
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 == 0
```

but 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]
```
