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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
2001	3.28719	3.144196	3.430184	3.484549	3.328402
2002	3.49588	3.34183	3.649929	4.029348	3.867395
2003	3.19548	3.054401	3.336559	2.786988	2.654115
2004	3.333857	3.197324	3.47039	2.951514	2.81735
2005	3.251248	3.121938	3.380558	2.722219	2.597143
2006	3.059701	2.936637	3.182765	3.02349	2.892968
2007	3.365313	3.234086	3.496539	3.163378	3.033602
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.

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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](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).

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