Subject: Issues with replicating STATcompiler results for India
Posted by Navya on Tue, 09 Jan 2024 12:24:43 GMT

Dear all,

I am having some trouble replicating results from the DHS STATcompiler website for the wave 2019-21, specifically for the "attitude towards wife beating" indicators for both men and women. I replaced the "don't know" values (coded as 8) with 0 for all the sub questions ((m)v744*) and created a separate combined indicator which is equal to 1 if at least one of the sub indicators take the value of 1, and 0 if all the sub indicators are 0. This indicator is coded as missing when at least one sub indicator is missing, and the rest are 0. I was able to match the conditional averages (disaggregated by education) for both men and women for older waves using this method and (m)v005 as frequency weights with little to no differences. However, there are large differences between my conditional averages and those given on the STATcompiler website for the 2019-21 wave. The website shows a completely different trend (the share of men who justify wife beating increases by level of education) compared to what I'm getting (the share of men who justify wife beating decreases by education level) for 2019-21. I was wondering if I'm missing something.

Thank you for your help.

Subject: Re: Issues with replicating STATcompiler results for India
Posted by Bridgette-DHS on Tue, 09 Jan 2024 17:00:56 GMT

Following is a response from Senior DHS staff member, Tom Pullum:

Looking just at women (assuming that the code for men would be similar), I compared the results on STATcompiler with the results in Table 14.14.1 of the final report on the NFHS-5. They are not the same. I get a perfect match with the totals row of the Table 14.14.1 using the Stata lines pasted below. We will look into why STATcompiler differs from Table 14.14.1 and post a follow-up response.

* Attitudes toward wife beating
* Match the totals row of table 14.14.1 in the NFHS-5 final report

use v005 v744* s943* using "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\IAIR7EFL.DTA", clear

gen wt=v005/1000000
tab1 v744* s943* [iweight=wt]

* Don't know is classified with no
foreach ll in a b c d e {
gen   `ll'=100*v744`ll'
replace `ll'=0 if v744`ll'==8

```
}

foreach ll in f g {
gen     `ll'=100*s943`ll'
replace `ll'=0 if s943`ll'==8
}

egen any=rowtotal(a b c d e f g), missing
replace any=100 if any>0 & any<.

tabstat a b c d e f g any [fweight=v005], statistics(mean)

total wt if any<.
```

* This matches the indicator exactly. However, it does not match the numbers in STATcompiler

```
/*
v744a       byte   %8.0g   V744A    beating justified if wife goes out without telling husband
v744b       byte   %8.0g   V744B    beating justified if wife neglects the children
v744c       byte   %8.0g   V744C    beating justified if wife argues with husband
v744d       byte   %8.0g   V744D    beating justified if wife refuses to have sex with husband
v744e       byte   %8.0g   V744E    beating justified if wife burns the food
s943f       byte   %8.0g   S943F    justifies domestic violence: wife unfaithful
s943g       byte   %8.0g   S943G    justifies domestic violence: wife disrespect
```

Subject: Re: Issues with replicating STATcompiler results for India
Posted by Bridgette-DHS on Thu, 11 Jan 2024 12:52:55 GMT
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Following is an additional response from Senior DHS staff members, Blake Zachary and Tom Pullum:

We have confirmed that the numbers in tables 14.14.1 and 2 are consistent with the data files and can be reproduced with the Stata lines given in the previous response. The estimates on STATcompiler are incorrect. Thanks for spotting this. The estimates on STATcompiler will be updated soon.