

Installation instructions for the smoothtest R package for Windows users

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Preliminaries:

- We recommend using a recent version of R. The smoothtest R package is tested on $R \geq 2.7.2.$, but it is most convenient to use R version 2.9 or higher.
- The smoothtest package depends on a couple of other packages. These packages need to be installed first. When you are using a recent R version ≥ 2.9 , you will only require the `VGAM` and `minpack.lm` packages. When you are working with an older R version, two additional packages are required: `splines` and `stats4`. The official R website, however, does not support these two packages any longer.

The installation of the `VGAM` and `minpack.lm` packages:

1. start R and go to the *Packages* menu
2. select *Install Package*
3. if you have not yet set a mirror website from which the packages will be downloaded, R will ask you to select a mirror website
4. R will present a list of packages. Select the `VGAM` package. R will now install this package
5. repeat this procedure, and select now the `minpack.lm` package. R will now also install this package.

Installation of the smoothtest package:

1. copy the `.zip` file to an appropriate R package directory

2. start R and go to the menu *Packages*
3. select *install from local zip file*
4. from here you can select the smoothtest zip file. The package will now be installed.
5. type at the command line of R:
`library(smoothtest)`
R starts now loading the package. When this is finished, the package is ready to use. Try
`help(smooth.test)`
This will show the help file of the `smooth.test` function, which is one of the most important functions of the package.