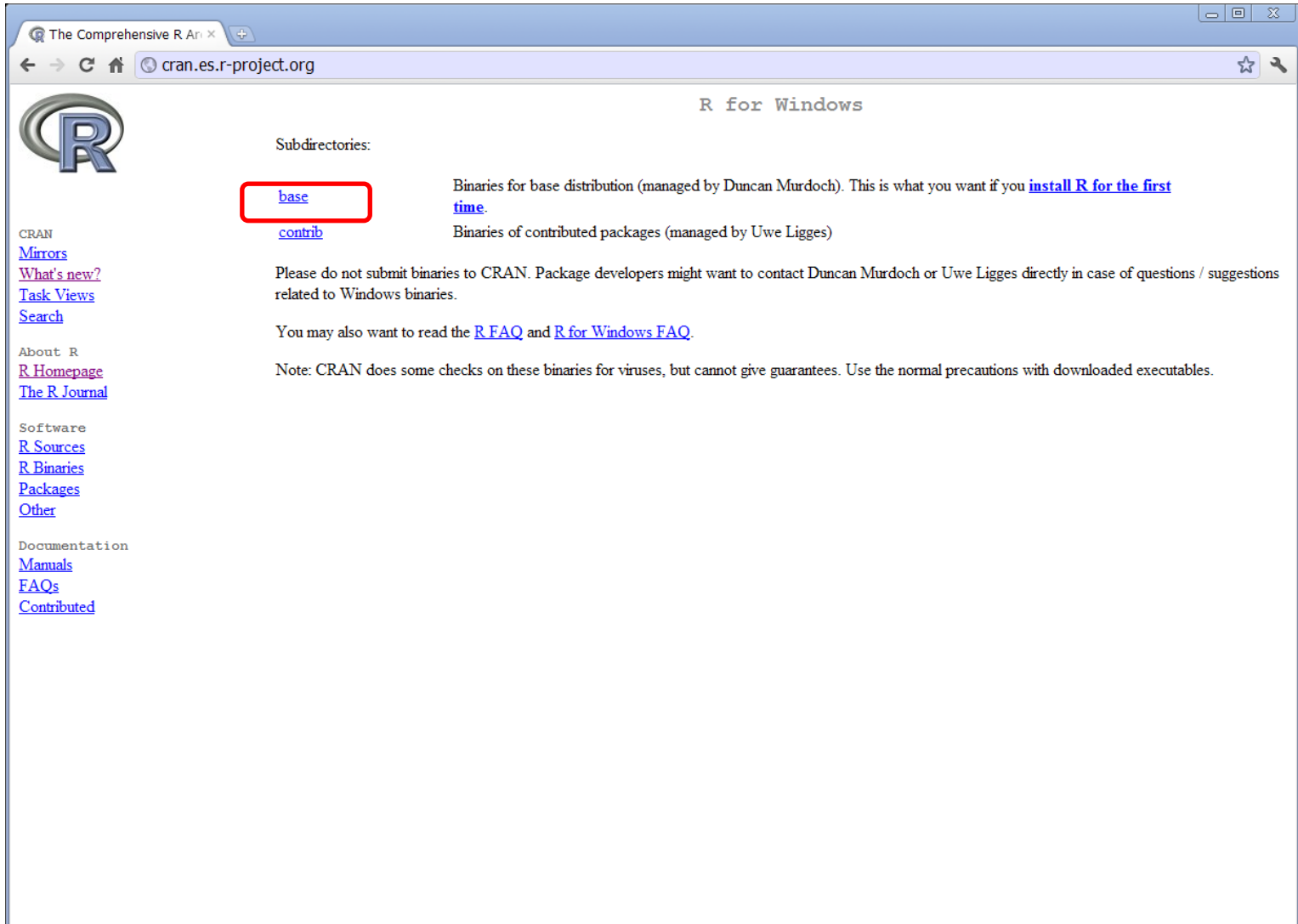
- The latest release (2011-07-08): [R-2.13.1.tar.gz](#) (read [what's new](#) in the latest version).
- Sources of [R alpha and beta releases](#) (daily snapshots, created only in time periods before a planned release).
- Daily snapshots of current patched and development versions are [available here](#). 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](#)

At the bottom of the main content area, there is a section titled "Questions About R" with the text: "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."

Below the main content area, there is a section titled "What are R and CRAN?" with the text: "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."

At the very bottom, there is a section titled "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."

5.- Pulsar en «Base»



The screenshot shows a web browser window with the address bar displaying "cran.es.r-project.org". The page title is "R for Windows". The R logo is visible in the top left corner. The main content area is titled "Subdirectories:" and lists two options: "base" and "contrib". The "base" link is highlighted with a red rectangular box. To the right of the "base" link, there is a paragraph of text: "Binaries for base distribution (managed by Duncan Murdoch). This is what you want if you [install R for the first time](#)." Below this, there is another paragraph: "Binaries of contributed packages (managed by Uwe Ligges)". Further down, there is a paragraph: "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." and another paragraph: "You may also want to read the [R FAQ](#) and [R for Windows FAQ](#)." At the bottom, there is a note: "Note: CRAN does some checks on these binaries for viruses, but cannot give guarantees. Use the normal precautions with downloaded executables." On the left side of the page, there is a navigation menu with links for "CRAN", "Mirrors", "What's new?", "Task Views", "Search", "About R", "R Homepage", "The R Journal", "Software", "R Sources", "R Binaries", "Packages", "Other", "Documentation", "Manuals", "FAQs", and "Contributed".

