

Package ‘DCM’

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Type Package

Version 0.1.1

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Title Data Converter Module

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Depends R(>= 3.0.0), tcltk, gWidgets

Description

Data Converter Module (DCM) converts the dataset format from split into stack and to the reverse.

Imports readxl, pander

SystemRequirements Tcl/Tk package

License GPL (>= 2)

URL <http://www.uv.mx/personal/nehuerta/dcm/>

NeedsCompilation no

Encoding UTF-8

RoxygenNote 5.0.1

Repository CRAN

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DCM

Data Converter Module

Description

Data Converter Module (DCM) converts the dataset format from split into stack and to the reverse.

You can learn more about this package at: <http://www.uv.mx/personal/nehuerta/dcm/>

Usage

DCM()

Details

The module has two functionalities STACK and SPLIT.

STACK

In this mode the package receives a matrix where the rows are typically the judges or customers that evaluate a product. The first column is the product code, the second column is the ID of the judge and the rest of the columns contain the data of the sensory attributes. The program allows replicated data.

The output of the program is a matrix of stacked data; the first column gives the product code, the second column the ID of the judge, the third column the name of the attribute and the fourth column the value provided by the judge. This matrix is given in a csv file.

SPLIT

The input for this functionality is a matrix that has four columns: Product code, ID of a judge, attribute name and data.

The output is a matrix where the rows correspond to product code-judge combination and the columns provide the sensory characteristics ordered alphabetically or not. This matrix is produced in a csv file.

In both cases stack and split, empty spaces are kept that way.

Value

DCM is a graphic interface

Author(s)

Delphi Intelligence

Examples

```
## Not run:  
##Install package  
library(DCM)  
##Call the package  
DCM()  
  
## End(Not run)
```

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