
Subject: Replicating table 9.18

Posted by [Sami](#) on Tue, 07 Nov 2017 22:50:40 GMT

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Dear DHS,

I am trying to replicate Nepal DHS 2011 table 9.18.

I used the following command as explained in the previous thread. However, i found hard to separate abortion.

```
use "C:\Data\DHS_Stata\NPIR60FL.DTA" , clear
gen pregs = 0
```

```
forvalues i = 1/80 {
gen cmc`i' = v017 + 80 - `i'
gen event`i' = substr(vcal_1, `i', 1)
gen type`i' = .
replace type`i' = 1 if substr(vcal_1,`i',1) == "B"
replace type`i' = 3 if substr(vcal_1,`i',1) == "T"
replace type`i' = 2 if substr(vcal_1,`i',7) == "TPPPPPP"
replace pregs = pregs+1 if (substr(vcal_1,`i',1) == "B" | substr(vcal_1,`i',1) == "T")
}
```

* Drop cases with no pregnancies

```
drop if pregs == 0
```

* Decide what variables you want to keep first before the reshape, modify this list as you need to add extra variables.

```
keep caseid v001 v002 v003 v005 v008 v011 v013 v017 v018 v019 v021 v022 v023 cmc* event*
type*
```

* The reshape is really really really slow if you don't select variables and cases first, and will most likely fail otherwise.

```
reshape long cmc event type, i(caseid) j(ix)
```

```
lab def type 1 "Birth" 2 "Stillbirth" 3 "Miscarriage/abortion"
```

```
lab val type type
```

```
lab var type "Type of pregnancy"
```

```
lab var cmc "Century month code of event"
```

```
lab var event "Calendar event code"
```

* Set length of calendar to use

```
gen callen = v018 + 59
```

* If calendar is aligned right (as in original dataset), use the following:

```
gen beg = v018
```

```
gen end = callen
```

* If calendar is aligned left (as it is in some datasets), use the following:

```
*gen beg = 1
```

*gen end = 60

* Include only the five year period
keep if ix >= beg & ix <= end

* check the pregnancy types
tab type [iw=v005/1000000]

Any assistance would be great.

Thank you
Sammy

Subject: Re: Replicating table 9.18
Posted by [Trevor-DHS](#) on Wed, 29 Nov 2017 16:40:39 GMT
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See vcal_6. In this variable for each month in which you see a "T" in vcal_1, you will find code "A" (abortion), "S" (stillbirth), and "C" miscarriage, that can be used to break out the abortions.
