Subject: Re: Replicating table 8.4- Nepal DHS 2011
Posted by Trevor-DHS on Wed, 25 Nov 2015 00:19:03 GMT
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The following code reshapes the IR dataset into pregnancies and keeps pregnancies of 7 months duration.

```
* Using Nepal DHS 2011
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]

* Note that this will not match the 5444 pregnancies of 7+ months as that includes twins.
* This file excludes twins, but i believe that is what you really need.

* keep only births and stillbirths
keep if type == 1 | type == 2
Note that this excludes twins so it does not match the 5444, but I think this is actually more useful for your needs.
