

Understanding Society User Support - Support #154

'0' weight in BHPS

05/31/2013 03:26 PM - David Bayliss

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|--|--------|--------------------|------------|
| Status: | Closed | Start date: | 05/31/2013 |
| Priority: | Normal | % Done: | 100% |
| Assignee: | | | |
| Category: | | | |
| Description | | | |
| Good afternoon, | | | |
| <p>I have a question regarding the weight variable xrwtk1 in the BHPS. For my analysis I have selected cases who have a valid response to my two main variables (economic status and GHQ-12), and then had a look at the weights. Within the cross-sectional weight variable for the UK (xrwtk1) I have around 2.5% of cases which are '0' weighted. All of the cases I have selected are full interviews, and the '0' weighted cases have a range of sample origins (67% are OSMs). I have read the weighting section of the user manual but I cannot find a reason that matches the data. Please could you advise me on what may be the cause of the '0' weight?</p> | | | |
| Kind regards, David Bayliss | | | |

History

#1 - 06/06/2013 09:05 AM - Redmine Admin

- Status changed from New to In Progress

David, Would like to replicate this - please let us know the exact variable names and wave(s). Jakob

#2 - 06/12/2013 05:02 PM - Redmine Admin

It looks like the weights could be missing in a small proportion of cases. We would like to look into this in more detail and update you once we have got some results.

Jakob

#3 - 06/27/2013 11:45 AM - Olena Kaminska

David,

The reason for 0 values in cross-sectional weights is most likely due to no OSM within a household having longitudinal main interview non-zero weight in the wave you are looking at. Cross-sectional weights are inferred from longitudinal weights, and if every OSM in a household have 0 longitudinal weights, there is no positive value to infer. As you indicated this is a problem for only a small portion of a sample.

Hope this helps,
Olena

#4 - 06/27/2013 03:07 PM - Redmine Admin

- % Done changed from 0 to 50

#5 - 07/11/2013 11:40 AM - Redmine Admin

- Status changed from In Progress to Closed

- % Done changed from 50 to 100