library(GAabbreviate)

library(foreign)

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

MAloc <- file.path(zz,"MA.sav")

MA <- read.spss(MAloc)

MA <- data.frame(MA)

scales = cbind(rowSums(MA[,1:10]),

rowSums(MA[, 11:20]))

MA <- as.data.frame(sapply(MA, as.integer))

MA <- matrix(as.integer(unlist(MA)), nrow=nrow(MA))

MA\_GA = GAabbreviate(items = MA,

scales = scales,

itemCost = 0.01,

maxItems = 3,

maxiter = 1000,

run = 200,

crossVal = TRUE)

MA\_GA$measure

OnlineShopingAdiction <- which(MA\_GA$measure$key[,1]==1)

OfflineShopingAdiction <- which(MA\_GA$measure$key[,2]==1)

MA\_GA$measure$items[OnlineShopingAdiction]

MA\_GA$measure$items[OfflineShopingAdiction]

MA\_GA$measure$alpha

plot(MA\_GA)