Subject: Plasma blood glucose in 2011 and 2017/2018
Posted by MiFoo on Fri, 29 Jan 2021 00:33:39 GMT
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Hi everyone,

I am working with the PR files from 2011 and 2017 in order to analyze diabetes prevalence in Bangladesh. These are my questions:

1) I tried to replicate some of the tables in the final reports. My results are very similar but not equivalent. I guess the number of included observations is the most likely reason for these deviations. For instance, my dataset contains 13147 valid observations (0=no, 1=1) for the variable sb325, while the final report from 2017 states 12,946 respondents (p232). Similarly, my dataset contains more observations for the variables measuring plasma blood glucose (sb335b in 2017 and sh284a in 2011) than the tables in the reports (e.g. p235 in 2017). Are some respondents excluded from the analysis? Why? I am using the household weight for my calculations (hv005). Please correct me if this is not the correct approach (even though this should not influence the raw number of respondents).

2) According to the codebook, the variable sb335b in 2017 is defined as "Plasma blood glucose (mmol/dl) - 1 implied deci". Might this be an error in the codebook? Given the distribution of values it seems like the unit of measurement is 10*mmol/l.

Thanks!