

Package ‘hammond’

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Type Package

Title Useful analysis utilities

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Description Just some useful stuff for me

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

R topics documented:

hammond-package	1
create.package.manual	2
factr	2
h.correlate	3
h.pc.change	3
ipak	4
Index	5

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

hammond: some stuff

Installation

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

```
create.package.manual
```

create package manual

Description

This function calculates combinations for efficient correlation calculations

Usage

```
create.package.manual(pack = "hammond")
```

Arguments

pack name of package

Examples

```
create.package.manual("hammond")
```

```
factr
```

Factor based on order

Description

This makes a factor out of an ordered array

Usage

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

Arguments

x array to factorise

Examples

```
load <- factr(x)
```

h.correlate	<i>hcorrelate</i>
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Description

This function calculates correlations between variables

Usage

```
h.correlate(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	

Examples

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

h.pc.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

```
h.pc.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

Examples

```
change <- iep.pc.change(df)
```

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.name)
```

Examples

```
ipak("tidyverse")
```

Index

*Topic **analysis-utils**

h.pc.change, [3](#)

*Topic **correlate**

h.correlate, [3](#)

*Topic **formatting**

factr, [2](#)

*Topic **utilities**

h.pc.change, [3](#)

create.package.manual, [2](#)

factr, [2](#)

h.correlate, [3](#)

h.pc.change, [3](#)

hammond (*hammond-package*), [1](#)

hammond-package, [1](#)

ipak, [4](#)