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Subject: Egypt DHS 2015 variable v133 (education in single years)

Posted by [luca.sg](#) on Sat, 03 Nov 2018 12:04:19 GMT

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Dear all,

I have found a discrepancy in variable v133 whose nature I cannot ascertain.

I have found that for some individuals with the same v106 (highest type of school reached) and v107 (highest grade completed in that stage), the v133 value can differ by one year, even though v133 should be based only on v106-v107 through the computation described in the DHS-VII recode, is that correct? Or are there other variables that I haven't identified which provide additional nuance (e.g. type of secondary school chosen, etc.), that have an effect on the choice of "x" and "y" in the calculation of v133, and that may explain the discrepancy?

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Subject: Re: Egypt DHS 2015 variable v133 (education in single years)

Posted by [Bridgette-DHS](#) on Thu, 08 Nov 2018 16:30:11 GMT

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Following is a response from DHS Senior Stata Specialist, Tom Pullum:

There appears to be an unusual construction of v133 in this survey. I can get a match with the following commands to construct v133:

```
gen v133=0
replace v133=v107 if v106==1
replace v133=v107+ 6 if v106==2
replace v133=v107+12 if v106==3
```

```
replace v133=v107+ 5 if v106==2 & a110>=23 & a110<=37
replace v133=v107+11 if v106==3 & a110>=23 & a110<=37
```

The last two lines will account for the problem you observed. In effect, primary schooling is counted for five years of school for women age 23-37 and as six years of school for women below and above that age range. Secondary school is counted as six years throughout. It is possible that there was a change in the educational system that affected women currently age 23-37 (at the time of the survey), and that change was subsequently reversed. I do not have time to check whether this is the correct explanation and whether, if it is correct, it also produced a similar recoding for this birth cohort in other surveys in Egypt. Perhaps someone has another interpretation.

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Subject: Re: Egypt DHS 2015 variable v133 (education in single years)

Posted by [luca.sg](#) on Thu, 08 Nov 2018 16:45:00 GMT

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There was indeed a change in the educational system that can account for this, that is the correct explanation.

Thank you!

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