The Comprehensive R An x

cran.es.r-project.org

R for Windows

Subdirectories:

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

[contrib](#) Binaries of contributed packages (managed by Uwe Ligges)

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 [R FAQ](#) 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.

CRAN

[Mirrors](#)

[What's new?](#)

[Task Views](#)

[Search](#)

About R

[R Homepage](#)

[The R Journal](#)

Software

[R Sources](#)

[R Binaries](#)

[Packages](#)

[Other](#)

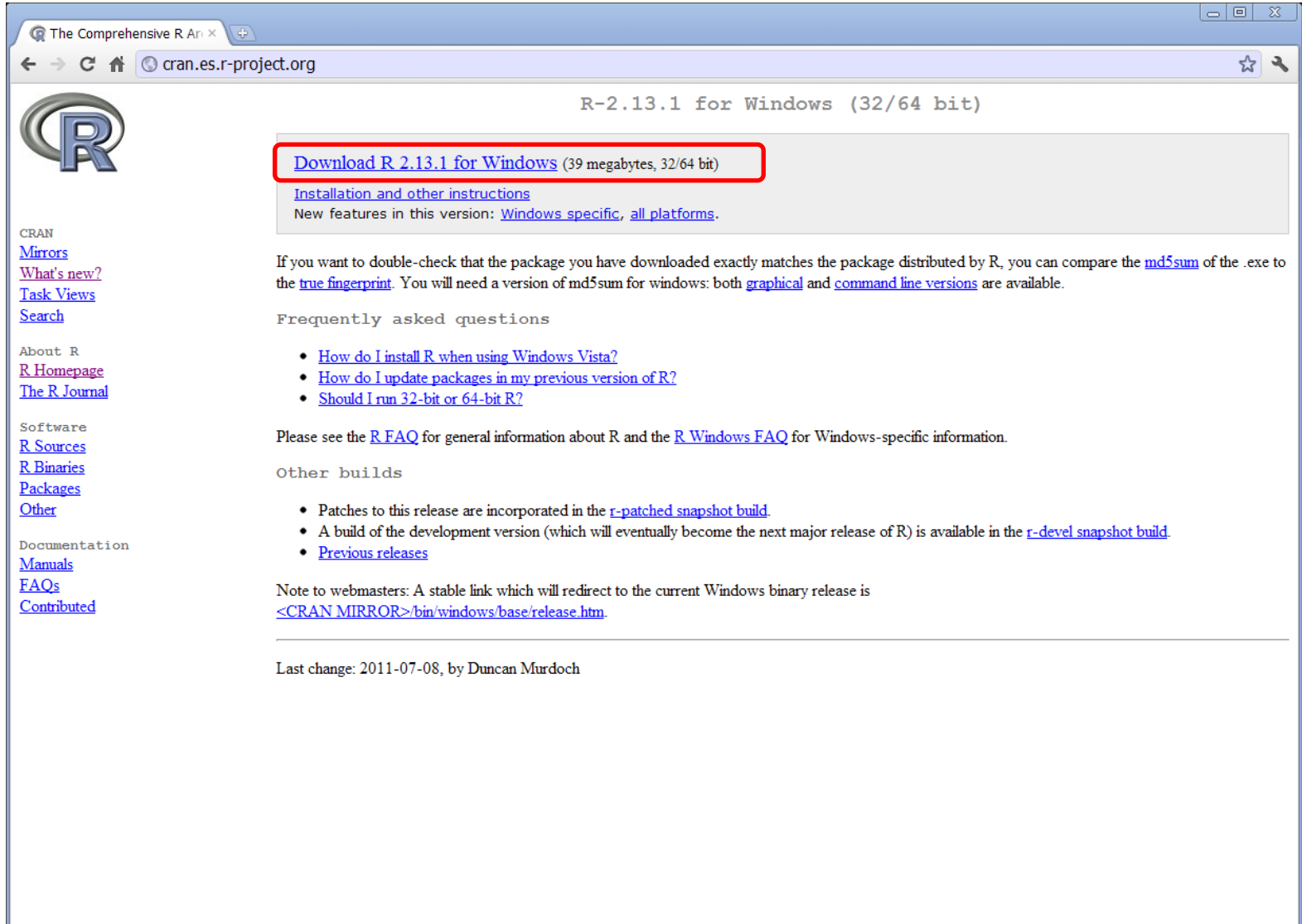
Documentation

[Manuals](#)

[FAQs](#)

[Contributed](#)

6.- Descargar el programa y ejecutarlo.



The screenshot shows a web browser window with the address bar displaying "cran.es.r-project.org". The page title is "R-2.13.1 for Windows (32/64 bit)". The main content area features a red-bordered box containing the text "Download R 2.13.1 for Windows (39 megabytes, 32/64 bit)". Below this, there are links for "Installation and other instructions" and "New features in this version: Windows specific, all platforms." The left sidebar contains navigation links for "CRAN", "Mirrors", "What's new?", "Task Views", "Search", "About R", "R Homepage", "The R Journal", "Software", "R Sources", "R Binaries", "Packages", "Other", "Documentation", "Manuals", "FAQs", and "Contributed". The main content area also includes a section for "Frequently asked questions" with three bullet points, a note to webmasters, and a footer indicating the last change was on 2011-07-08 by Duncan Murdoch.

