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

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

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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
