
Subject: Re: Calculating Under 5 Mortality Rate
Posted by [harry_92](#) on Sun, 25 Nov 2018 20:39:54 GMT
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Hi. I am a bit of a novice to survival probability tables. I have looked through all the forums and am trying to identify the child mortality survival rates in Ghana (using DHS 2014 round) for ages 2-5 (two-five years old) using the direct method. I have adjusted the method in chapter 3, "Analyzing Health Equity Using Household Survey Data" for calculating under 5 mortality by removing all dead and alive children reported below the ages of 2.

I am getting figures of 14.4 (looking back 5 years) and 14.9 looking back 10 years. The figures seem plausible as under 5 mortality in Ghana is 60 (as of 2014 survey) but I am not sure if I have over-simplified it in my approach.

I have attached my do file.

Could somebody kindly tell me whether my approach is suitable? If not, does someone have a do file to share / can explain the correct approach?

Further context:

My overall aim is to establish a child (aged 2-5) mortality figure at the regional level. I will then use it as an instrument for life expectancy similarly to (Oster, 2012). I want to then repeat this command for all years of Ghana surveys so I can create pseudo panel data with 2-5 year old child mortality rates estimated correctly at regional levels for each survey round.

Further readings other people may find useful:

<http://siteresources.worldbank.org/INTPAH/Resources/Publications/459843-1195594469249/HealthEquityCh3.pdf>

https://dhsprogram.com/pubs/pdf/DHSG1/Guide_to_DHS_Statistics_29Oct2012_DHSG1.pdf

https://iussp.confex.com/iussp/ipc2017/mediafile/Presentation/Paper7059/Pullum_IUSSP_2017_paper.pdf

File Attachments

1) [CHILD 2-5 MORTALITY_do.do](#), downloaded 1069 times