CRAN

[Mirrors](#)
[What's new?](#)
[Task Views](#)
[Search](#)

About R
[R Homepage](#)
[The R Journal](#)

Software
[R Sources](#)
[R Binaries](#)
[Packages](#)
[Other](#)

Documentation
[Manuals](#)
[FAQs](#)
[Contributed](#)

R-2.13.1 for Windows (32/64 bit)

[Download R 2.13.1 for Windows](#) (39 megabytes, 32/64 bit)

[Installation and other instructions](#)
New features in this version: [Windows specific](#), [all platforms](#).

If you want to double-check that the package you have downloaded exactly matches the package distributed by R, you can compare the [md5sum](#) of the .exe to the [true fingerprint](#). You will need a version of md5sum for windows: both [graphical](#) and [command line versions](#) are available.

Frequently asked questions

- [How do I install R when using Windows Vista?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

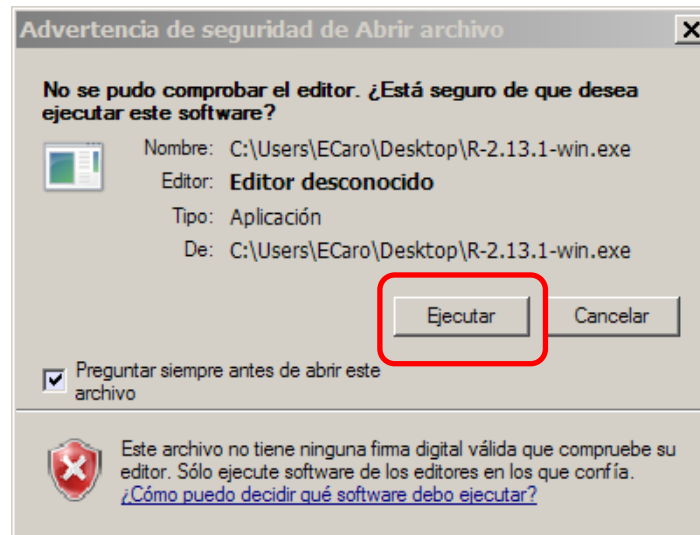
Other builds

- Patches to this release are incorporated in the [r-patched snapshot build](#).
- A build of the development version (which will eventually become the next major release of R) is available in the [r-devel snapshot build](#).
- [Previous releases](#)

Note to webmasters: A stable link which will redirect to the current Windows binary release is [<CRAN MIRROR>/bin/windows/base/release.htm](#).

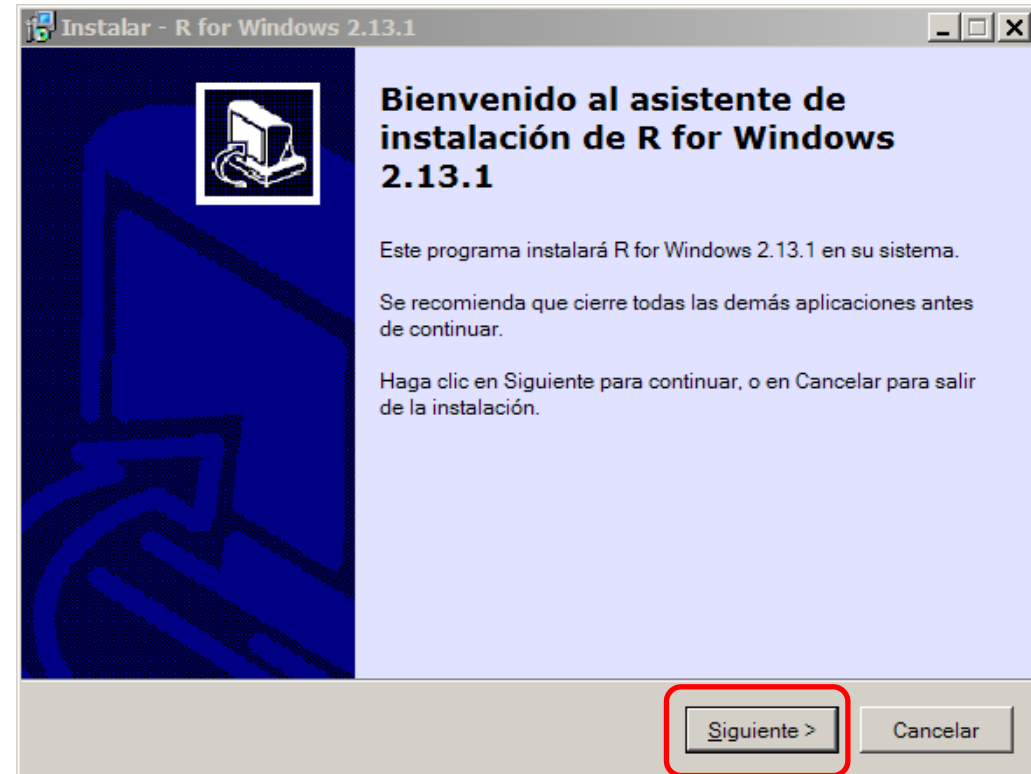
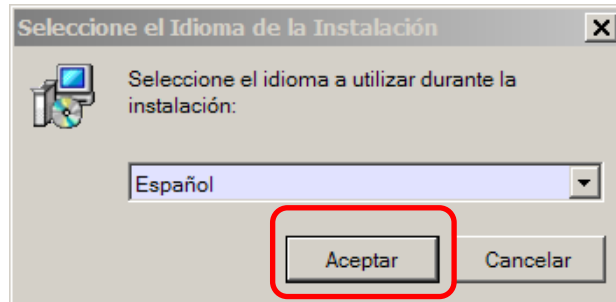
Last change: 2011-07-08, by Duncan Murdoch

