Package 'gedaw'

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Type Package

Title Geostatistical package for anylysing geophysical data as compositional

Version 0.0.1

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Description

SAGA 'The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection' project is an unprecedented project which goal is to develop novel solutions to maximise the interpretation of geophysical data collected at archaeological sites. SAGA will bringing together geophysicists, archaeologists, soil scientists and other experts in geoscience in a new international alliance. The project was submitted to the highly competitive COST Actions Open Call in September 2017 and the proposal was selected by COST Association in first round. NTNU University Museum is managing the Grant and the scientific Management Committee is currently composed by 78 members from 29 countries. SAGA's website is currently under construction but constant updates on activities and other announcements can be found here as well as logged in a project in ResearchGate. SAGA will run from 26/10/2018 (kick-off meeting) until 25/10/2022.

Imports robCompositions, stats

License MIT

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

R topics documented:

clr *clr*

Description

Source: https://cran.r-project.org/web/packages/robCompositions/index.html

Usage

```
clr(x)
```

Arguments

x	dataset

Examples

```
data(iris)
clr(iris[,1:4])
biplot(clr(iris[,1:4]))
```

doclrcol *doclrcol*

Description

This function allows you to process clr transformation in columns.

Usage

```
doclrcol(a, zero = T, na = T, base = 10)
```

Arguments

a	for dim
zero	zero=T
na	na=T
base	The logarithm base is set to 10

Examples

```
doclrcol(gpr**2)
```

doclrrow *doclrrow*

Description

This function allows you to process clr transformation in rows.

Usage

```
doclrrow(a, zero = T, na = T, base = 10)
```

Arguments

a	for dim
zero	zero=T
na	na=T
base	The logarithm base is set to 10

Examples

```
doclrrow(gpr**2)
```

gmean *gmean*

Description

gmean

Usage

```
gmean(x, zero = T, na = T)
```

Arguments

x	dataset
zero	zero=Ts
na	na=T

Examples

```
gmean(gpr)
```

---

gpr *Data from gpr geophysical measurement.*

Description

Data from gpr geophysical measurement. Data from gpr geophysical measurement. Data from gpr geophysical measurement. Data from gpr geophysical measurement.

Usage

```
data(gpr)
```

Format

An object of class `"cross"`; see `read.cross`.

Source

Examples

```
data(gpr)
```

---

hello *Hello, World!*

Description

Prints 'Hello, world!'.

Usage

```
hello()
```

Examples

```
hello()
```

`nainfo` *nainfo*

Description

nainfo

Usage

```
nainfo(x)
```

Arguments

`x`	x = dataframe

Examples

```
nainfo(iris)
```

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