

Package ‘gedaw’

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Type Package

Title Geostatistical package for anylysing geophysical data as compositional

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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

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

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 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	<i>doclrrow</i>
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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	<i>gmean</i>
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Description

gmean

Usage

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

Arguments

x	dataset
zero	zero=Ts
na	na=T

Examples

```
gmean(gpr)
```

gpr	<i>Data from gpr geophysical measurement.</i>
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Description

Data from gpr geophysical measurement. 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

References

Ground Penetrating radar on wikipedia.org

Examples

data(gpr)

integerxy	<i>integerxy</i>
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Description

integerxy

Usage

integerxy(a, x = 1, y = 2)

Arguments

a a = dataframe, x = position in matrix, y = position in matrix

Examples

integerxy(iris[,1:3])

nainfo	<i>nainfo</i>
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Description

nainfo

Usage

nainfo(x)

Arguments

x x = dataframe

Examples

nainfo(iris)

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