7. – Pulsar «ejecutar» en el aviso de seguridad.



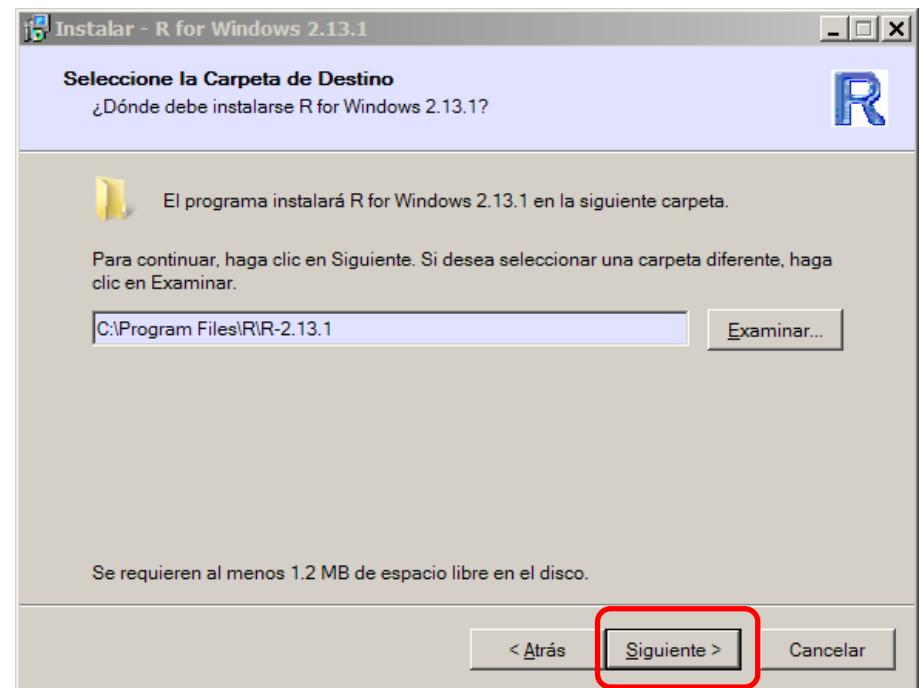
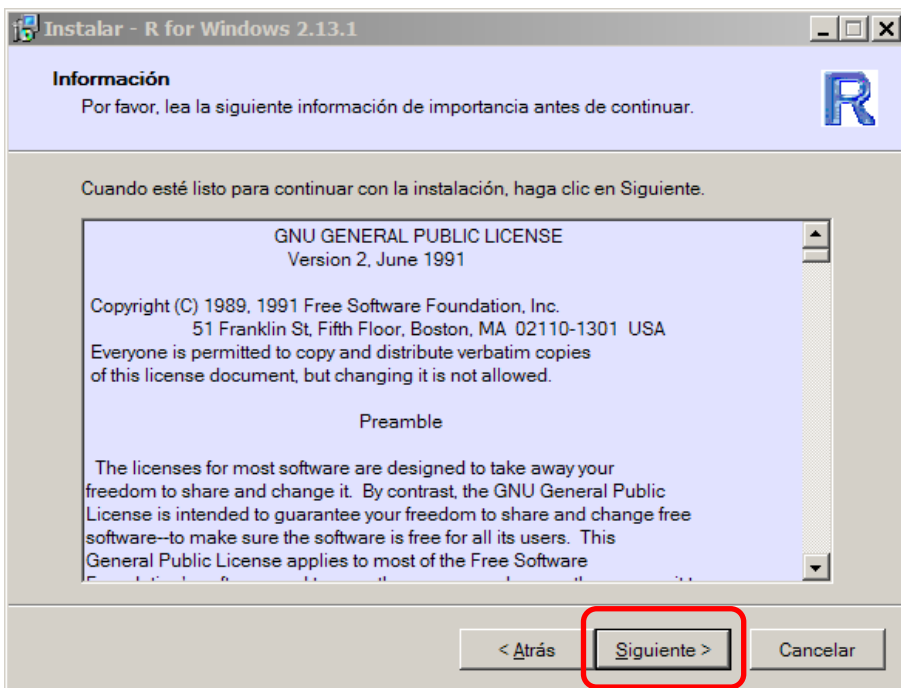
8.- Seleccionar idioma español.

