The segHT (“seg aitch tee”) R package contains utilities for researchers using a Segmented Hypothesis Testing protocol, as described by Miller and Ulrich (2020; doi 10.1037/met0000350). The package is under ongoing development, so is not currently available on CRAN, but the latest release can be accessed on github at <https://github.com/milleratotago/Independent_Segments_R>.

The shiny app is at <https://phaden.shinyapps.io/seght_shiny/>

There are three installation options depending on the planned use of the package:

1. **Users who only want to use the shiny app without web access.** Just download the folder segHT\_shiny\_vx.y.z.Inside that folder, double click ‘seght\_shiny.Rproj” to start RStudio, open the file ‘app.R’, and click the ‘Run App’ button.
2. **Users who want access to all the source code so they can implement simulations or other extensions of the segHT functionality** should download the package folder segHT vx.y.z. Launch the package in RStudio by double-clicking on file segHT.Rproj contained in this folder. Source files are in the R subfolder. All source files are fully commented.
3. **Users who want access to the public functions of the package but do not wish to see the source** can install the package using the R command “install.packages” in the normal way, with a slight adjustment to the arguments. The file to download depends on the configuration of the target machine:
   1. **Users who already have Rtools installed on their computer** can download the complete package folder segHT vx.y.z.x.
   2. **Users who do not have Rtools installed on their computer** should download the pre-built package file segHT\_x.x.x.tar.gz.

In both cases, to install the package into a new R project execute the commands:

install.packages(“path\_to\_file”, repos = NULL, type="source")

library(segHT)

replacing path\_to\_file with the relative path and filename of the download.

For example, if the downloaded *package folder* for version v1.2.0 is placed in the same directory as the R project folder, the installation statements would be:

path\_to\_segHT <- "..\\segHT v1.2.0"

install.packages(path\_to\_segHT, repos = NULL, type="source")

library(segHT)

Alternatively, if the downloaded *pre-built package file* for version v1.2.0 is placed in the same directory as the R project folder, the installation statements would be:

path\_to\_segHT <- "..\\segHT v1.2.0.tar.gz"

install.packages(path\_to\_segHT, repos = NULL, type="source")

library(segHT)