betareg.r

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#!/usr/bin/r  
  
betareg <- expand.grid(A1 = 1.2, A2 = 2.3, A3 = 3.4,  
 B1 = 2.1, B2 = 2.2, B3 = 2.3,  
 C1 = 3.1, C2 = 3.2, C3 = 3.3,  
 ID = "IP mixed add ID: ",  
 Network = "Mask: sub rede",  
 Add = "Address: ")  
  
# interval value  
intervals::as.matrix(betareg$A1)

## [,1]  
## [1,] 1.2

lap1 <- c(l1 = 1, l2 = 2, l3 = 3)  
# lap 1  
lap1 + betareg$A1

## l1 l2 l3   
## 2.2 3.2 4.2

lap1 + betareg$A2

## l1 l2 l3   
## 3.3 4.3 5.3

lap1 + betareg$A3

## l1 l2 l3   
## 4.4 5.4 6.4

# gamma value express  
gamma(lap1 + betareg$A1)

## l1 l2 l3   
## 1.101802 2.423965 7.756690

gamma(lap1 + betareg$A2)

## l1 l2 l3   
## 2.683437 8.855343 38.077976

gamma(lap1 + betareg$A3)

## l1 l2 l3   
## 10.13610 44.59885 240.83378

# m sphere 1  
l4 <- betareg$A1  
mn <- t(l4)  
mn

## [,1]  
## [1,] 1.2

l4

## [1] 1.2

# type of keys   
g1 <- betareg$A1  
g2 <- betareg$A2  
# open window  
window(g1)

## [1] 1.2  
## attr(,"tsp")  
## [1] 1 1 1

attr(1.2,"g1")

## NULL

window(g2)

## [1] 2.3  
## attr(,"tsp")  
## [1] 1 1 1

attr(2.3, "g2")

## NULL

# fit top  
drop(g1)

## [1] 1.2

# narrative mean  
mean(g1 + g2)

## [1] 3.5

# range value checkup  
range(g1, na.rm = FALSE)

## [1] 1.2 1.2

# logit lap1  
  
# checkup coffee  
probit <- betareg$B1  
# log algorithm  
log(g1/(1 - g2))

## Warning in log(g1/(1 - g2)): NaNs produced

## [1] NaN

# checkup git  
ML <- path.expand(path = ".")  
  
# score LM  
LM <- languageEl(g1, ML)  
# create the class  
class(LM)

## [1] "NULL"

# residual compile pop   
# business  
residuals(LM)

## NULL

# loglik map poms  
class(NULL)

## [1] "NULL"

# summary scope  
summary(LM)

## Length Class Mode   
## 0 NULL NULL

# panoramas  
c(betareg$C2)

## [1] 3.2

# running skeleton  
  
# analysis local  
cars$speed + betareg$A1

## [1] 5.2 5.2 8.2 8.2 9.2 10.2 11.2 11.2 11.2 12.2 12.2 13.2 13.2 13.2 13.2  
## [16] 14.2 14.2 14.2 14.2 15.2 15.2 15.2 15.2 16.2 16.2 16.2 17.2 17.2 18.2 18.2  
## [31] 18.2 19.2 19.2 19.2 19.2 20.2 20.2 20.2 21.2 21.2 21.2 21.2 21.2 23.2 24.2  
## [46] 25.2 25.2 25.2 25.2 26.2

# logical template  
lrtest <- cars$speed + betareg$A1  
lrtest

## [1] 5.2 5.2 8.2 8.2 9.2 10.2 11.2 11.2 11.2 12.2 12.2 13.2 13.2 13.2 13.2  
## [16] 14.2 14.2 14.2 14.2 15.2 15.2 15.2 15.2 16.2 16.2 16.2 17.2 17.2 18.2 18.2  
## [31] 18.2 19.2 19.2 19.2 19.2 20.2 20.2 20.2 21.2 21.2 21.2 21.2 21.2 23.2 24.2  
## [46] 25.2 25.2 25.2 25.2 26.2

# formation academic compile speed running  
waldo::compare(lrtest, betareg$A1)

## `old`: 5.2 5.2 8.2 8.2 9.2 10.2 11.2 11.2 11.2 12.2 and 40 more...  
## `new`: 1.2 ...

# coef test  
coeftest <- betareg$A1  
coeftest

## [1] 1.2

# linear hypothesis  
betareg$ID

## [1] IP mixed add ID:   
## Levels: IP mixed add ID:

betareg$Network

## [1] Mask: sub rede  
## Levels: Mask: sub rede

betareg$Add

## [1] Address:   
## Levels: Address:

# party test  
partytest <- betareg$ID  
partytest

## [1] IP mixed add ID:   
## Levels: IP mixed add ID:

# beta mixed  
betamix <- betareg$Network  
betamix

## [1] Mask: sub rede  
## Levels: Mask: sub rede

# flex mixed  
flexmix <- betareg$Add  
flexmix

## [1] Address:   
## Levels: Address:

# coef value equation  
p = 15  
q = 16  
  
# product of equation  
S0 <- betareg$A1 \* p + q   
S0

## [1] 34

f = 1  
At0 <- c(1 / 2 + (f - 1) + c(t = 1, p = 15, q = 16))  
At0

## t p q   
## 1.5 15.5 16.5

# (because the term on the left-hand side is 0 ?).  
lp1sd = 0  
if (lp1sd != 0){  
 c(At0)  
} else {  
 c(lp1sd)  
}

## [1] 0

# The expansion (2.36) is a special case of a very useful expansion in an   
# orthogonal basis set.  
orth = 2.36 # very the value north  
exp(orth)

## [1] 10.59095