Subject: I need Stata codes to compute parameters (Cm, Cc, Ci and Ca) of the Bongaarts' model using DHS data.
Posted by arbado@gmail.com on Thu, 06 Aug 2020 21:15:52 GMT
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I need Stata codes to compute parameters (Cm, Cc, Ci and Ca) of the Bongaarts' model using DHS data. Any help?
I would like to estimate the parameters (Cm, Cc, Ci and Ca) of the Bongaarts' model on proximate determinants of fertility using DHS data (TFR = TF x Cm x Cc x Ca x Ci).
Can someone share his stata codes with me? It would be greatly appreciated.
Email : arbado@gmail.com

Subject: Re: I need Stata codes to compute parameters (Cm, Cc, Ci and Ca) of the Bongaarts' model using DHS data.
Posted by Bridgette-DHS on Fri, 14 Aug 2020 14:52:27 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

I am attaching my "personal" Stata program for this purpose. It is not an "official" DHS program. I put it together in September 2019, after some email exchanges with John Bongaarts and Jocelyn Finlay. It requires age-specific fertility rates that must be prepared separately, as described in the program. It is set up for a Malawi survey. The attached Excel file, obtained via StatCompiler, is the source of the rates for the example. As I recall, the results are close to the published estimates but they may not be exact. You may be able to improve on the program.

File Attachments
1) STATcompilerExport2018112_74855.xlsx, downloaded 657 times
2) proximate_determinants_do_27Sep2019.txt, downloaded 685 times

Subject: Re: I need Stata codes to compute parameters (Cm, Cc, Ci and Ca) of the Bongaarts' model using DHS data.
Posted by arbado@gmail.com on Wed, 19 Aug 2020 11:26:51 GMT
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Thanks for sharing these useful resources.

Best regards,
Aristide

Subject: Re: I need Stata codes to compute parameters (Cm, Cc, Ci and Ca) of the Bongaarts' model using DHS data.
Posted by alexanderduen on Thu, 10 Jul 2025 04:59:43 GMT
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I'm also interested in estimating Bongaarts' model parameters using DHS data. While I don't have specific Stata codes to share, I recommend checking out resources from the DHS website for guidance. By the way, I recently enjoyed some downtime playing geoguessr free, which helped me relax while working on my analysis. If anyone has code snippets or tips, I'd love to hear them!