Package 'Supermodular'

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Type Package

Title An R package to test Supermodular feature in a model context

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Description A routine created to identify super modular variables and observations in a dataset.

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URL https://github.com/vmoprojs/Supermodular

Repository GitHub

Encoding UTF-8

LazyData true

R topics documented:

`Supermodular` *Supermodular*

Description

Computes values of a dataframe that are supermodular

Usage

```
Supermodular(ff= NULL,nboot = 10,semilla = NULL,DF = NULL)
```

Arguments

`ff`	String; a string that represents the formula to be evauated in the model
`nboot`	Numeric; number of bootstrap iterations to obtain the probability distribution of the coefficients.
`semilla`	Numeric; seed value for the bootstrap in nboot parameter.
`DF`	data.frame; a dataframe containing the variables in the model.

Author(s)

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Examples

```
# set.seed(2539)
# ENAIsam <- ENAI[sample(1:nrow(ENAI),500),]
# save(ENAIsam, file = "ENAIsam.RData")
rm(list = ls())
library(Supermodular)
data(ENAIsam)

# ******** START: ROUTINE INFORMATION
DF <- ENAIsam
rownames(DF) <- DF$id_empresa
ff <- "iventas_prod_mercado~A3 + A5 + gr_extr + exportaprom + creada +
protect_inn + id + otros + lnum_emp_prom + fuentes_externas +
sector_manufactura + sector_servicios + sector_comercio"
nboot <- 10
semilla <- 123

# ******** END: ROUTINE INFORMATION
# ff= ff;nboot = nboot;semilla = semilla;DF = DF
Supermodular(ff= ff,nboot = nboot,semilla = semilla,DF = DF)
```

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