
Subject: Re: recoding v034X (line number fo husband)

Posted by [mm4599](#) on Fri, 10 Jun 2016 13:53:58 GMT

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Hi Trevor

Thanks for the response. Yes, I am trying to create a couples file and then, after linking HIV status info, I would like to determine if couples are discordant. I am using the 2003/04 Tanzania HIV/AIDS Indicator Survey, the 2007/08 Tanzania AIDS Indicator Survey (AIS) and the 2011/12 AIS.

The v034 variable only needed to be reshaped in the 2003/04 AIS. As you suggest, after reshaping (using the following two commands: 1) `gen id = _n`; 2) `reshape long v034_, i(id) j(linenum)`), I dropped the cases where `v034x==.` and then merged this file with the original file.

My next step is to do an individual file and HIV file merge as follows

* Step 1: open AR file

use "xxAR61FL.DTA", clear

* Step 2: rename identifying variables

renvars hivclust hivnumb hivline / v001 v002 v003

* Step 3: sort by a unique identifier which I constructed from identifying variables (v001 v002 v003) as follows `uid= v001*100000 + v002*100 + v003`.

sort uid

* Step 4: save results

save "xxAR61FL_mergeprep.DTA", replace

* Step 5: open IR file

use "xxCR61FL.DTA", clear

* Step 6: sort by identifying variables

sort uid

* Step 7: merge!

merge uid using "xxAR61FL_mergeprep.DTA"

* Step 8: Complete the merge

drop if _merge==2

*Step 9: Split the merged dataset into two datasets, one for women and one for men

*Step 10: Rename the added hiv variable in the female dataset to so that it is unique for women (rename hiv03 hiv03f) and unique to men in the male dataset (rename hiv03 hiv03m)

To match couples, is the next step to merge both files into one doing the merge on v001 v002 and v034? Or do you have another suggestion?

Thanks for your assistance.

Best regards
