Subject: Couples and HIV merge in STATA
Posted by DaniD on Sun, 16 Nov 2014 00:47:03 GMT

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Hi, does anyone happen to have the code or can help with merging the couples dataset with the HIV dataset in STATA? Thank you! ---Dani

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Subject: Re: Couples and HIV merge in STATA
Posted by Trevor-DHS on Mon, 17 Nov 2014 23:22:38 GMT

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You have to do this twice. Once for women and then once for men. Here is how to merge the AR file with the CR file for women first:

```
* 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 identifying variables
sort v001 v002 v003

* 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 v001 v002 v003

* Step 7: merge!
merge v001 v002 v003 using "xxAR61FL_mergeprep.DTA"

* Step 8: Keep only women
drop if _merge==2
```

Then rename the added hiv variables to something unique for women, e.g.
rename hiv* w_hiv*
and repeat steps 1-8 above using mv003 instead of v003 throughout to merge the men's hiv test result and then finally rename the hiv variables to be for men, e.g.
rename hiv* m_hiv*

Subject: Re: Couples and HIV merge in STATA

Posted by DaniD on Tue, 18 Nov 2014 20:39:02 GMT

Thank you so much Trevor! So now I'm trying to figure out how to match the men with the women (as couples). Is there a variable that uniquely identifies partners that I can use to merge the datasets? It looks like the household number does not capture this. Thanks much!

Subject: Re: Couples and HIV merge in STATA
Posted by Trevor-DHS on Tue, 18 Nov 2014 22:20:28 GMT

If you use the Couples Recode (CR) file, they are already matched.

If you want to redo the merging use the following variables:
Women's Recode (IR) file: v001 v002 and v034 (partner's line number)
Men's Recode (MR) file: mv001 mv002 and mv003

Subject: Re: Couples and HIV merge in STATA
Posted by lberes on Mon, 11 Apr 2016 05:01:47 GMT

Thank you for this helpful code. I am wondering why drop if _merge==2 allows us to 'keep only women'. I thought that any combination of v001, v002 and v003 that came from either the couples or the HIV data could only be a woman. How does dropping that combination if it only came from the HIV dataset - and was not in the couples data set - exclude men? In other words, what does drop if _merge==2 do for us in this code? Thank you!