Package 'hammond'

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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 6.1.1

R topics documented:

`hammond-package` *hammond: some stuff*

Description

Just some useful stuff for me

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(x)
```

Arguments

countries	list of countries

Examples

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

hcountryinfo *hcountry_info*

Description

This function calculates correlations between variables

Usage

```
hcountryinfo(df, host = NULL, password = NULL)
```

Arguments

countries	list of countries

Examples

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

hcountryspelling *hcountry_spelling*

Description

This function calculates correlations between variables

Usage

```
hcountryspelling(df, host = NULL, password = NULL)
```

Arguments

countries	list of countries

Examples

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

hdb_connect *hdb_connect*

Description

This function calculates correlations between variables

Usage

```
hdb_connect(db = "postgres", port = 5432, user = "postgres", host,
  password)
```

Arguments

countries	list of countries

Examples

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

hdb_get *hdb_get*

Description

This function calculates correlations between variables

Usage

```
hdb_get(vars, host = NULL, password = NULL)
```

Arguments

countries	list of countries

Examples

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

hdb_get_toc *hdb_get_toc*

Description

This function calculates correlations between variables

Usage

```
hdb_get_toc(db = "master", host = NULL, password = NULL)
```

Arguments

countries	list of countries

Examples

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

hdb_search *hdb_search*

Description

This function calculates correlations between variables

Usage

```
hdb_search(vars, db = "master", host = NULL, password = NULL)
```

Arguments

countries	list of countries

Examples

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

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

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