
Subject: Re: Contraception discontinuation
Posted by [ASharma](#) on Wed, 30 Mar 2016 17:05:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear Trevor

Thank you for clarification regarding the birth and treatment of missing variable. For the table 7.10 please find my code

*****Calendar data*****

```
forvalues i = 1/80 {  
  gen e_`i' = substr(vcal_1,`i',1)  
  gen r_`i' = substr(vcal_2,`i',1)  
}  
keep caseid v001 v002 v003 v005 v008 v011 v017 v018 v019 v013 v101 v102 v106 v131 v190  
v302a v312 v501 v624 e* r*  
reshape long e_ r_, i(caseid) j(i)
```

* Set length of calendar to use

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

```
gen begin = v018  
gen end = callen
```

***** Include only the five year period
keep if i >= begin & i <= end

*****Table 7.10
tab r_ e_ [iw=v005/1000000]

Using this I obtain a table which has 4432 total number of discontinuation. In addition this includes methods like Diaphragm and other traditional which I are not there in the final table and not sure how these were treated.

For Table 7.10, I did use survival analysis (life tables). However I have not used survival analysis in Stata and thus used SPSS. Please find below the syntax. I would be thankful if you could suggest code for Stata.

```
SURVIVAL TABLE=i BY status (1)  
/INTERVAL=THRU 62 BY 3  
/STATUS=e(1)  
/PRINT=TABLE  
/PLOTS (SURVIVAL)=i BY status  
/COMPARE=i BY status  
/CALCULATE PAIRWISE.
```

Thank you

Regards
Anu
