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Subject: Re: merging HR and IR

Posted by [Bridgette-DHS](#) on Thu, 11 Jan 2018 13:18:42 GMT

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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

In every survey, there are some households that have no eligible women. Those will show up as cases in the merged file for which the diagnostic variable "\_merge" is different from 3. If you drop such cases, you will get as many cases as there are in the IR file. I have written lines for this kind of merge that will attach the education of the household head to the woman, and also the household-level smoking variable hv252. The wealth quintile is already in the IR file. (It is v190 in the IR file and hv270 in the HR file.)

You will have to change the paths and you will not want to reduce the variables the way I have done. Let me know if you have questions.

set more off

use e:\DHS\DHS\_data\HR\_files\IDHR63FL.dta, clear

keep hv001 hv002 hv252 hv101\* hv106\*

rename hv101\_0\* hv101\_\*

rename hv106\_0\* hv106\_\*

\* Identify the household head and the education of the household head

\* Note: It appears that in this survey the household head is always on line 1

\* but in many surveys there are some exceptions to this

gen hvidx\_hhhead=.

gen ed\_hhhead=.

local li=1

while `li'<=31 {

replace hvidx\_hhhead=`li' if hv101\_`li'==1

replace ed\_hhhead=hv106\_`li' if hv101\_`li'==1

local li=`li'+1

}

keep hv001 hv002 hv252 \*head

rename hv001 v001

rename hv002 v002

sort v001 v002

save e:\DHS\DHS\_data\scratch\temp.dta, replace

use e:\DHS\DHS\_data\IR\_files\IDIR63FL.dta, clear

keep v001 v002 v003 v106 v190 v191

sort v001 v002 v003

merge v001 v002 using e:\DHS\DHS\_data\scratch\temp.dta

tab hvidx \_merge

\* drop cases in the merge for households with no woman in the IR file  
drop if \_merge~=3  
drop \_merge

\* It may be helpful to know when the woman is in fact the household head  
gen woman\_is\_hhhead=0  
replace woman\_is\_hhhead=1 if hvidx\_hhhead==v003

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