9.- Pulsar «siguiente»



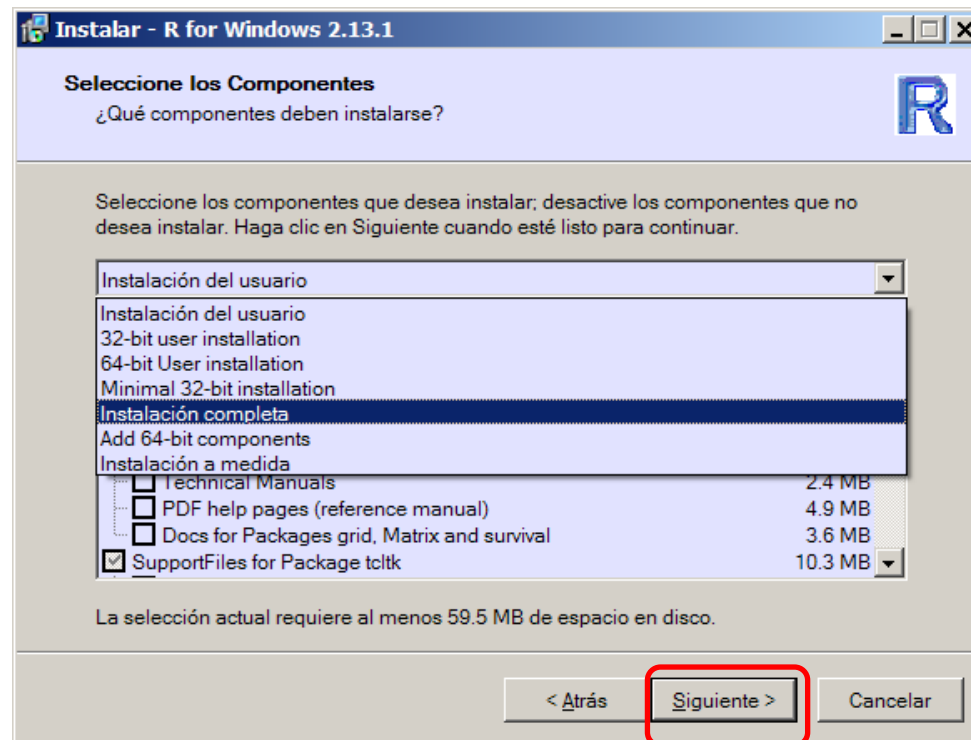
10.- Pulsar «siguiente».

11.- Pulsar «siguiente».

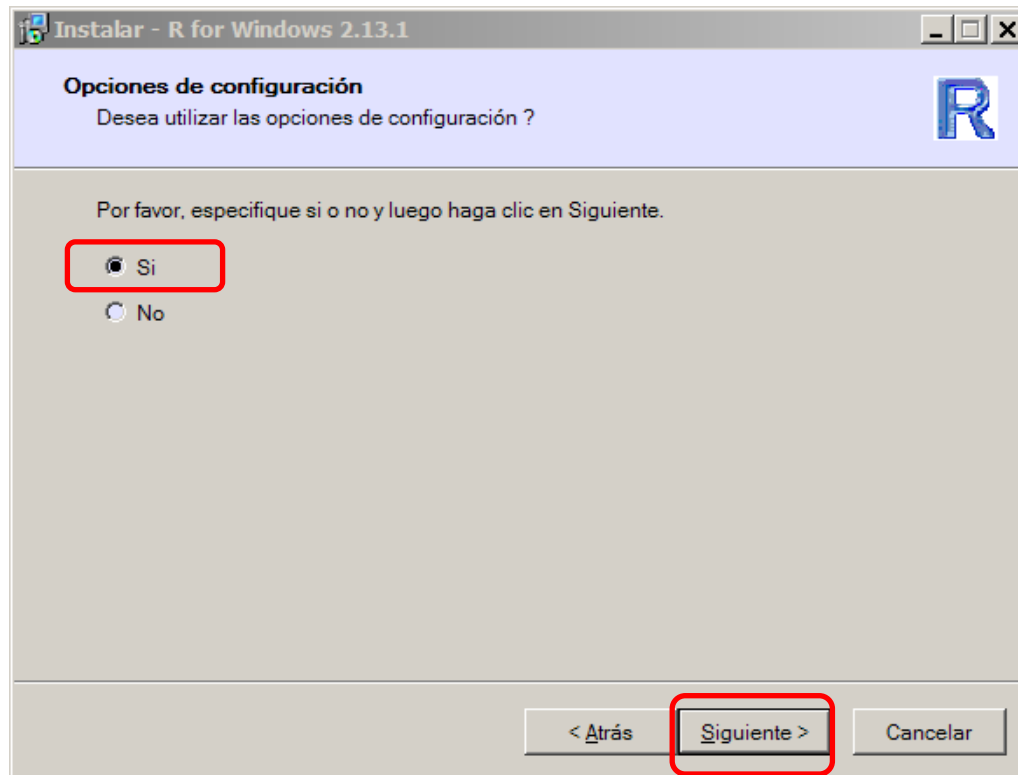


12.- Seleccionar «instalación completa».

