#extracting FIES 2015

cspro.factor.type = 1

cspro.factor.create.new.variable = FALSE

# CSPro Export Factor Options:

# cspro.factor.type (0): do not use factors

# cspro.factor.type (1): factor only discrete numeric variables

# cspro.factor.type (2): factor both discrete numeric and alpha variables

# cspro.factor.create.new.variable: TRUE to add the factored variables as separate variables

f15vars <- read.fortran("D:/Users/Erwin/OneDrive - University of the Philippines/CSWCD/SD/SD 400/Dataset/FIES-LFS/2015 MERGED FILES OF FIES AND LFS/2015 MERGED FILES OF FIES AND LFS/f15vars.dat",c("I2","A18","F10","F4","I9","I9","I9","I9","F11","I9","I9","I9","I9","I9","F11","F11","I2"))

names(f15vars) <- c("w\_regn","other\_id","rfact","fsize","eainc","toinc","alcohol","tobacco","food","health","transport","communication","recreation","education","nfood","totex","pcinc\_decile")

if( cspro.factor.type != 0 ) {

if( cspro.factor.create.new.variable ) {

f15vars$w\_regn.f <- factor(f15vars$w\_regn,levels = c(13,14,1,2,3,41,42,5,6,7,8,9,10,11,12,15,16),labels = c("Region XIII - NCR","Region XIV - CAR","Region I - Ilocos Region","Region II - Cagayan Valley","Region III - Central Luzon","Region IVa - Calabarzon","Region IVb - Mimaropa","Region V - Bicol Region","Region VI - Western Visayas","Region VII - Central Visayas","Region VIII - Eastern Visayas","Region IX - Western Mindanao","Region X - Northern Mindanao","Region XI - Southern Mindanao","Region XII - Central Mindanao","Region XV - ARMM","Region XVI - CARAGA"))

} else {

f15vars$w\_regn <- factor(f15vars$w\_regn,levels = c(13,14,1,2,3,41,42,5,6,7,8,9,10,11,12,15,16),labels = c("Region XIII - NCR","Region XIV - CAR","Region I - Ilocos Region","Region II - Cagayan Valley","Region III - Central Luzon","Region IVa - Calabarzon","Region IVb - Mimaropa","Region V - Bicol Region","Region VI - Western Visayas","Region VII - Central Visayas","Region VIII - Eastern Visayas","Region IX - Western Mindanao","Region X - Northern Mindanao","Region XI - Southern Mindanao","Region XII - Central Mindanao","Region XV - ARMM","Region XVI - CARAGA"))

}

if( cspro.factor.create.new.variable ) {

f15vars$pcinc\_decile.f <- factor(f15vars$pcinc\_decile,levels = c(1,2,3,4,5,6,7,8,9,10),labels = c("First","Second","Third","Fourth","Fifth","Sixth","Seventh","Eighth","Ninth","Tenth"))

} else {

f15vars$pcinc\_decile <- factor(f15vars$pcinc\_decile,levels = c(1,2,3,4,5,6,7,8,9,10),labels = c("First","Second","Third","Fourth","Fifth","Sixth","Seventh","Eighth","Ninth","Tenth"))

}

}

rm(cspro.factor.type)

rm(cspro.factor.create.new.variable)