

Package ‘hammond’

January 30, 2018

Type Package

Title Useful analysis utilities

Version 0.1.0

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Description Just some useful stuff for me

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

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hammond-package	<i>hammond: some stuff</i>
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Description

hammond: some stuff

Installation

```
devtools::install_github("david-hammond/hammond")
```

hcorr	<i>hcorr</i>
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Description

This function calculates correlations between variables

Usage

```
hcorr(df, min.pairs = 20, verbose = TRUE, filter.by.p = FALSE)
```

Arguments

df	name of dataframe to use for correlation, needs to be long format 4 column data frame: iso3c, variablename, year, value
min.pairs	minimum number of pairs to correlate
verbose	enable n and p values reporting, TRUE or FALSE
filter.by.p	Do you want to filter for significant p values?

Examples

```
#need 4 column data frame, iso3c, variablename, year, value
```

hcountrycode	<i>hcountrycode</i>
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Description

This function calculates correlations between variables

Usage

```
hcountrycode(countries = c("ALG", "ALB", "UKG", "CAN", "USA"))
```

Arguments

countries	list of countries
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Examples

```
#need 4 column data frame, iso3c, variablename, year, value
```

hfactor	<i>Factor based on order</i>
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Description

This makes a factor out of an ordered array

Usage

```
hfactor(x, y = unique(x))
```

Arguments

x	array to factorise
y	order of factors

hpack.manual	<i>create package manual</i>
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Description

This function calculates combinations for efficient correlation calculations

Usage

```
hpack.manual(pack = "hammond")
```

Arguments

pack	name of package
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hpc.change	<i>Calculate proportional change</i>
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Description

This function calculates proportional change in GPI for a country from one year to another.

Usage

```
hpc.change(all)
```

Arguments

all	the dataframe to be processed
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Value

Returns a dataframe containing the raw and annual growths in GPI for each country

hproject	<i>hcreate.project</i>
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Description

This function creates a minimal project folder structure

Usage

```
hproject(dir = getwd())
```

ipak	<i>install dependencies</i>
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Description

easy install for R packages, sourced from <https://gist.github.com/stevenworthington/3178163>

Usage

```
ipak(pkg)
```

Arguments

pkg	a string or list of packages to install
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