
Subject: Merging Rwanda DHS 1992 without b16
Posted by [Sniz](#) on Fri, 19 Jan 2018 17:55:02 GMT
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Dear Colleagues,

I hope somebody can help me with the following problem. I am using both 1992 and 2000 Rwanda DHS data sets. I am investigating the implication of orphan hood on early childhood malnutrition in pre and post genocide period. There is no problem with the 2000 dataset. I have run into a problem with respect to the 1992 data. I cannot merge the PR file to the KR file because there is no b16 variable -- the child line number. Without the b16, I cannot access the orphan hood variable. To overcome this problem, I thought I could merge the PR, IR, WI and HW then reshape the merged file to have the child as the unit of analysis. I did this and I am getting a reshape error saying that "3671 of 5510 observations have duplicate i values" using the following stata code:

```
reshape long bidx_ bord_ b0_ b1_ b2_ b3_ b4_ b5_ b6_ b7_ b8_ b9_ b10_ b11_ b12_ b13_,  
i(caseid) j(bindex)
```

Can anyone help me solve this problem?

Also, when I merged the PR and IR datasets I lost the HV113 (Father alive), which is the orphanhood variable critical to my study. I notice also in the 1992 PR data there is a variable sh11 (mother alive) and sh12 (Father alive) but they are different from the respective HV111 (mother alive) and HV113 (father alive). Why?

I will greatly appreciate your help.

Here is my merging code:

```
*****Merging Individual (IR) Record with Wealth Index****
```

```
use "RWIR21FL.DTA", clear  
gen whhid=substr(caseid,1,12)  
sort whhid  
save "temp1"  
merge whhid using "RWWI21FL.DTA"  
keep if _merge==3  
drop _merge  
save " RWIR&WI.DTA", replace
```

```
*****Merging PR, IR and WI*****
```

```
*Preparing IR & WI
```

```
use "RWIR21FL.DTA", clear  
sort v001 v002 v003  
save "RWIR&WITEMP.DTA", replace
```

```
*Preparing PR file
```

```
use "RWPR21FL.DTA", clear
```

```
gen v001=hv001  
gen v002=hv002  
gen v003=hvidx  
sort v001 v002 v003
```

```
merge v001 v002 v003 using "RWIR&WITEMP.DTA"  
keep if _merge==3  
drop _merge  
save "RWPR&IR&WI.DTA", replace
```

****Merging PR, IR, WI and HW Last part of the merging****

```
* rename variables and sort data for merging  
use "RWHW21FL.DTA", clear //Height and Weight Dataset  
ren hwcaseid caseid  
sort caseid  
save "RWHWTEMP.DTA", replace
```

```
* Sort the PR, IR and WI data and then merge  
use "RWPR&IR&WI.DTA", clear //file containing PR, IR, and WI  
sort caseid  
merge caseid using "RWHWTEMP.DTA"  
keep if _merge==3  
drop _merge  
save "RWPR&IR&WI&HW.DTA", replace
```