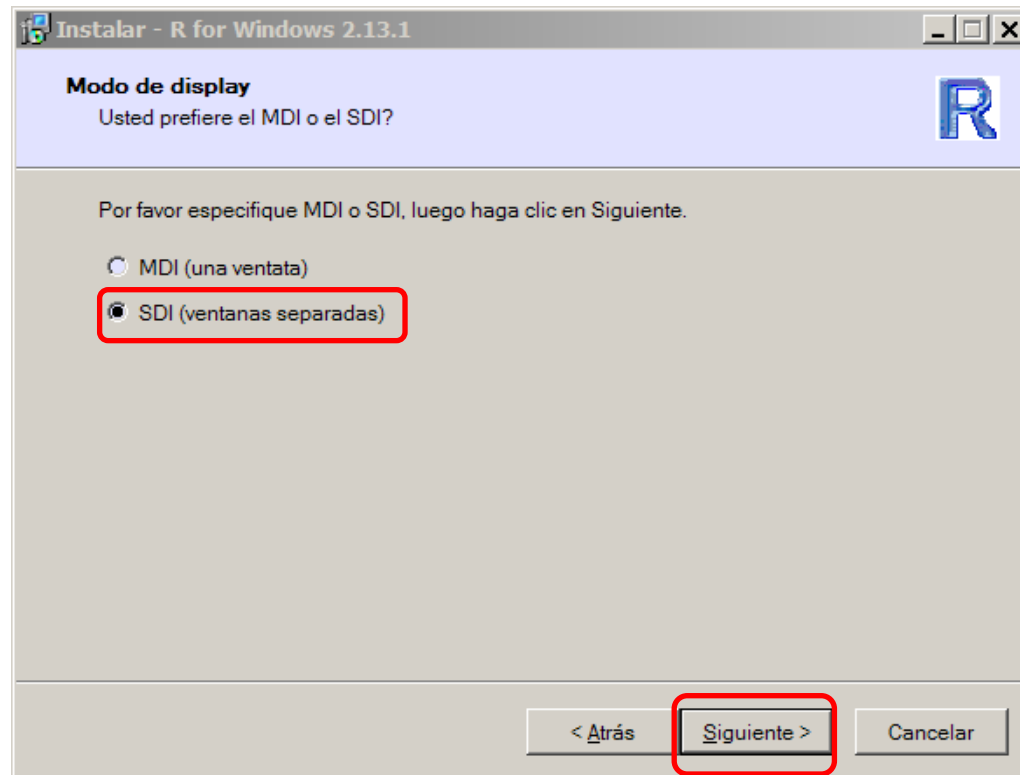
13.- Pulsar «siguiente».



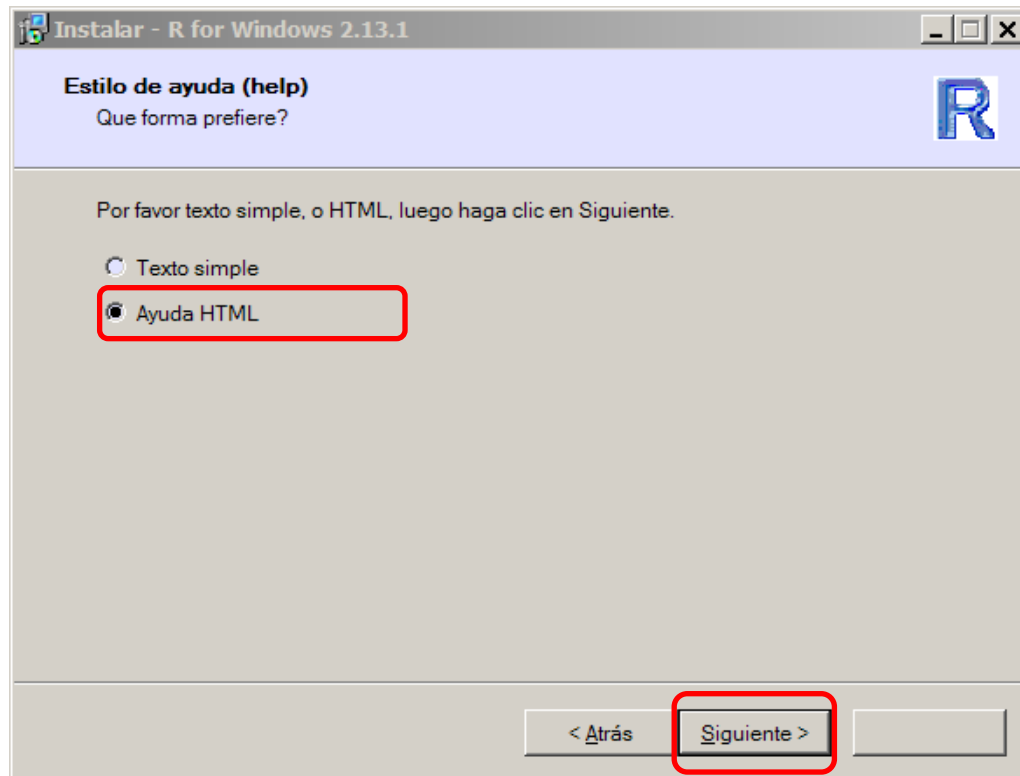
14.- Seleccionar «Sí» y «Siguiente».



