

Package ‘mars’

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Version 0.0.0.9123

Title What the Package Does (One Line, Title Case) ded

Authors Hello am ded, role: de role
no

References hello im a nice guy

Example try this please::

Description its mars yeyeyeye.

License GPL (>= 3)

Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.2

Imports stats

Suggests knitr,
rmarkdown,
testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

Depends R (>= 2.10)

R topics documented:

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| | |
|-------------------|--------------|
| <code>mars</code> | <i>Title</i> |
|-------------------|--------------|

Description

Title

Usage

```
mars(formula, data, control = NULL, ...)
```

Arguments

...

| | |
|---------------------------|--------------|
| <code>mars.control</code> | <i>Title</i> |
|---------------------------|--------------|

Description

Title

Usage

```
mars.control(Mmax = 2, d = 3, trace = FALSE)
```

Arguments

trace

| | |
|---------------------------|---|
| <code>predict.mars</code> | <i>Predicted values based on mars object.</i> |
|---------------------------|---|

Description

Predicted values based on mars object.

Usage

```
## S3 method for class 'mars'
predict(object, newdata, ...)
```

Arguments

| | |
|----------------------|--|
| <code>object</code> | a mars object |
| <code>newdata</code> | An optional data frame in which to look for variables with which to predict. If omitted, the fitted values are used. |
| ... | further arguments |

Value

predicted values of the response variable

See Also

Other methods: [print.mars\(\)](#), [summary.mars\(\)](#)

Examples

```
mar <- mars(y~x1+x2+x3, data=dataset)
predict(object=mar, newdata=testdata)
```

| | |
|------------|--|
| print.mars | <i>Prints out the call and coefficients of a mars object</i> |
|------------|--|

Description

Prints out the call and coefficients of a mars object

Usage

```
## S3 method for class 'mars'
print(x, ...)
```

Arguments

| | |
|-----|-------------------|
| x | a mars object |
| ... | further arguments |

See Also

Other methods: [predict.mars\(\)](#), [summary.mars\(\)](#)

Examples

```
mar <- mars(y~x1+x2+x3, data=dataset)
print(mar)
```

`summary.mars`*Produce result summaries of a mars object*

Description

Prints Call, Five-number summary, summary of hinge functions, and the coefficients of each basis function of a mars object

Usage

```
## S3 method for class 'mars'  
summary(object, ...)
```

Arguments

| | |
|---------------------|---|
| <code>object</code> | a mars object for which a summary is desired. |
| <code>...</code> | further arguments |

See Also

Other methods: [predict.mars\(\)](#), [print.mars\(\)](#)

Examples

```
mar <- mars(y~x1+x2+x3, data=dataset)  
summary(mar)
```

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