
Subject: Re: Using tfr2 to Calculate age specific marital fertility rate

Posted by [Michaelo](#) on Sun, 19 Nov 2017 02:18:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

Many thanks Bruno for the prompt response.

I am using the Ghana dataset. For The marital fertility rate using, . tfr2, entry(v509), if v501==1 | v501==2 was higher than the tfr2,entry(v509) . eg using the 2008 dataset GHIR5HFL.DTA", gives 6.195775 as compared to 5.850916. Thanks so much.

However, trying the non-marital fertility rate with "GHIR5HFL.DTA", gives this error message
Maximum number of iterations exceeded.

r(498);

Besides, I observed, the period covered to have been 10 years earlier, that is 12/1995 to 11/1998 is instead of 2005-2008

I used:

```
gene dates=cond(v509!=., v509, v008)
```

```
gene entry=v008-36
```

```
tfr2, entry(entry) dates(dates)
```

This worked for the 2003 Ghana dataset but again, the period was 10 years ahead. 1990-1993, instead of 2000-2003

The output obtained was:

```
tfr2, entry(entry) dates(dates)
```

```
weight variable is v005
```

```
Preparing table of events and exposure for 3 year(s) preceding the survey
```

```
Period covered: 5/1990 to 4/1993
```

```
Central date is 1991.8359
```

```
Number of cases (women): 1851
```

```
Number of person-years (weighted): 3925.2241
```

```
Number of events (weighted): 80.825775
```

ASFRs - TFR

```
-----+-----  
events |   Coef.  Std. Err.   z  P>|z|   [95% Conf. Interval]  
-----+-----  
Rate_1519 | .0178312  .002676   6.66  0.000   .0125864  .0230761  
Rate_2024 | .0328445  .0056704   5.79  0.000   .0217306  .0439583  
Rate_2529 | .004697   .0041574   1.13  0.259  -.0034514  .0128454  
Rate_3034 | .0071107  .0087363   0.81  0.416  -.0100121  .0242335  
Rate_3539 | .024647   .0254917   0.97  0.334  -.0253158  .0746099  
Rate_4044 | 2.40e-09   .         .     .     .         .  
Rate_4549 | 7.74e-09   .         .     .     .         .  
TFR | .4356522  .1398883   3.11  0.002   .1614763  .7098282  
-----+-----
```

I would be grateful if you could kindly advise

Thanks so much
Michael
