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Subject: merging wealth index from Ethiopia DHS 2000 to women's file

Posted by [alex](#) on Wed, 20 Mar 2013 04:22:35 GMT

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Hello!

I could not figure out how to generate the id variable for merging women's data with that of the wealth index data in Ethiopia DHS 2000. There is no explanation associated with the wealth file. I tried to convert v001, v002, and v003 into concatenated binary string combinations trying to create an id variable with resemblance to the whhid in the wealth file, but to no avail. Could anyone suggest how to create the id variable in the women's data in preparation for the merge process? I am using STATA.

Many thanks,

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file

Posted by [Bridgette-DHS](#) on Fri, 22 Mar 2013 17:47:09 GMT

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Attached is a response from one of our STATA experts Tom Pullum, that should answer your question.

I hope this helps.

Bridgette-DHS

#### File Attachments

1) [Merge\\_WI\\_onto\\_IR\\_do.txt](#), downloaded 2162 times

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file

Posted by [alex](#) on Mon, 25 Mar 2013 11:39:29 GMT

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Many thanks Bridgette,

It helps!

Alex

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file

Posted by [Bridgette-DHS](#) on Mon, 25 Mar 2013 12:29:45 GMT

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You are welcome.

Bridgette-DHS

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file  
Posted by [cdt\\_8289](#) on Mon, 29 Jul 2013 18:57:44 GMT

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I'm attempting to do something similar: merge the 2000 Ethiopia wealth index into the men's questionnaire using SPSS. I'm unfamiliar with Stata and cannot follow the previous response. Any assistance would be greatly appreciated!

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file  
Posted by [Bridgette-DHS](#) on Mon, 12 Aug 2013 16:21:18 GMT

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Following is an example syntax for merging the wealth index with the women. You can use this, and just change the women's variable names to the men's variable names.

```
GET
```

```
FILE='C:\et\ETWI41FL.SAV'.
```

```
SORT CASES BY
```

```
whhid (A) .
```

```
SAVE OUTFILE='C:\et\wisort.sav'
```

```
/RENAME(WHHID=
```

```
HHID)
```

```
/COMPRESSED.
```

```
GET
```

```
FILE='C:\et\ETIR41FL.SAV'.
```

```
STRING hhid (A12).
```

```
COMPUTE hhid = SUBSTR(caseid,1,12) .
```

```
VARIABLE LABELS hhid 'hhid' .
```

```
EXECUTE .
```

```
SORT CASES BY
```

```
hhid (A) .
```

```
SAVE OUTFILE='C:\et\WOMENSORT.SAV'
```

```
/COMPRESSED.
```

```
MATCH FILES /FILE=*
```

```
/TABLE='C:\et\wisort.sav'
```

```
/BY hhid.
```

```
EXECUTE.
```

```
SAVE OUTFILE='C:\et\WI_IR.SAV'
```

```
/COMPRESSED.
```

```
COMPUTE wt = v005 / 1000000 .
EXECUTE .
WEIGHT
  BY wt .
```

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file  
Posted by [Markos Mezmur](#) on Thu, 26 Mar 2015 09:22:54 GMT  
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Dear sir/madam,

I am trying to merge wealth index data file with individual women's data file in the 2000 Ethiopian DHS but I couldn't figure out how to do that. I also tried the syntax language posted below but I am having a difficulty to merge the files. I am using IBM SPSS version 22. any help is appreciated.

Thank you

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file  
Posted by [Trevor-DHS](#) on Sat, 11 Apr 2015 21:43:51 GMT  
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Try the following:

- \* Open wealth index data file.

```
get file="ETWI41FL.SAV".
```

- \* Sort cases by ID.

```
sort cases by WHHID.
```

- \* Save the sorted wealth index data file.

```
save outfile="ETWI41FL.SAV".
```

- \* Open women's recode file.

```
get file="ETIR41FL.SAV".
```

- \* Create matching ID variable.

```
string WHHID (A12).
```

```
compute WHHID = substr(CASEID, 1, 12).
```

- \* Sort cases by ID.

```
sort cases by CASEID.
```

- \* Match files wealth index data to individual recode data.

```
match files /file=*
```

```
  /table="ETWI41FL.SAV"
```

```
  /by WHHID.
```

```
execute.
```

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file

Posted by [acp49](#) on Tue, 17 Oct 2017 19:58:22 GMT

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I have recently used the "Merge\_WI\_onto\_IR\_do.txt" attachment posted on the "Re: merging wealth index from Ethiopia DHS 2000 to women's file" chain on 22 March 2013 to merge children's and wealth index data sets for certain countries. However, for the Burkina Faso 1998 data set, the cluster and household ID numbers in the children's data set do not line up with the numbers being reported in the "whhid" variable in the wealth index data set.

