

Package ‘gimmeTools’

April 12, 2018

Title Supplemental Tools for the 'gimme' R Package

Version 0.1

Description Supplemental tools for the 'gimme' R package. It contains an interactive graphical user interface, allowing for the flexible specification of a variety of both basic and advanced options. It will expand to include a variety of tools for navigating output.

Imports shiny, shinyjs, rintrojs, easycsv, miniUI, shinyWidgets, rstudioapi, rhandsontable, magrittr

Depends R (>= 3.1)

License GPL-2

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

URL <https://github.com/stlane>

NeedsCompilation no

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Repository CRAN

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`gen_path_mat`*Generate path matrix from data file*

Description

Helper function to generate an empty similarity matrix based on header of individual data file

Usage

```
gen_path_mat(x, diag = T)
```

Arguments

<code>x</code>	The data file
<code>diag</code>	Whether diagonal elements should exist

Value

Empty matrix with named rows and columns corresponding to individual data files

Examples

```
gen_path_mat(data.frame(V1 = rnorm(10, 0, 1), V2 = rnorm(10, 0, 1)))
```

`gimmeGUI`*Graphical User Interface for the gimme R Package*

Description

A graphical user interface for the gimme R package. Easily facilitates the specification of directories, custom subgroups, fixed and freed paths for estimation, and various other options.

References

Lane, S.T. & Gates, K.M. (2017). Automated selection of robust individual-level structural equation models for time series data. *Structural Equation Modeling*, 24, 768-782.

Gates, K.M. & Molenaar, P.C.M. (2012). Group search algorithm recovers effective connectivity maps for individuals in homogeneous and heterogeneous samples. *NeuroImage*, 63, 310-319.

Examples

```
## Not run:  
gimmeGUI()  
  
## End(Not run)
```

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