Subject: Children ever death and children ever died
Posted by Tesfay on Sun, 24 Nov 2024 12:51:47 GMT
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Dear DHS experts, first I acknowledge the support you give to researchers, with a special thanks to Tom Pullum.
As part of my PHD work, I am looking on the effect of fertility rate on child mortality. I plan to follow to approaches:
1) I regress the probability of survival (b5) of under-five children on the number of children born in the last five years using the KR file.
2) I am trying to see the effect of the number of children ever-born (v201) on the number of children ever-died (v206+v207) using simultaneous equation modeling (Due to the simultaneity and endogeneity of the variables). I am using Ethiopia DHS (pooled from 2000 to 2019) and I understand that the IR file is the correct unit of analysis for the 2nd approach.
But I also need to control for other variables (b4, b0) and women's characteristics (maternal age at delivery (b3-v011), place of delivery (m15a) for all the children ever born, which are found in the BR file. So, please guide me on the ff issues.
1. Is my analysis plan and unit of analysis theoretically sound?
2. How can I get the variables in the BR file in the IR; I tried to merge using 1:m from BR to IR but it showed me an error message "variables caseid, v001, v002 do not recognize . . . "
3. Does it make sense to do the analysis using the BR file if it is impossible to merge?

Excuse me for asking conceptual questions, it is due to my lack of experience with DHS data.