Subject: Re: Using tfr2 to Calculate age specific marital fertility rate
Posted by schoumaker on Thu, 13 Jul 2023 07:19:47 GMT
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Hello,

Thank you for your useful feedback. I checked the 2006 Pakistan report to replicate the published results (FR200, Table 4.3).

Here is the code that gives exactly the same results as those published in the report.

```
gene awfac_cons=100 // creating an artificial all women factor
gene v509c=v509-1 // removing one month from the date of first union
tfr2, entry(v509c) awf(awfac_cons), if v501==1 // for the total
tfr2, entry(v509c) awf(awfac_cons), if v501==1 & v025==2 // in rural areas
tfr2, entry(v509c) awf(awfac_cons), if v501==1 & v025==1 // in urban areas
tfr2, entry(v509c) awf(awfac_cons), if v501==1 & v026==0 // in major city
tfr2, entry(v509c) awf(awfac_cons), if v501==1 & v025==1 &  v026!=0 // in other urban
```

So, the differences with the previous code are that:

1. the rates are computed among currenttly married women (v501==1)
2. the date of marriage is changed to the previous month.

I need to check why in the date of first union needs to be changed for the results to match perfectly. But in this way you will be able to replicate the results, and use the same approach with more recent data to look at trends in marital fertility.

Best regards.

Bruno