Package 'BinarybalancedCut'

July 23, 2025

Type Package

Version 0.2

Title Threshold Cut Point of Probability for a Binary Classifier Model

Date 2017-09-02

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Description Allows to view the optimal probability cut-
off point at which the Sensitivity and Specificity meets and its a best way to minimize both Type-1 and Type-2 error for a binary Classifier in determining the Probability threshold.

License GPL-2

LazyData FALSE

Imports ggplot2,reshape2

Suggests knitr

NeedsCompilation no

Repository CRAN

Date/Publication 2017-09-02 17:27:38 UTC

Contents

`Binary_threshold` *This Supports the datascientist to determine the optimal threshold for binary classifier problem by visuallizing the sensitivity, specificity and accurarcy of the given model*

Description

Prints 'Chart of sensitivity & specificity'.

Usage

```
Binary_threshold(probability,class)
```

Arguments

probability	Probability Obtained from the model
class	Actual Class of the datasets

Examples

```
set.seed(100);disease <- sample(c("yes","no"), 1000, replace=TRUE);
Probabilities<-sample(seq(0,1,by=0.01),1000,replace=TRUE);
Binary_threshold(Probabilities,disease)
```

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