
Subject: stratification, sample weights and clustering in pooled ata

Posted by [pramesh](#) on Wed, 29 Aug 2018 00:51:36 GMT

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Hi,

I am trying to do the analysis by pooling NDHS for the year 2006, 2011, and 2016.

Since I was looking at the data, i found similar sampling stratification used in 2001, 2006, and 2011. However, in 2016 this has been changed.

Since my analyses is pooled NDHS 2001-2016, i want to know if my coding for taking (stratification, sample weights and clustering) into account in the pooled dataset is correct. Below is the coding i have used:

```
gen weight = v005 / 1000000  
egen stratid = group (region v102), label  
egen wave_psu = group (v001), label  
svyset wave_psu [pweight=weight], strata(stratid)
```

Thak you for your help.

P

Subject: Re: stratification, sample weights and clustering in pooled ata

Posted by [Liz-DHS](#) on Wed, 29 Aug 2018 13:26:24 GMT

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Dear User, you are referring to Nepal?

Subject: Re: stratification, sample weights and clustering in pooled ata

Posted by [pramesh](#) on Wed, 29 Aug 2018 19:13:23 GMT

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Dear Liz,

Sorry I did not mention it before. Yes, this is for Nepal.

Thank you.

Subject: Re: stratification, sample weights and clustering in pooled ata

Posted by [Liz-DHS](#) on Tue, 04 Sep 2018 16:30:53 GMT

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A response from Senior Sampling expert, Dr. Mahmoud Elkasabi:

Quote:

I assume the user is interested in pooling the data to explore data trends where every survey is represented as one point. In this case, you can use v023 as stratification variable; the variable is coded to reflect the correct stratification in each survey.

Best,
Mahmoud
