
Subject: Infant mortality rate

Posted by [id709nvz](#) on Mon, 30 Aug 2021 00:23:04 GMT

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Hi members,

Just a silly question, perhaps.

Am I able to estimate the effect of X policy on infant mortality rate or on under-five mortality rate relying on pooled KR files across surveys (4 rounds)?

2 rounds are before the policy and 2 are after the policy, so I just want to look at if that reduces such outcomes. infant or under-five mortality rate is just a single number in each survey and I am not sure if that is possible to conduct differences in difference estimation "reg rate Xolicy [iw=weight], robust.

I would be grateful if anyone of reply!
regards

Subject: Re: Infant mortality rate

Posted by [Bridgette-DHS](#) on Tue, 14 Sep 2021 11:31:56 GMT

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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

With the approach you describe, you cannot distinguish between the possible effects of the policy and other influences. However, if you can localize the intervention geographically, you can then compare trends in intervention areas and other (control) areas. Here is a link to a report that did this sort of thing in Uganda: <https://dhsprogram.com/pubs/pdf/WP142/WP142.pdf> to other examples. Hope you can apply this strategy.