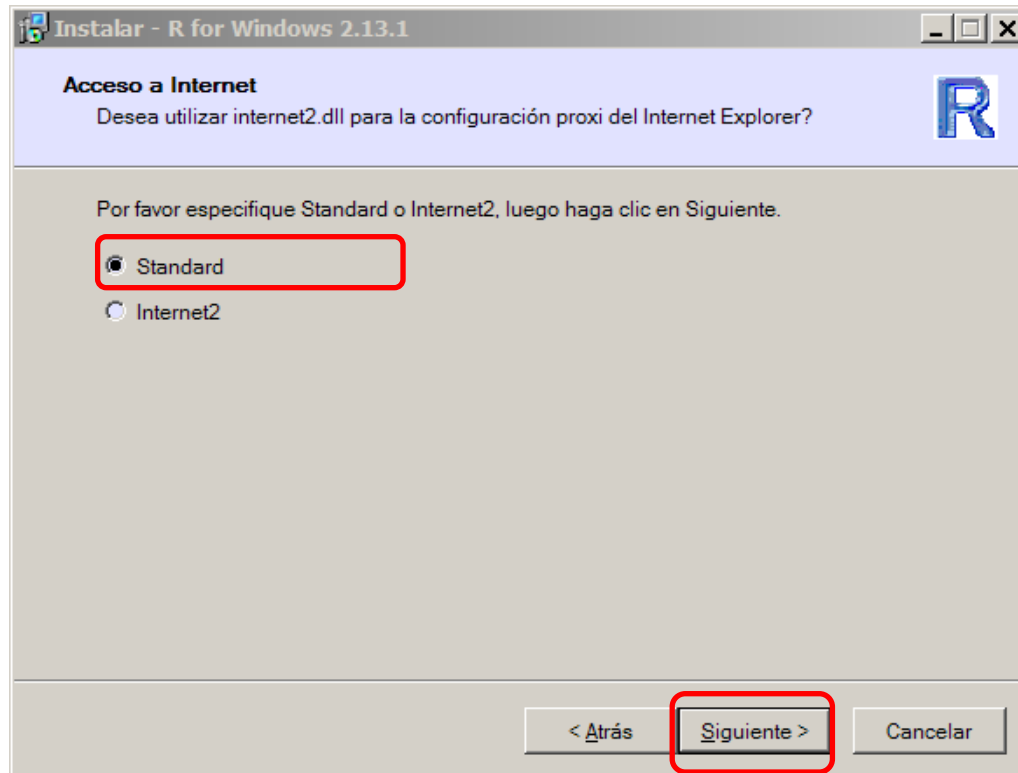
15.- Seleccionar «SDI» y «Siguiete».



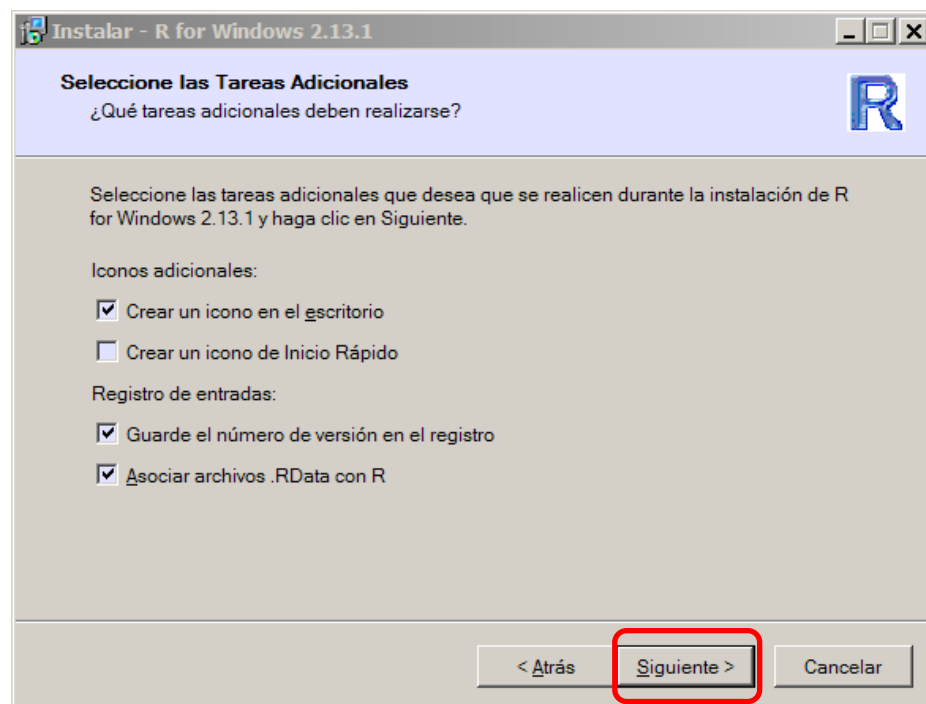
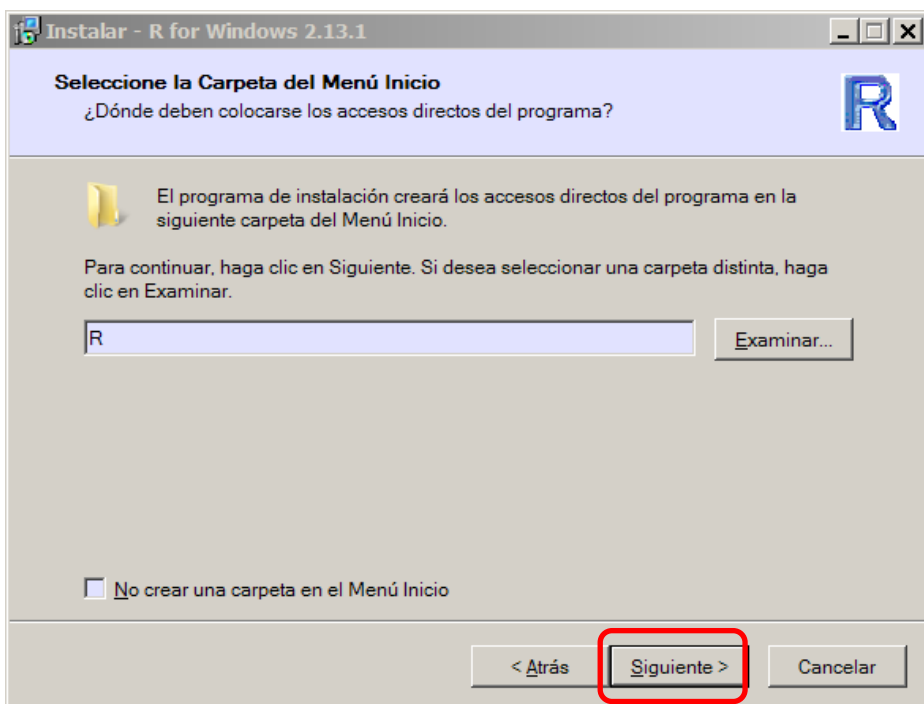
16.- Seleccionar «Ayuda HTML» y «Siguiente».



