
Subject: birth displacement ?

Posted by [zakzok](#) on Wed, 15 Jun 2016 15:18:47 GMT

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Hi,

I'm using tfr2 STATA code to find TFR from 2000 to 2014 , from TWO EDHS 2008 & 2014 the table showed difference in the results:

```
DHS2014 [95% Conf. Interval] DHS2008 [95% Conf Interval]
TFR_2014 95%_2014 95%_2014 TFR_2008 95%_2008 95%_2008
2000 3.4851 3.333347 3.636853 3.510682 3.352744 3.66862
2001 3.28719 3.144196 3.430184 3.484549 3.328402 3.640696
2002 3.49588 3.34183 3.649929 4.029348 3.867395 4.191301
2003 3.19548 3.054401 3.336559 2.786988 2.654115 2.91986
2004 3.333857 3.197324 3.47039 2.951514 2.81735 3.085678
2005 3.251248 3.121938 3.380558 2.722219 2.597143 2.847295
2006 3.059701 2.936637 3.182765 3.02349 2.892968 3.154012
2007 3.365313 3.234086 3.496539 3.163378 3.033602 3.293155
2008 4.015453 3.878673 4.152232
2009 2.774753 2.663968 2.885539
2010 3.364196 3.242676 3.485716
2011 3.353703 3.234178 3.473229
2012 3.351945 3.233962 3.469928
2013 3.564948 3.443834 3.686061
```

by this code:

```
tfr2, len(1) ageg(1) endy(2013) norates level (95)cy
tfr2, len(1) ageg(1) endy(2012) norates level (95)cy
tfr2, len(1) ageg(1) endy(2011) norates level (95)cy
tfr2, len(1) ageg(1) endy(2010) norates level (95)cy
tfr2, len(1) ageg(1) endy(2009) norates level (95)cy
tfr2, len(1) ageg(1) endy(2008) norates level (95)cy
tfr2, len(1) ageg(1) endy(2007) norates level (95)cy
tfr2, len(1) ageg(1) endy(2006) norates level (95)cy
tfr2, len(1) ageg(1) endy(2005) norates level (95)cy
tfr2, len(1) ageg(1) endy(2004) norates level (95)cy
tfr2, len(1) ageg(1) endy(2003) norates level (95)cy
tfr2, len(1) ageg(1) endy(2002) norates level (95)cy
tfr2, len(1) ageg(1) endy(2001) norates level (95)cy
tfr2, len(1) ageg(1) endy(2000) norates level (95)cy
```

show that the 2008 and 2014 surveys differ in their TFR results for the years 2003-5, even when considering 95% confidence interval. maybe that is birth displacement?

my question is how I can re-estimated adjusted for this the birth displacement by STAT?

And which DHS I will use for this the years 2003-5? dhs2008 or dhs2014

thanks in advance for your help.

Subject: Re: birth displacement ?

Posted by [Reduced-For\(u\)m](#) on Wed, 15 Jun 2016 19:35:19 GMT

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You might want to see Bruno Schoumaker's paper on this - he wrote the TFR2 code and noticed the same thing - I think, if by "birth displacement" you mean mis-reporting of birth dates.

https://www.uclouvain.be/cps/ucl/doc/demo/documents/DT_SPED_30_corrige.pdf

He also has some suggestions for correcting the problem, but in general there is no perfect way to "correct" misreporting like this, you can just make assumptions that try to smooth over it (at least in my reading).
