Subject: Matching the Kenya 2014 DHS domestic violence data
Posted by npolle on Tue, 15 Nov 2016 10:23:16 GMT
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I am using the 2014 Kenya Demographic and Health Survey to determine domestic violence and associated risk factors. I am trying to match the domestic violence numbers in table Tables 16.1.1 of the final report. However I keep getting a total of 4018 women instead of 5,657. Kindly assist. Below are the stata codes that I used. Thank you.
*OPEN FILE
use "G:\scientific   writing\VIOLENCE\KE_2014_DHS_11142016_37_61056\keir70dt\KEIR 70FL.DTA ", clear
* GENERATING THE VARIABLE 'sexualviolence'
generate sexualviolence=.
replace sexualviolence = 0 if d105h == 0| d105h == 9 | d105i == 0| d105i == 9 ///
| d105k == 0 | d105k == 9
replace sexualviolence = 1 if d105h == 1 | d105i == 1 | d105k == 1
replace sexualviolence = 1 if d105h == 2 | d105i == 2 | d105k == 2
replace sexualviolence = 1 if d105h == 3 | d105i == 3 | d105k == 3
replace sexualviolence = 1 if d105h == 4 | d105i == 4 | d105k == 4
label variable sexualviolence "EVER EXPERIENCED SEXUAL VIOLENCE"
label define sexual_violence 0 "Never" 1 "Often" 2 "Sometimes" ///
3 "Yes, but not in the last 12 months" 4 "Yes, but frequency in last 12 months missing"
label value sexual_violence sexualviolence
tab sexualviolence [iweight=d005/1000000]
*GENERATE VARIABLE "physicalviolence"
generate physicalviolence=.
replace physicalviolence = 0 if d105a - d105f == 0 | d105j == 0
replace physicalviolence = 1 if d105a - d105f == 1 | d105j == 1
replace physicalviolence = 2 if d105a - d105f == 2 | d105j == 2
replace physicalviolence = 3 if d105a - d105f == 3 | d105j == 3
replace physicalviolence = 4 if d105a - d105f == 4 | d105j == 4
label variable physicalviolence "EVER EXPERIENCED PHYSICAL VIOLENCE"
label define physical_violence 0 "Never" 1 "Often" 2 "Sometimes" ///
3 "Yes, but not in the last 12 months" 4 "Yes, but frequency in last 12 months missing"
label value physical_violence physicalviolence
tab physicalviolence [iweight=d005/1000000]

Subject: Re: Matching the Kenya 2014 DHS domestic violence data
Posted by Trevor-DHS on Thu, 22 Dec 2016 05:59:38 GMT
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To match the number of women for the domestic violence module, use the following to initialize your sexualviolence or physicalviolence variables:
replace sexualviolence = 0 if v044==1
However, you have many other problems in your code:
1) You only ever assign values 0 or 1 to sexual violence, but you label values 2, 3, and 4 as well.

2) The label value statement should be as follows - you had the label and the variable names reversed:

label value sexualviolence sexual_violence 3) When creating your physicalviolence variable, you write:

replace physicalviolence = 0 if d105a - d105f == 0 | d105j == 0but this is subtracting d105f from d105a and testing the result against 0. You need to add in a loop through the variables to test d105a to d105f individually. I suggest using something like:

```
gen physicalviolence = .
foreach dvar of var d105a d105b d105c d105d d105e d105f d105j {
  replace physicalviolence = 0 if `dvar' == 0
```
}4) You need to figure out the hierarchy order for each of the categories and test for them in the correct order.

Here is my best guess at the coding:
```
* GENERATING THE VARIABLE 'sexualviolence'
gen sexualviolence = 0 if v044==1
foreach dval in 1 2 4 3 {
  foreach dvar of var d105h d105i d105k {
    replace sexualviolence = `dval' if sexualviolence == 0 & `dvar' == `dval'
  }
}
replace sexualviolence = 1 if sexualviolence == 0 & d130b == 1
replace sexualviolence = 3 if sexualviolence == 0 & d130b == 2
replace sexualviolence = 4 if sexualviolence == 0 & (d130b == 3 | d130b == 4)
replace sexualviolence = 2 if sexualviolence == 0 & d124 == 1
replace sexualviolence = 3 if sexualviolence == 0 & d125 == 1

label variable sexualviolence "EVER EXPERIENCED SEXUAL VIOLENCE"
label define sexual_violence 0 "Never" 1 "Often" 2 "Sometimes" ///
  3 "Yes, but not in the last 12 months" 4 "Yes, but frequency in last 12 months missing" ///
  5 "Yes, but no information when"
label value sexualviolence sexual_violence
tab sexualviolence [iweight=d005/1000000]

*GENERATE VARIABLE "physicalviolence"
gen physicalviolence = 0 if v044==1
foreach dval in 1 2 4 3 {
  foreach dvar of var d105a d105b d105c d105d d105e d105f d105j d117a {
    replace physicalviolence = `dval' if physicalviolence == 0 & `dvar' == `dval'
  }
}
replace physicalviolence = 1 if physicalviolence == 0 & d130a == 1
replace physicalviolence = 3 if physicalviolence == 0 & d130a == 2
replace physicalviolence = 4 if physicalviolence == 0 & (d130a == 3 | d130a == 4)
replace physicalviolence = 4 if physicalviolence == 0 & d115y == 0
replace physicalviolence = 5 if physicalviolence == 0 & d118y == 0

label define physical_violence 0 "Never" 1 "Often" 2 "Sometimes" ///
```

3 "Yes, but not in the last 12 months" 4 "Yes, but frequency in last 12 months missing" ///
    5 "Yes, but no information when"
label value physicalviolence physical_violence
tab physicalviolence [iweight=d005/1000000]

Subject: Re: Matching the Kenya 2014 DHS domestic violence data
Posted by CarolineAkoth on Sun, 26 Apr 2020 16:11:08 GMT
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Hello,

I am using this same dataset but having a challenge in the final tally. The number of "Women selected and interviewed" is 5657. However upon extraction i note upto 1144 blanks rows in the dataset. Am i missing something?

I have attached the extracted dataset.

Thanks

File Attachments
1) KDHS2014.xls, downloaded 595 times

Subject: Re: Matching the Kenya 2014 DHS domestic violence data
Posted by Trevor-DHS on Sun, 26 Apr 2020 19:00:05 GMT
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Yes, the questions you are looking at were only asked to women who were ever married. For never married women they are blank. See v502 for marital status.

Subject: Re: Matching the Kenya 2014 DHS domestic violence data
Posted by CarolineAkoth on Mon, 27 Apr 2020 09:42:10 GMT
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Thank you.