
Subject: Stratum with single sampling unit error
Posted by [AnvitaDixit](#) on Tue, 20 Jun 2017 18:56:21 GMT
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Hi! How are can solve the error of "Missing test statistics because of stratum with single sampling unit." ??

I am using Nigeria DHS 2013 to get crosstabs and associations with chi square and p values.

I tried to follow this, but not able to follow the same for DHS:
<http://www.stata.com/support/faqs/statistics/stratum-with-on e-psu/>

Thanks!!

Subject: Re: Stratum with single sampling unit error
Posted by [Bridgette-DHS](#) on Tue, 20 Jun 2017 20:42:55 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

This situation has been described in earlier forum posts. You need to define a stratum variable. You then include the "singleunit()" option in svyset. There are three possibilities for what goes between the parentheses. I have checked and they all give similar results. I usually use "centered". Here are the three possibilities:

```
svyset v021 [pweight=v005], strata(strata) singleunit(centered)
svyset v021 [pweight=v005], strata(strata) singleunit(scaled)
svyset v021 [pweight=v005], strata(strata) singleunit(certainty)
```

Subject: Re: Stratum with single sampling unit error
Posted by [AnvitaDixit](#) on Tue, 20 Jun 2017 20:45:09 GMT
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Would this be same as merging the PSU in another stratum? Or is the centering option better for calculating variance?

Thank you!

Subject: Re: Stratum with single sampling unit error
Posted by [Bridgette-DHS](#) on Wed, 21 Jun 2017 12:39:50 GMT
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A response from Senior DHS Stata Specialist, Tom Pullum:

Frankly, I don't know how these options work.