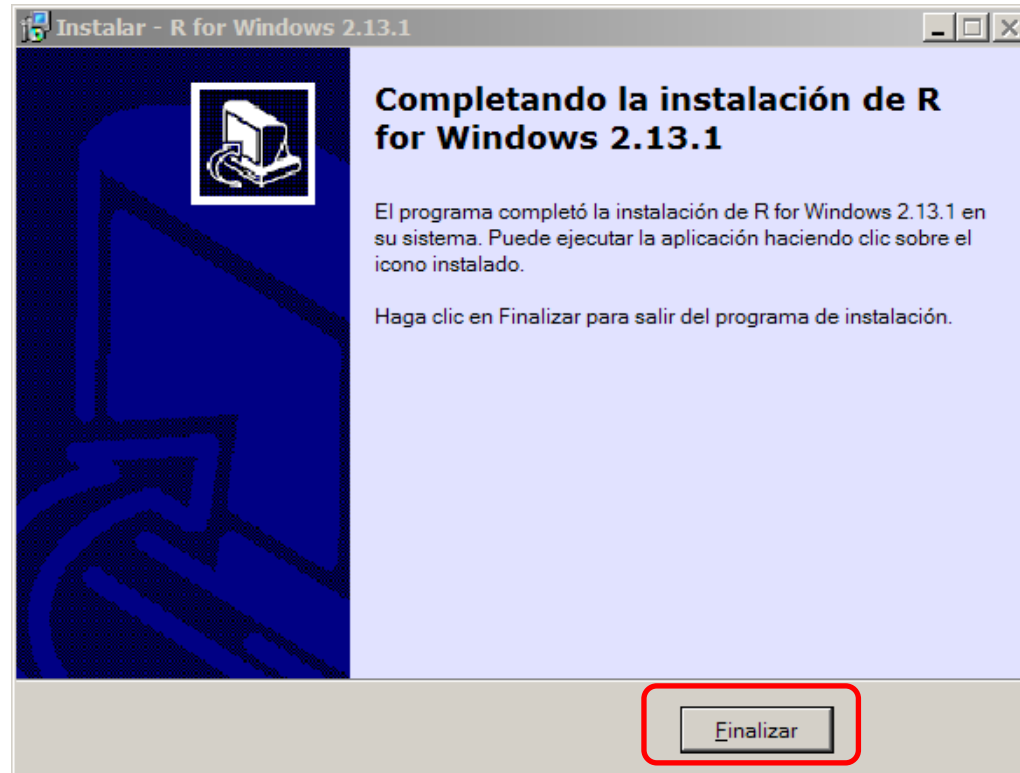
17.- Seleccionar «Standard» y «Siguiete».



18.- Seleccionar «Siguiente», «Siguiente».



18.- Pulse en «Finalizar».



Paquetes adicionales:

Instalación de **fBasics**:

1. Una vez instalado, ejecute el programa.
2. En el menú superior «Paquetes», seleccione «Instalar paquetes»
3. Si se lo pregunta, seleccione el «mirror» de España.
4. Seleccione «fBasics» y pulse OK.

Instalación de **Rcmdr**:

1. Una vez instalado, ejecute el programa.
2. En el menú superior «Paquetes», seleccione «Instalar paquetes»
3. Si se lo pregunta, seleccione el «mirror» de España.
4. Seleccione «Rcmdr» y pulse OK.

Recuerde que para cargar el paquete, ha de ir a «Cargar paquete» del menú superior «Paquetes»