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Subject: Cannot replicate NAR for multiple Cambodia DHS surveys

Posted by [MPerrot](#) on Tue, 15 Nov 2022 15:00:38 GMT

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Hello,

I am working on DHS data for Cambodia, using 4 databases - the ones compiled in 2000, 2005, 2010 and 2014.

I have the following issue: when computing the Net Attendance Ratio using the DHS methodology specified on Github ( <https://github.com/DHSProgram/DHS-Indicators-R/commit/90f08e6c908fd13fee8f78939a4a0ef45454002f#diff-444cb1ceb74b4400ffebc578d6b13b6fb4a9966d5519a6faabd324395fe95666> --> R version), I do not find results similar to those of the official final report.

I don't believe it is because of my code, I have checked for errors multiple times and also tried using the official code from Github with no additional modification than those absolutely necessary (path name...): I still do not find the correct ratios. However, by tweaking the start of school year and start of school year month imputations, I manage to find adequate results, using start of the year 2000 and start of the month 6 or 7 (for June or July). I had previously used year 1999 and month 10, as UNESCO indicates that "For primary to post-secondary education, the academic year begins in October and ends in July" (<https://uis.unesco.org/en/country/kh> under "Education and Literacy" > "Education system")

Therefore my question is the following: would it be possible to obtain the values used to compile DHS report for

- beginning of the school year,
  - beginning month of the school year,
- for all my needed Cambodia data (2000, 2005, 2010, 2014) ?

Thank you very much for your help.

M. Perrot

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