Package 'FitStatisticsPack'

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Title Calculating fit statistics

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Description Calculate the fit of various statistical models.

Depends R (>= 3.0.0), methods

License GPL (>= 2)

Suggests devtools

RoxygenNote 5.0.1

R topics documented:

FitStatistics   *Calculating fit statistics*

Description

Evaluate the fit of various statistical models

Usage

```
FitStatistics(y, p, r = NULL, fits)
```

Arguments

y	A numeric vector with observations
p	A matrix of predicted values
r	A numeric vector of fit statistics: RMSE, MAD, RMSLE, MAPE, MEAPE

Value

A matrix of fit statistic results of each model

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Note

Fit statistics include RMSE(root mean squared error), MAD(median absolute deviation), MEAPE(median absolute percentage error), RMSLE, and MAPE

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Examples

```
myX <- rnorm(100, 0, 1)
myY <- sample(size = 100, seq(1:1000))
p <- matrix(predict(lm(myY ~ myX), ncol=1))
r <- sample(min(myY):max(myY), 100, replace = TRUE)
FitStatistics(y=myY, p=p, r=r, fits=c("rmse", "mad", "meape"))
```

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