## Subject: Re: Using tfr2 to Calculate age specific marital fertility rate Posted by Michaelo on Sun, 19 Nov 2017 02:18:28 GMT <br> 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 | $\mathrm{v} 501==2$ 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. St | 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 | $2.40 \mathrm{e}-09$ | . . | . . |  |  |  |
| Rate_4549 | $7.74 \mathrm{e}-09$ |  |  |  |  |  |
| TFR \| | . 4356522.1 | 1398883 | 3.110 | 0.002 | . 1614763.7 | . 7098282 |

I would be grateful if you could kindly advise

Thanks so much
Michael

