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Subject: Migration and fertility

Posted by [Saima](#) on Tue, 03 Nov 2015 16:23:13 GMT

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Hello all,

I am using Pakistan Demographic Health Survey 2012-13 to see fertility differentials in migrant and non-migrant households. To this, I am looking at children ever born as completed fertility measure. However, children ever born is an individual level variable whereas migration questions are at household level. Please guide me how to solve this problem.

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Subject: Re: Migration and fertility

Posted by [Liz-DHS](#) on Wed, 04 Nov 2015 13:48:26 GMT

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Dear User,

Here is a reply from data processing expert, Mr. Nouredine Abderrahim,

Quote:

Questions on migration starting from question 22 are household members related questions. Among these members are individuals who were interviewed and others who were not interviewed. Both populations are identified by their household identification and their number in the household schedule. The kids' file contains only kids whose mothers were interviewed. These kids are all identified by their sequential number in their mother's birth history and some of them by their number in the households schedule. Depending on what population target you are addressing, you will be using either their identification in the household and the file you will be using is the persons file (id is HHID and HVIDX). Kids are identified by their mothers identification CASEID which is HHID and HVIDX, and their ID which is BIDX.

Thank you!

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Subject: Re: Migration and fertility

Posted by [Saima](#) on Thu, 05 Nov 2015 16:59:39 GMT

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Thanks for your response but I fear that I did not get it. I am using women file for the information on children ever born to women and the person file to extract information on migration. From your response I get confused that probably I am not using the correct file. Is it?

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Subject: Re: Migration and fertility

Posted by [Liz-DHS](#) on Thu, 19 Nov 2015 14:04:13 GMT

Dear User,

Data processing expert, Mr. Nouredine Abderrahim replied:

Quote: You are using the right file (women) as you are looking at the mother's fertility which is not related to children's data. All I've wanted to say in my previous email is that depending on the population target, you will have to deal with the population differently.

Thank you!

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Subject: Re: Migration and fertility

Posted by [Liz-DHS](#) on Wed, 09 Dec 2015 19:16:56 GMT

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Dear User,

Do you still need assistance with this post?

Thank you!

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Subject: Re: Migration and fertility

Posted by [zainab](#) on Mon, 18 Jul 2016 10:40:45 GMT

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Hi

I am using the same dataset for my analysis. I would like to know if it is possible to figure out the relationship of mother (from women file) to the migrant member of the household?

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Subject: Re: Migration and fertility

Posted by [Liz-DHS](#) on Fri, 29 Jul 2016 17:44:30 GMT

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Dear User,

Assuming you are using Pakistan DHS 2012-13, here is a response from Dr. Tom Pullum:

Quote:

In this survey, out-migrants are described in a limited way in the HR file with variables sh27, sh29, sh30m, sh20y, sh31, sh32, sh33u, sh33n. Those variables are indexed with \_01, etc. There is no additional information about out-migrants and they cannot be linked to anyone in the household. These variables and cases do not appear in the PR file or any file other than the HR file.

In-migrants are people who were born elsewhere, that is, cases in the PR file with sh22=0. They also have variables sh22, sh23u, sh23n, sh24, and sh25. In-migrants CAN be linked to other members of the household and they will be in the IR file if they are women age 15-49 and de facto residents.

You say "I am using women file for the information on children ever born to women and the

person file to extract information on migration." I don't quite understand this. However, you can merge the IR and PR files and then you will have sh22 for the woman and you can see whether v201 is related to sh22. Here are the lines to do the merge (but you must change the paths):

```
set more off
use e:\DHS\DHS_data\IR_files\PKIR61FL.dta, clear
rename v001 hv001
rename v002 hv002
rename v003 hvidx
sort hv001 hv002 hvidx
save e:\DHS\DHS_data\scratch\PKtemp.dta, replace

use e:\DHS\DHS_data\PR_files\PKPR61FL.dta, clear
sort hv001 hv002 hvidx
merge hv001 hv002 hvidx using e:\DHS\DHS_data\scratch\PKtemp.dta

tab _merge sh22,m
keep if _merge==3
```

Then look at how sh22 relates to measures of fertility.