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# Numerical classification

## TWINSPAN - hierarchical divisive classification

Theory **R functions** Examples Exercise 

### library (twinspanR)

I created an experimental R library `twinspanR` with the TWINSPAN algorithm - you may install it from GitHub repository (note: this library is currently in beta stage under development, and some parts may not be functional). To install any library from GitHub, you will need to first install the package `devtools` written by Hadley Wickham, which contains a set of tools for development of R packages. After installing `devtools`, use the function `install_github`. Note that the use of the library has some limitations: it can be installed only on Windows platform (since the engine of the library is based on running \*.exe file externally) and you need a permanent access to the folder where the library is installed (usually in Program Files/R/R-x.x.x/library, but could be also in some other personalized place). Without the access to this folder the function `twinspan` cannot run correctly.

For more details see my [blog post](#).

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<https://anadat-r.davidzeleny.net/> - **Analysis of community ecology data in R**

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