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` *hammond: some stuff*

Description

hammond: some stuff

Installation

devtoolls::install_github("david-hammond/hammond")

hcorr *hcorr*

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 *hcountrycode*

Description

This function calculates correlations between variables

Usage

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

Arguments

countries	list of countries

Examples

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

hfactor *Factor based on order*

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 *create package manual*

Description

This function calculates combinations for efficient correlation calculations

Usage

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

Arguments

pack	name of package

hpc.change *Calculate proportional change*

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

Value

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

hproject *hcreate.project*

Description

This function creates a minimal project folder structure

Usage

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

ipak *install dependencies*

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

split *Create a two factor list*

Description

Create a two factor list

Usage

```
split(df, factor1, factor2)
```

Arguments

df	name of dataframe
factor1	first factor to split on
factor2	second factor to split on

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