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Subject: stset for survival analysis for complex survey in IR files using Stata

Posted by [Mercysh](#) on Tue, 10 Jan 2017 09:51:53 GMT

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I have a question on using stset for survival analysis for complex survey in IR files using Stata  
I have pooled 7 datasets- for Malawi, Zimbabwe, Zambia, Namibia, Swaziland, Zambia and Lesotho.

Following posts on the forum I have done the following:

for each country

```
generate weight = v005/10000000 * (population aged 15-49/sample population)
```

```
egen stratumid=group(country v023)(slightly different for Swaziland and Malawi in which strata is not v023)
```

after appending datasets I run the code

```
svyset [pweight=weight], strata(stratumid) vce(linearized) singleunit(centered)
```

However, when I run the model svy, subpop(...): stcox ....

I get error message the stset ID variable is not nested within the final stage sampling units

The Id variable is

```
stset time, failure(sexual_debut==1)id(caseid)
```

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Subject: Re: stset for survival analysis for complex survey in IR files using Stata

Posted by [Bridgette-DHS](#) on Tue, 10 Jan 2017 16:13:37 GMT

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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

Quote:Although you are using DHS data, this is really a question about Stata syntax. It goes beyond the scope of this forum and our own experience. We suggest that you ask this question on the Stata users forum.

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