#creating FIES panel dataset

setwd("D:/Users/Erwin/OneDrive - University of the Philippines/CSWCD/SD/SD 400/Data Analysis")

#open id codes in FIES(year) folder

#id09\_2 is in fies merged folder

#id03sub <- data.frame(subset(id03\_4, select = w\_id))

#id06sub <- data.frame(subset(id06\_4, select = w\_id))

#id09sub <- data.frame(subset(id09\_2, select = w\_oid))

#library(writexl)

#write\_xlsx(id03sub, "D://Users//Erwin//OneDrive - University of the Philippines//CSWCD//SD//SD 400//Data Analysis//id03sub3.xlsx")

#write\_xlsx(id06sub, "D://Users//Erwin//OneDrive - University of the Philippines//CSWCD//SD//SD 400//Data Analysis//id06sub2.xlsx")

#write\_xlsx(id09sub, "D://Users//Erwin//OneDrive - University of the Philippines//CSWCD//SD//SD 400//Data Analysis//id09sub2.xlsx")

#

#options("scipen"=100, "digits"=4)

#id06 <- read.csv("id06sub2.csv", header=T, sep=",")

#fix hhid of 2k6

#head(id06)

#id06$hhid1num <- id06$hhid1\*10

#id06$hhid <- id06$hhid1num+id06$hhid2

#check class of id09 columns

#apply(id09\_2, 2, class)

#get vars from FIES year using ID

#srs\_master2 <- subset(FIES\_\_, id %in% df$id)

#Then merge

#df1 <- merge(x=id03, y = id06, by.x='hhid', by.y='hhid', fill=-9999)

#head(df1)

#nrow(df1)

#nrow(id03)

#df <- merge(x=df1, y = id09+\_2, by.x='hhid', by.y='hhid', fill=-9999)

#nrow(df)

#df0609 <- merge(x=id06\_3, y = id09\_2, by.x='w\_oid', by.y='w\_oid', fill=-9999)

#nrow(df0609)

#############################################

#read txt

#df <- read.delim("id06sub2.txt")

#my\_data <- read.table(file = "clipboard", sep = "\t", header=TRUE)

#library("readxl")

#id03 <- data.frame(read\_excel("id03sub2.xlsx"))

#id03$z <- 1

#head(id03)

#id06 <- data.frame(read\_excel("id06sub2a.xlsx"))

#id06$x <- 1

#head(id06)

#read txt

#id06 <- read.delim("id06sub2.txt")

#id06 <- read.table(file = "clipboard", sep = "\t", header=TRUE)

#id06$x <- 1

#head(id06)

#id09 <- data.frame(read\_excel("id09sub2.xlsx"))

#id09$y <- 1

#head(id09)

#remove 1st 2 digits for 06 and 09

#n\_last <- 18

#id06$hhid <- substr(id06$hhid, nchar(id06$hhid) - n\_last +1, nchar(id06$hhid))

#id09$hhid <- substr(id09$hhid, nchar(id09$hhid) - n\_last +1, nchar(id09$hhid))

################using f2k\_vars

n\_last <- 18

f2k3vars$hhid <- substr(f2k3vars$wid03, nchar(f2k3vars$wid03) - n\_last +1, nchar(f2k3vars$wid03))

f2k9vars$hhid <- f2k9vars$id09

f2k6vars$hhid <- substr(f2k6vars$wid06, nchar(f2k6vars$wid06) - n\_last +1, nchar(f2k6vars$wid06))

#i have to create hhid for f2k6, where wid06 = 16

#add W\_regn

#library(stringi)

#f2k6vars$hhid <- stri\_c(f2k6vars$w\_regn, '', f2k6vars$wid06)

######then use dplyr

#df <- join(id06, id09, by = hhid, type = "left", match = "first")

#df <- merge(x = id03$x, y = id09$y, by = "hhid")

#df1 <- merge(x=id03, y = id09, by.x='hhid', by.y='w\_oid', fill=-9999)

#head(df1)

#nrow(df1)

#nrow(id03)

#df <- merge(x=df1, y = id09, by.x='hhid', by.y='hhid', fill=-9999)

#nrow(df)

#df0609 <- merge(x=id06\_3, y = id09\_2, by.x='w\_oid', by.y='w\_oid', fill=-9999)

#nrow(df0609)

library(dplyr)

#make sure you run f2k6 from merged folder

f2k6vars <- test2k6

df1 <-inner\_join(f2k3vars, f2k9vars, by="hhid")

df2 <- inner\_join(f2k3vars, f2k6vars, by="hhid")

df <- inner\_join(df2, f2k9vars, by="hhid")

#df

#class(f2k6\_11\_23$hhid)

#table(f2k6vars$w\_regn)

#summary(df)

#df03 <- inner\_join(f2k3vars, df, by="hhid")