For the children's data set, the range for cluster ID (v001) is [1,210] and the range for household ID (v002) is [1,40]. For reference, the first part of the code listed in the provided attachment:

- \* whhid has 12 characters but we need to figure out how to use them
- \* which part is cluster id and which part is household id?

```
gen str1 c1=substr(whhid,1,1)
gen str1 c2=substr(whhid,2,1)
gen str1 c3=substr(whhid,3,1)
gen str1 c4=substr(whhid,4,1)
gen str1 c5=substr(whhid,5,1)
gen str1 c6=substr(whhid,6,1)
gen str1 c7=substr(whhid,7,1)
gen str1 c8=substr(whhid,8,1)
gen str1 c9=substr(whhid,9,1)
gen str1 c10=substr(whhid,10,1)
gen str1 c11=substr(whhid,11,1)
gen str1 c12=substr(whhid,12,1)
```

However, the returned values from this code do not match up with these cluster and household ID ranges. I have tried parsing in several different ways. Strings c1,c2,c3,c4 are empty. Then the ranges for the remaining strings are: c5 [1,2]; c6 [0,9]; c7 [0,9]; c8 [1,7]; c9 [0,9]; c10 [0,9]; c11 [1,2]; c12 [0,9]. Therefore, c5,c6,c7 is clearly the cluster ID variable, but the remaining numbers do not match the household ID or other types of ID variables.

Would it be possible to receive further assistance with determining the relevant ID variable(s) to properly merge the children's and wealth index data sets for Burkina Faso 1998?

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file

Posted by [Trevor-DHS](#) on Tue, 17 Oct 2017 22:16:09 GMT

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The wealth index file for the Burkina Faso 1998 survey does not match to v001 and v002. Instead the variables match to the variables sdepart (departement) sconcess (concession) and snumber (household number within concession). You could extract the equivalents of these variables as follows:

```
gen str3 wdepart=substr(whhid,5,3)
```

```
gen str3 wconcess=substr(whhid,8,3)
gen str2 wnumber=substr(whhid,11,2)
destring wdepart, gen(sdepart)
destring wconcess, gen(sconcess)
destring wnumber, gen(snumber)
drop wdepart wconcess wnumber
```

However, a much simpler method is just to create whhid in the children's dataset and to merge the wealth index file to the children's dataset using:

```
gen str12 whhid=substr(caseid,1,12)
merge m:1 whhid using BFWI31FL.dta
```

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file  
Posted by [Bridgette-DHS](#) on Wed, 18 Oct 2017 12:34:29 GMT

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Another response from one of our STATA experts, Tom Pullum:

If you look at hhid in BFWI31FL.dta and compare it with caseid in BFBR31FL.dta, you will see that hhid matches the first 12 (out of 15) characters in caseid. (The last 3 characters in caseid are a blank and the mother's line number). The following lines will do the merge if you change the paths to the data files. I am using an old version of the merge command, which I prefer.

```
use e:\DHS\DHS_data\BR_files\BFBR31FL.dta, clear
gen hhid=substr(caseid,1,12)
sort hhid
save e:\DHS\DHS_data\scratch\temp.dta, replace

use e:\DHS\DHS_data\WI_files\BFWI31FL.dta, clear
rename whhid hhid
sort hhid
merge hhid using e:\DHS\DHS_data\scratch\temp.dta
tab _merge
keep if _merge==3
drop _merge
```

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Subject: Re: merging wealth index from Ethiopia DHS 2000 to women's file  
Posted by [Hassen](#) on Sat, 05 May 2018 11:11:25 GMT

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Thank you very much!!