Understanding Society User Support - Support #504

Svy Commands on Stata

02/15/2016 03:23 PM - Alex Best

Status:	Closed	**Start date:**	02/15/2016
Priority:	Urgent	**% Done:**	100%
Assignee:	Alex Best		
Category:			

Description

Hi there,

I am using Wave C in my dissertation and I've read that because Understanding Society's Dataset is so complex, I need to use svy commands on stata to account for this. However, when I do this, I get no standard errors, t values, p values, or confidence intervals. I have used the following command:

svyset c_psu [pweight=c_indscub_xw], strata(c_strata)

and then I put svy: reg y x1 x2
However, it doesn't work and I am not sure why.
Note: 87 strata omitted because they contain no population members.
Note: Missing standard errors because of stratum with single sampling unit.

Does the above mean I need to do this:
svyset c_psu [pweight=c_indscub_xw], strata(c_strata) singleunit(scaled)
then drop alll 87 strata that have been omitted and then do my regressions by putting svy: first??

Thanks in advance,

Alex

Underneath the regression table it says the following:

History

#1 - 02/16/2016 08:49 AM - Alita Nandi

- Assignee set to Alex Best

- % Done changed from 0 to 90

Hello Alex,

Yes use:
svyset c_psu [pweight=c_indscub_xw], strata(c_strata) singleunit(scaled)
svy: reg y x1 x2
But you don't need to drop any strata.

Please take a look at the online course, in particular the worksheet on weights and survey design where this issue of single PSU strata is discussed.:
https://www.understandingsociety.ac.uk/documentation/training/online/introduction-course

Best wishes,
Alita

#2 - 02/29/2016 02:22 PM - Victoria Nolan

- Status changed from New to Closed

- % Done changed from 90 to 100