

Package: CRWRM (via r-universe)

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Title Changing the Reference Group without Re-Running the Model

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Description To re-calculate the coefficients and the standard deviation when changing the reference group.

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Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

NeedsCompilation no

Repository CRAN

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rlevel	<i>Changing the Reference Group without Re-Running the Model</i>
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Description

To re-calculate the coefficients and the standard deviation when changing the reference group.

Usage

```
rlevel(fit,var,oldrf,newrf,cl=NA)
```

Arguments

fit	Fitted model using glm, lm, glmnet or cv.glmnet
var	Vector of variable name in the model you plan to change reference
oldrf	Vector of old reference group name
newrf	Vector of new reference group name
cl	Column number of coefficient, only available when using glmnet or cv.glmnet

Details

Make sure the name of variables, name of old reference, and name of new reference much add quotation marks

Value

New estimation of coefficient with statistics and P value (no statistics and P value for glmnet and cv.glmnet)

Examples

```
# similated data
relapse <- rbinom(100,1,0.3)
BUP <- c(rep("No",61),rep("Yes",39))
Gender <-sample(c('Male', 'Female'), 100, replace=TRUE)
score <-sample(1:10,100,replace=TRUE)
model=glm(relapse~BUP+Gender+score,family="binomial")
rlevel(model,c("BUP","Gender"),c("No","Female"),c("Yes","Male"))
```

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