

Package ‘CRWRM’

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Title Changing the Reference Group without Re-Running the Model

Version 0.0.1

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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

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

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

```
# simulated 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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