

Understanding Society User Support - Support #2006

Longitudinal analysis using calendar year?

12/12/2023 01:52 PM - Marina Kousta

Status:	Resolved	Start date:	12/12/2023
Priority:	Normal	% Done:	100%
Assignee:	Olena Kaminska		
Category:	Survey design		
Description			
Hello,			
I am reaching out to kindly request help on how to conduct longitudinal analysis using calendar year datasets.			
1) Although online you state the published calendar year data are meant to be used for cross-sectional analysis, does that also stand for when we create our own calendar year datasets? Or is it meant to be a guidance only for when you release the pre-made calendar year data? If that is the case regardless, is there some way for us to still conduct longitudinal analysis after creating our own calendar year data?			
2) Although you recommend using the w_month (sample month) to create calendar year data, would it still be ok to instead use the interview date instead, when the exact date is of great importance to the research question itself (i.e. when testing the introduction or removal of a social policy).			
Many thanks in advance for your time and consideration.			
Best wishes, Marina			

History

#1 - 12/13/2023 02:33 PM - Understanding Society User Support Team

- Category changed from Data analysis to Survey design
- Assignee changed from Understanding Society User Support Team to Olena Kaminska
- Private changed from Yes to No

#2 - 12/14/2023 02:38 PM - Olena Kaminska

Marina,

You could use calendar data longitudinally with a correct set up. For this you would need to select the weight from the last wave in your analysis for everyone. So, if the last wave, even for a few people, is wave 13, you should select longitudinal weight from wave 13 for everyone. This way you will be representing the (sub)population for 13 waves, and values from different waves (but same years) will be seen as their characteristics.

You could use interview date, if it is important, but the calendar year needs to have everyone responding in it (technically from 3 waves), as described in the relevant question here (that I can't access at the moment):

https://www.understandingsociety.ac.uk/sites/default/files/downloads/general/weighting_faqs.pdf

Hope this helps,
Olena

#3 - 12/15/2023 02:36 PM - Understanding Society User Support Team

- Status changed from New to Feedback
- % Done changed from 0 to 60

#4 - 02/23/2024 02:35 PM - Understanding Society User Support Team

- Status changed from Feedback to Resolved
- % Done changed from 60 to 100