

## Understanding Society User Support - Support #1097

### YPDKLM: irregular variable dist.

11/21/2018 02:42 PM - Amy Orben

<b>Status:</b>	Resolved	<b>Start date:</b>	11/21/2018
<b>Priority:</b>	Normal	<b>% Done:</b>	100%
<b>Assignee:</b>	Amy Orben		
<b>Category:</b>	Data inconsistency		
<b>Description</b> Dear US team,  I have recently started working with the alcohol consumption variables you provide in the youth self-completion questionnaire. Graphing the distribution of ypdklm, I found that the variable is distributed in a very irregular way. The questionnaires show that the question has 5 different response options. But in 2010, 2012 and 2014 the data shows 6 different response options, while in 2009, 2011, 2013 and 2015 the data shows 5 different response options. I include the histogram as an attachment in this email.  Could you please provide me with some clarification?  Thanks, Amy			

### History

#### #1 - 11/21/2018 03:13 PM - Stephanie Auty

- Category set to Data inconsistency
- Status changed from New to In Progress
- Assignee set to Stephanie Auty
- Target version set to X M
- % Done changed from 0 to 10
- Private changed from Yes to No

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 Auty - Understanding Society User Support Officer

#### #2 - 11/26/2018 05:35 PM - Stephanie Auty

- Status changed from In Progress to Feedback
- Assignee changed from Stephanie Auty to Amy Orben
- % Done changed from 10 to 80

Dear Amy,

If you look at the value labels you will see that the sixth response option is labeled "never but q45 answered". e.g.  
[https://www.understandingsociety.ac.uk/documentation/mainstage/dataset-documentation/wave/2/datafile/b\\_youth/variable/b\\_ypdklm](https://www.understandingsociety.ac.uk/documentation/mainstage/dataset-documentation/wave/2/datafile/b_youth/variable/b_ypdklm)

Then, looking at the questionnaire you can see that q45, yp5alcdr, is "Thinking back over the last four weeks, how many times (if any) have you had five or more drinks on one occasion? (A 'drink' is one pint/bottle/can of beer or cider, 2 alcopops, one small glass of wine, a single measure of spirits)."

[https://www.understandingsociety.ac.uk/sites/default/files/downloads/documentation/mainstage/questionnaire/wave-2/Wave\\_2\\_Youth\\_self-completion\\_with\\_variable\\_names.pdf?q=8d03a3e8095f394413fa458e45393a665e1c2ea6](https://www.understandingsociety.ac.uk/sites/default/files/downloads/documentation/mainstage/questionnaire/wave-2/Wave_2_Youth_self-completion_with_variable_names.pdf?q=8d03a3e8095f394413fa458e45393a665e1c2ea6)

This follow up question is not asked in odd numbered waves, which is why the sixth response option does not appear in data from those waves.

Around 97-98% of the responses to the follow up question are "none" if their answer to the previous question was "never", so I would think these can be reasonably combined with response 5 at ypdklm. You will need to decide how to treat the other responses depending on your research question.

Best wishes,  
Stephanie

#### #3 - 11/27/2018 10:23 AM - Amy Orben

Thanks Stephanie, that resolves my query!

Best wishes,  
Amy

#4 - 11/27/2018 11:03 AM - Amy Orben

- File TEMP\_Rplot2.jpeg added

Dear Stephanie,

Actually I have another question. See attached, the distribution shows that dk1m has a lot more missing values in 2011, 2013 and 2015. I have a feeling it has something to do with ypregalco, but I am not sure why this only occurs in certain years as ypregalco is asked every year.

Best wishes,  
Amy

#5 - 11/27/2018 12:22 PM - Stephanie Auty

Dear Amy,

If you read the questionnaires you will see that these missing answers are due to routing at ypeveralc. Waves 3, 5 and 7 included an additional question, ypregalco, and routing around that and ypd1m if the answer to ypeveralc was no. Waves 1, 2, 4, 6 and 8 did not include that routing so respondents answered ypd1m regardless of their answer to ypeveralc. This has been corrected for future waves. As in my previous answer, if someone has answered that they have never had an alcoholic drink and then answered ypd1m with "never" then these could be grouped with those who answered that they have never had an alcoholic drink and skipped ypd1m due to the routing.

Best wishes,  
Stephanie

#6 - 08/10/2022 11:21 AM - Understanding Society User Support Team

- Status changed from Feedback to Resolved

- % Done changed from 80 to 100

Files

TEMPRplot.jpeg	59.8 KB	11/21/2018	Amy Orben
TEMP_Rplot2.jpeg	55.4 KB	11/27/2018	Amy Orben