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Subject: Parity Progression Ratio and Tempo-adjusted Fertility

Posted by [Tesfay](#) on Sun, 23 Oct 2022 00:06:44 GMT

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Dear respected experts, peace and health for you!!

I am Mr. Tesfay Brhane, an Ethiopian citizen studying my PHD at Addis Ababa University-Ethiopia.

I am studying trends of fertility transition in Ethiopia using different fertility measures.

To minimize the problems with period measures, I prefer to use tempo-adjusted, tempo-parity-adjusted TFR, and parity progression ratio (PPR).

I am using the Ethiopian DHS data 2000-2016 and use Stata version 14.

However, I can't get or formulate a Stata command/syntax for estimating both or either of the variables.

It is with great kindness I ask for your help with the following points.

1. Is it possible to estimate Tempo adjusted TFR (TFR\*), Tempo-parity adjusted TFR (TFRP\*), and PPR from the EDHS and compare them between 2000 and 2016?

2. Could you help me to get the stata command for those possible?

The theory and formula for the TFR\* and TFRP\* is explained in bongaarts article: "A Demographic Explanation for the Recent Rise in European Fertility (John Bongaarts and Tomáš Sobotka:

<https://www.jstor.org/stable/41857358>.

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