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Subject: Adolescent birth rate

Posted by [Mercysh](#) on Sun, 16 Sep 2018 12:00:09 GMT

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Any ideas on using TFR2 to estimate young adolescent fertility (ages 10-14 years) or including older adolescents (ages 10-19 years)? Also want to know if one can estimate at subnational levels.

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Subject: Re: Adolescent birth rate

Posted by [schoumaker](#) on Sun, 16 Sep 2018 12:25:16 GMT

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Hello,

The simplest way with the current version of tfr2 is to compute rates by single years of age between 10 and 14, and to compute the 10-14 fertility rate as the average of these rates.

```
tfr2, len(5) minage(10) maxage(14) ageg(1)
```

You obtain the "TFR" between 10-14, and you divide it by 5.

This is because, for the 5 years before the survey, the young adolescents are underrepresented - as explained in the MacQuarrie et al. paper (<https://paa.confex.com/paa/2018/mediafile/ExtendedAbstract/Paper22258/MacQuarrie%20et%20al%20Adolescent%20Retro%20Methods%20abstract%20PAA%202018.pdf>).

The result from tfr2 will be very close to the result using the method in the MacQuarrie paper.

I am currently preparing a Stata command that will estimate the 10-14 rate in the same way as in that paper.

Best regards,

Bruno

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Subject: Re: Adolescent birth rate

Posted by [Mercysh](#) on Mon, 17 Sep 2018 10:36:13 GMT

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Thank you for the quick response. I will use your suggestion but lookout for the stata command you are preparing.

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