Subject: Are the merging commands and results correct
Posted by okunloladavid on Sat, 22 Feb 2020 21:19:10 GMT
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Dear all,

Please I need your help in checking if the commands below are valid.

I am merging the IR file (in 2018 the Nigerian Demographic and Health Survey). This is because, I wanted the socio-demographics, economic characteristics and nutritional status of women (BMI) in the IR file appearing in the PR file since the PR file contains dejure and defacto respondents and should be linkable to the IR. I intend examining the relationship between maternal nutritional status and U5 children's nutritional statust (wasting, underweight etc). among others.

These are my commands:

//Preparing PR recode for merging
***Preparing women recode for merging
cd " C:\Users\USER\Documents\NG_2018_DHS_11292019_1323_116593\NGP R7ADT "
use "NGPR7AFL.DTA",clear
rename hv001 v001
rename hv002 v002
sort v001 v002 hvidx
duplicates list v001 v002 hvidx
save "C:\Users\USER\Desktop\Papers, Journals, project\Lawal\New project\PR.dta", replace

//Preparing IR recode for merging
cd " C:\Users\USER\Documents\NG_2018_DHS_11292019_1323_116593\NGI R7ADT "
use caseid v000 v001 v002 v003 v004 v131 v130 v717 v445 v106 v013 v190 v717 v025 v130 v131 v024 using "NGIR7AFL.DTA", clear
rename v003 hvidx
sort v001 v002 hvidx
duplicates list v001 v002 hvidx
save "C:\Users\USER\Desktop\Papers, Journals, project\Lawal\New project\Data 2.dta", replace

//merging IR to PR file
cd "C:\Users\USER\Desktop\Papers, Journals, project\Lawal\New project"
use "PR.dta",clear
merge 1:1 v001 v002 hvidx using "Data 2.dta"

//keeping cases (matched and unmatched)
keep if _merge==1 |_merge==3

I noticed that total observations for variables are so different.

I will be glad to hear from anyone. Thank you very much.

Subject: Re: Are the merging commands and results correct
Posted by Bridgette-DHS on Tue, 24 Mar 2020 18:18:08 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

I recommend that when you change the names of the matching variables, you consistently use EITHER the PR variable names OR the IR variable names. For example, rename hv001 v001; rename hv002 v002; rename hvidx v003. Then sort both files on v001 v002 v003. The way you did it will work but it's not as systematic.

I think the merge has worked ok. My rule of thumb is that about a quarter of the people in the PR file will be women age 15-49. That is, the cases with _merge=1 will be about 3 times as large as the cases with _merge=3. If that's what you got, you are ok.

You could consider reducing the PR file to women age 15-49, right after the "use ...PR...". This will give you both the de fact and de jure residents.

Subject: Re: Are the merging commands and results correct
Posted by okunloladavid on Thu, 08 Apr 2021 21:22:00 GMT
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Thank you very much for your response