library(frbs)

library(haven)

library(foreign)

zz <- file.path("U:","My Documents")

gccloc <- file.path(zz,"gcc.sav")

gcc <- read.spss(gccloc)

NE=data.frame(gcc)

NE$DILEMADIRECT=as.factor(NE$DILEMADIRECT)

NEShuffled <- NE[sample(nrow(NE)),]

NEShuffled[,4] <- unclass(NEShuffled[,4])

tra.NE <- NEShuffled[1:100,]

tst.NE <- NEShuffled[101:nrow(NEShuffled),1:3]

real.NE <- matrix(NEShuffled[101:nrow(NEShuffled),4], ncol = 1)

range.data<-matrix(c(0,12,0,11,1,12), nrow=2)

method.type3 <- "GFS.GCCL"

control3 <- list(popu.size = 5, num.class = 2, num.labels = 5, persen\_cross = 0.9,

max.gen = 2, persen\_mutant = 0.3,

name="Artificial psychologist")

object3 <- frbs.learn(tra.NE, range.data, method.type3, control3)

res.test3 <- predict(object3, tst.NE)

plot(res.test3)

summary(object3)