Package ‘BinarybalancedCut’

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

R topics documented:

Binary_threshold ................................................................. 1

Index 3

| Binary_threshold | This Supports the datascientist to determine the optimal threshold for binary classifier problem by visualizing the sensitivity, specificity and accuracy 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)
Index

Binary_threshold, 1