

Dear Trevor,

I'm back again. Your suggestions were very helpful. Now I'm able to do the merging process with understanding. However, I have some confusion on the result I'm obtaining after the merging of the data sets. As I explain myself before I'm not good at using syntax, thus I proceed the process simply using different menu buttons/just by clicking. So;

1. To merge the household (HR) data with the couple's data. I sorted using hv001,hv002,hv003 for HR and v001,v002,v003 for CR. Then after renaming hv001,hv002 = v001,v002 I merged the two data set. Saved with file name HH\_CR.sav

2. To merge couple's data with HIV data. First I used HH\_CR.sav as couple data to merge it with HIV data set. First I renamed the variables of HIV data sets for women(hivclust,hivnumb,hivline,hiv01,hiv02,hiv03,hiv05=v001, v002, v003,whiv01,whiv02,whiv03,whiv05). Then sort it. Finally merged with HH\_CR.sav using v001,v002, v003. Finally saved the file with file name HH\_CR\_WHIV.save.

3 Then using the same file, I merge/add variables for Men. I mean, in this stage first I renamed variables of HIV data set for men (hivclust,hivnumb,hivline,hiv01,hiv02,hiv03,hiv05=v001,v002, v034,mhiv01,mhiv02,mhiv03,mhiv05). Then sorted both HH\_CR\_WHIV.save and HIV files using v001,v002,v034. Finally merged using these three variables (v001,v002,v034).

Unfortunately, when I try to do the computation for HIV discordant [(whiv003=1 & mhiv003=0)|(whiv003=0 & mhiv003=1)], HIV concordant positive(whiv003=1 & mhiv003=1), Women HIV positive discordant (whiv003=1 & mhiv003=0) and Men HIV positive discordant (whiv003=0 & mhiv003=1) it is different from EDHS report. So, here are some of my concerns;

1. Did I do something wrong in the sorting and merging steps? If so, what's it? (For instance in my case HIV discordant is 2.6% whereas in DHS report it 1.1%)

2. If not, what could be the possible solution? what shall I do?

3. One more thing, is the unit of analysis will remain the same after merging such data sets? or it will be affected because of merging process?

I hope I will not take your time too much to get your assistance. I so glade to receive your kind assistance and appreciated kindly.

Best regards,

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