Subject: Cancer screening
Posted by DHS Data explorer on Mon, 07 Nov 2022 00:53:43 GMT
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Hello,

I am using the India DHS 2019-21 to look at cervical cancer screening. I am trying to match the table in Stata by using the women's record (IAIR7DDT) file.
I am unable to match the numbers and percentages in "Table 12.7: Screening tests for cancer," in the second column, "Prevalence of cancer screening tests".
I created weight [wt=v005/1000000] and then used svyset [pw=wt], psu(v021) strata(v022). To tabulate the frequencies, I used tab sb79 [iw=gt].
I wondered if anyone would be able to advise me if I am using the right dataset, sample weights, and, most importantly, the right variable to determine cervical cancer screening.
Any suggestions would be much appreciated.

Subject: Re: Cancer screening
Posted by Bridgette-DHS on Wed, 16 Nov 2022 14:43:36 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

The following code will reproduce the percentages in the "Cervix" column of table 12.7. In order to match the report, you must include "m" (for "missing" or "NA") in the tab commands. It could be argued that those cases should NOT be included in the denominators for the percentages. However, to get a match you have to do that.

I include the recodes for age and schooling; you can do the recode for religion of head = "other".

```
use "...IAPR7DFL.DTA", clear

keep if hv105>=15 & hv105<=49
gen age=1
replace age=2 if hv105>=20
replace age=3 if hv105>=25
replace age=4 if hv105>=35
label define age 1 "15-19" 2 "20-24" 3 "25-34" 4 "35-49"
label values age age

gen schooling=0
replace schooling=1 if hv108>=1
replace schooling=2 if hv108>=5
replace schooling=3 if hv108>=8
replace schooling=4 if hv108>=10
replace schooling=5 if hv108>=12
replace schooling=6 if hv108==98
```

```
label define schooling 0 "None" 1 "1-5" 2 "5-7" 3 "8-9" 4 "10-11" 5 "12" 6 "DK"
label values schooling schooling

tab shb79 if hv104==2 & hv105>=15 & hv105<=49 [iweight=hv005/1000000], m


local lcovariates age hv025 schooling sh47 sh49 hv270
foreach lc of local lcovariates {
tab `lc' shb79 if hv104==2 & hv105>=15 & hv105<=49 [iweight=hv005/1000000], m row
}
```

Subject: Re: Cancer screening
Posted by DHS Data explorer on Tue, 22 Nov 2022 02:30:56 GMT
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Thank you.
