Package 'tgmMultiClass'

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Type Package		
Title Wrap functions for multi-class classification		
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Description Wrap functions for multi-class classification		
License Whatever		
Depends VGAM		
Suggests testthat		
Imports methods		
LazyLoad yes		
R topics documented:		
generateTestIndexes		
Index		
generateTestIndexes NA		
Description		
Generate indexes necessary to evaluate models		
Usage		
<pre>generateTestIndexes(dataset, target_names, type = "3way", options,)</pre>		

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Description

Standard function to be used when extracting information from objects.

Usage

```
mcGet(x, attr, ...)
```

mcGet.multiClass

Extract info from multiClass objects

Description

Extract info from multiClass objects

Usage

```
## S3 method for class multiClass mcGet(x, attr, i = NULL)
```

predict_r_vgam

multi-class prediction probability with 'vgam'

Description

 ${\tt predict_r_vgam\ apply\ vgam\ function\ to\ different\ training\ and\ test\ sets.}$

Usage

```
predict_r_vgam(data, training, validation, test, ...)
```

Arguments

data	A data.frame containing the response variable and the features used for fitting and predictions.
training	A matrix where each column contain integers that indicate which lines of 'data' will be used for training.
validation	Similar to training but contain the lines used for validation, in case there are tuning parameters.
test	Similar to training but contain the lines used for test.
	Arguments to be used in the vgam function.

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Details

Different datasets are formed from data according to the indexes contained in training, validation and test. predict_r_vgam will then train with the training and validation part of the data using vgam and output the predicted probabilities on the test sets.

Value

It returns an S3 object of class c("multiClass_vgam", "multiClass"). This object contains the predicted probabilities for each test set. See the examples to get more info about how to extract the desired info from this object.

Examples

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