
Subject: Reproducing reports in R using Github Code

Posted by [victor](#) on Thu, 01 Dec 2022 16:41:05 GMT

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I am trying to reproduce some figures from DHS reports, specifically birth registration data.

Using this code from the github page, I should be able to do just that.

https://github.com/DHSProgram/DHS-Indicators-R/blob/main/Chapter02_PH/PH_POP.R

However it seems that this code does not work. Am I doing something wrong?

The first line it already goes wrong

```
PRdata[["ager"]] <- ifelse(PRdata[["hv103"]]==1 , as.integer(PRdata[["hv105"]]/5), NA)
```

using double square brackets is quite uncommon, but it should work. However addressing the hv103 and hv105 data like that is just incorrect. This data is spread across multiple columns per respondent, indicated by hv105_01, hv105_02 etc.

Hopefully someone know how to get this running.

Subject: Re: Reproducing reports in R using Github Code

Posted by [Shireen-DHS](#) on Mon, 05 Dec 2022 14:07:29 GMT

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Dear Victor,

Thank you for your question.

It appears you are using the HR file not the PR file. The HR file is the household level data and contains the variables hv105_01, hv105_02, etc. to indicate each person living in the household (i.e. here the unit of analysis is the household).

The PR file is person recode file with data on each member of the household so the variable would be hv105. Here the unit of analysis is the individual in the household.

Please check that you are using the PR file and not the HR file.

Thank you.

Best,

Shireen Assaf

The DHS Program
