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Subject: weighting data

Posted by [jn2255](#) on Wed, 11 Sep 2013 18:38:47 GMT

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Hi,

What is the appropriate stata command for weighting the Bangladesh 2007 data? I want to weight the child recode file but cant figure out what is the appropriate strata variable for that dataset.

Also, if I use the svyset command at the beginning of using the dataset, must I repeatedly specify "svy" in every subsequent stata command in which I wish for stata to treat it like a population instead of subsample?

Thanks.

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Subject: Re: weighting data

Posted by [Trevor-DHS](#) on Sun, 23 Feb 2014 22:45:02 GMT

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1) You can use the following to set up your survey design, stratification and weighting:

```
gen psu=v021
gen strata=v023
gen weight=v005/1000000
svyset psu [pweight=weight], strata(strata)
```

Note that the strata can vary from survey to survey and may not always be v023. In many surveys the strata are urban and rural areas within each region and can be produced with `egen strata = group(v024 v025), label`

However, for the Bangladesh 2007 this would be incorrect as the strata are not just urban and rural areas in each region. See Appendix A of most final reports for information on the stratum used in selecting the sample. In this survey, v023 contains the 22 strata used for the stratification of the sample.

2) Yes, you should use svy in the subsequent commands.

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Subject: Re: weighting data

Posted by [lhuri](#) on Sun, 21 Dec 2014 10:46:13 GMT

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Dear all,

I'd like to know which variables in special DHS (I'm working on Indonesia Adolescent Reproductive Health) to use for weighting purpose.

Because I notice that they are different from those of standard DHS. I find "v0005" equal to "aweight" in special DHS. But I'm not sure the equal variables for PSU and strata. Does anyone here ever use special DHS dataset and know how to properly use sample weights?

Thank you,  
Lhuri

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Subject: Re: weighting data  
Posted by [Trevor-DHS](#) on Fri, 26 Dec 2014 16:21:12 GMT  
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```
gen psu=acluster
egen strata=group(aprov atype)
gen weight=aweight/1000000
svyset psu [pweight=weight], strata(strata)
```

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Subject: Re: weighting data  
Posted by [Alfi Lailiyah](#) on Thu, 26 May 2016 07:29:31 GMT  
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Dear All

I am using BR and MR data, to know the factors related to pneumonia. Which weight must I use? BR's weight or MR's weight? The variable in MR that I need is smoking status of father

Thank you,

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Subject: Re: weighting data  
Posted by [Bridgette-DHS](#) on Mon, 06 Jun 2016 12:09:58 GMT  
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Following is a response from Senior DHS Data Processing Specialist, Nouredine Abderrahim:

The use of sample weights is described on the DHS program website. Follow the link below and check "Step 7":

[https://www.dhsprogram.com/data/Using-DataSets-for-Analysis.cfm#CP\\_JUMP\\_14042](https://www.dhsprogram.com/data/Using-DataSets-for-Analysis.cfm#CP_JUMP_14042)

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