## Subject: Merging 2018 Zambia HR to IR
Posted by azimkl10 on Fri, 27 Jan 2023 03:46:59 GMT

Hi everyone,

I need help with merging 2018 Zambia HR to IR and I am running into many issues.

First, my objective is to get each child between ages 5-18 as a row/observation for data analysis and variables of interest are in the household and individual dataset. I have tried merging household data to individual data by joining v001 and v002 and hv001 and hv002 but that did not work. One issue I have is that each mother is the row/observation and each child is represented in the columns meaning that when asked about the mother's children, each child is a different column of the same question. For example, HV122: Education level attended during the current school year (Primary, Secondary, etc.) is my outcome variable and it goes from hv122_01 to hv122_28. This means that there is a mother(s) who has had up to 28 children and each of the children is represented in a column instead of a row. I tried to pivot_longer the columns of interest and merging but I am doing something wrong. I have my code in R below but I have Stata as well so I am open to Stata solutions.

TL:DR - How can I merge each household to an individual and make children the row/observation INSTEAD of the columns in the datasets.

Thank you.

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File Attachments
1) Screen Shot 2023-01-26 at 10.34.22 PM.png, downloaded 195
times
2) Screen Shot 2023-01-26 at 10.34.41 PM.png, downloaded 213
times
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