Package 'Modelcharts'

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Type Package

Title Classification Model Charts

Version 0.1.0

Imports dplyr,plotly,stats

Description Provides two important functions for producing Gain chart and Lift chart for any classification model.

License GPL

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LazyData true

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R topics documented:

GAIN_CHART *Functions Gain Chart*

Description

Creates a Gain chart.

Usage

```
GAIN_CHART(INPUT, Probability, cutoffs, Outcome, Event)
```

Arguments

INPUT	Input data
Probability	Probability values between zero and one
cutoffs	probability cutoffs(c(0.80,0.60,0.40,0.20,0)/c(0.5,0))
Outcome	outcome variable(target variable)
Event	outcome representation ("YES"/"Y"/"1")

Value

A gain chart

See Also

Modelcharts

Examples

```
## Not run:
# Run it and see for yourself

## End(Not run)
data.tmp<-read.csv(system.file("ext", "testdata.csv", package="Modelcharts"))
GAIN_CHART(data.tmp,data.tmp$Probability,seq(0.95,0,-0.05),data.tmp$Outcome,"Y")
```

LIFT_CHART *Functions Lift Chart*

Description

Creates a Lift chart.

Usage

```
LIFT_CHART(INPUT, Probability, cutoffs, Outcome, Event)
```

Arguments

INPUT	Input data
Probability	Probability values between zero and one
cutoffs	probability cutoffs(c(0.80,0.60,0.40,0.20,0)/c(0.5,0))
Outcome	outcome variable(target variable)
Event	outcome representation ("YES"/"Y"/"1")

Value

A lift chart

See Also

Modelcharts

Examples

```
## Not run:
# Run it and see for yourself

## End(Not run)
data.tmp<-read.csv(system.file("ext", "testdata.csv", package="Modelcharts"))
LIFT_CHART(data.tmp,data.tmp$Probability,seq(0.95,0,-0.05),data.tmp$Outcome,"Y")
```

Modelcharts *Gain Chart and Lift Chart*

Description

This Package provides two important functions for producing Gain chart and Lift chart for any classification model.

GAIN_CHART()

Creates a gain chart based on calculated probability values and actual outcome.

LIFT_CHART()

creates a lift chart based on calculated probability values and actual outcome.

See Also

GAIN_CHART, LIFT_CHART

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