Subject: Problems with merging Namibia 2013 IR MR and HIV data
Posted by hannarekola on Wed, 19 Aug 2015 08:54:38 GMT
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Hello,

I am trying to merge individual recode for women and men to the HIV dataset as instructed behind the link attached.

http:// userforum.dhsprogram.com/index.php?t=msg&th=49&S=33b
528e9992e63e95e4eecb857ea4122#msg_70

I thought I already managed to do this, but frequencies of the new file do not match with those of the final report of NDHS 2013. I can not pursue with the analysis until I find out what is going wrong with the merging. Combining the data for women and men went smoothly and the frequencies of gender and age seem to match. The problem occurs when merging the HIV data.

The frequencies of the dataset I created are as follows:
Tested for HIV and interviewed 8858
Women 4984
Men 3874

In the NDHS 2013 final report frequencies are as follows:
Tested for HIV and interviewed 8858
Women 4740
Men 4118

I used the graphical user interface but the code printed to output was as follows:

```
GET
  FILE='E:\ArcMap\DATA\total.SAV'.
DATASET NAME DataSet1 WINDOW=FRONT.
GET
  FILE='E:\ArcMap\DATA\nmar61sv\hiv.sav'.
DATASET NAME DataSet2 WINDOW=FRONT.
DATASET ACTIVATE DataSet1.
SORT CASES BY HIVCLUST(A) HIVNUMB(A) HIVLINE(A)
  /OUTFILE='E:\ArcMap\DATA\total_sort.sav'.
DATASET ACTIVATE DataSet2.
SORT CASES BY HIVCLUST(A) HIVNUMB(A) HIVLINE(A)
  /OUTFILE='E:\ArcMap\DATA\hiv_sort.sav'.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='E:\ArcMap\DATA\total_hiv.sav'
  /COMPRESSED.
MATCH FILES /FILE=*
  /FILE='DataSet2'
  /BY HIVCLUST HIVNUMB HIVLINE.
```

EXECUTE.

Also here is a crosstabulation of my result:

Sex * Blood test result Crosstabulation
Count

	Blood test result		
Sex	HIV negative	HIV positive	Total
Men	3455	419	3874
Women	4170	814	4984
Total	7625	1233	8858

Could you help me find out what is going wrong?