SPSS to R

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# Libraries

knitr::opts\_chunk$set(eval = F)

select if (HH46 = 1).

select if is SPSS version of filter for subsetting in R, based on filter(expr)

df %>% filter(var == value)

# To convert into spss to R functions  
  
  
  
compute hhweightHH48 = HH48\*hhweight.  
# df %>% mutate(hhweightHH48 = HH48 \* hhweight)  
  
variable labels total100 "Total".  
# variable labels are attribute labels  
  
  
value labels total100 100 " ".  
# value labels are just string categories assigned to coded values of a variable  
hh <- hh %>% apply\_labels(  
 nhhmem = "Number of household members",  
 WS1 = c(  
 "Tanker Truck" = 61,   
 "Cart with small tank" = 71,   
 "Bottled water [A]" = 91,   
 "Sachet water [A]" = 92,   
 "Missing" = 99),

do if any(WS1, 11, 12, 13, 14, 21, 31, 41, 51, 61, 71, 72, 91, 92) . + compute drinkingWater = 1 . else . + compute drinkingWater = 2 . end if.

# create new variable that's just using ifelse for conditional evaluation   
# based on values of var already in dataset

# ctables

ctables /vlabels variables = WS1 display = none /table total [c] + HH6 [c] + HH7 [c] + helevel [c] + ethnicity [c] + windex5 [c] by drinkingWater [c] > ws1 [c] [layerrowpct.validn,’ ’,f5.1] + total100 [s] [mean ’’ f5.1] + improvedWater [s] [mean ’’ f5.1] + nhhmem [s] [count ’’ f5.0]