Understanding Society User Support - Support #1329

Enumeration of strata variable and

04/01/2020 10:22 AM - Andreas Wejs Andersen

				
Status:	Resolved		Start date:	04/01/2020
Priority:	Normal	•	% Done:	100%
Assignee:				
Category:	Weights			
Description				
Dear Support				
I have two question	ons regarding strata formation	and clustering in and	alysis:	
 After reading Ly am left with a que understanding of For the GPS Lynr however when tak I also find a discre Survey". Lynn det Should I specify If my interest is in translated into see Addresses/deliver same address. I would be thankfu Andreas W. Ande 	ynn (2009) - Sample Design f stion regarding the enumeration the survey design. In details the stratification of po- pulating Strata for GPS memb epancy between strata_bh and ails 82 minor strata while the y two levels of clustering if stu- individuals (adult respondent ctors which are sorted into 100 ry points are drawn at random ul for any help you could provi- rsen	or Understanding So on of strata seen in t stal code into 103 dis ers in wave 1 of UKH d the characterization strata_bh variable tal dying individuals (sa s), then for the GPS 3 strata. 2. PSU's are from PSU (second lo de	ciety (and consul he variable 'strata stinct strata (12 r HLS I see 1200 s n given in Lynn (2 kes 75 values at y in stata svy env my current unde e drawn (first clus evel of clustering	ting both your online class and the manual), I a'. This surely comes down to my a lapse in egions X 3 SEG-bands X 3 pop. density bands), trata. Where is the disconnect? 2006) "Quality Profile: British Household Panel wave 1 of BHPS. viroment)? rstanding of the structure is: 1. Postal codes are tering level) with proportionate probability, 3. ?) with correction for multiple household at the
History				
#1 - 04/01/2020 10:	25 AM - Andreas Wejs Anderse	n		
2. Question implies I want a definitive advice on how to cluster in practice. What I meant is: Is there theoretically/strictly speaking 2 levels of				
I see from various examples of stata "syv set"-functions, that you often apply only one level of clustering (PSU) and I fully intend to do so myself.				
#2 - 04/01/2020 03:	07 PM - Stephanie Auty			
- Due date deleted ((04/10/2020)			
- Assignee set to Alita Nandi				

- Estimated time deleted (0.25 h)

- Private changed from Yes to No

#3 - 04/03/2020 05:15 PM - Stephanie Auty

Many thanks for your enquiry. The Understanding Society team is looking into it and we will get back to you as soon as we can.

Best wishes, Stephanie

#4 - 04/06/2020 02:23 PM - Stephanie Auty

- Assignee changed from Alita Nandi to Olena Kaminska

#5 - 04/06/2020 05:43 PM - Olena Kaminska

Dear Andreas,

Thank you for your questions.

1. The strata variable is correct and correctly reflects the sample design. Trust it. The details on the stratification design are probably hidden somewhere in documentation.

2. Unless you use multilevel analysis or pooled analysis, you should only use PSU variable as your cluster variable. The higher geographies to psu do

not matter as they did not influence our sample design clustering. But technically indeed we have waves nested within individuals nested within households nested within psu's. In this situation taking into account clustering within psu (in other words the highest level of clustering) will take into account clustering at lower levels as well - read more on this in statistical books.

Hope this helps, Olena

#6 - 04/07/2020 05:29 PM - Stephanie Auty

- Category set to Weights
- Status changed from New to Feedback
- Assignee changed from Olena Kaminska to Andreas Wejs Andersen
- % Done changed from 0 to 60

#7 - 10/13/2021 11:55 AM - Understanding Society User Support Team

- Status changed from Feedback to Resolved
- Assignee deleted (Andreas Wejs Andersen)
- % Done changed from 60 to 100