
Subject: How many children per family
Posted by [Khawar](#) on Sat, 27 Jul 2024 08:07:46 GMT
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Dear expert,

Can we identify the household to see how many children there are in the family in the IR file?
what will be the codes?

Kind regards,

Researcher

Subject: Re: How many children per family
Posted by [Janet-DHS](#) on Wed, 31 Jul 2024 15:44:26 GMT
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Following is a response from DHS staff member, Tom Pullum:

The following variables are included for each household in the HR file:

hv009	byte	%8.0g	number of household members
hv010	byte	%8.0g	number of eligible women in household
hv011	byte	%8.0g	number of eligible men in household
hv012	byte	%8.0g	number of de jure members
hv013	byte	%8.0g	number of de facto members
hv014	byte	%8.0g	number of children 5 and under (de jure)

These variables are repeated in the PR file, on the record for each household member.

In the PR file, there is also a variable hv101, a relation to head code. You can use it to construct some indicators of household structure. You can also use hv112 and hv114 to link coresident children (age 0-17) with their mother and father. But for your question, as I understand it, it may be best to use the IR file.

Subject: Re: How many children per family
Posted by [Khawar](#) on Thu, 01 Aug 2024 08:27:11 GMT
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Dear Expert,

Thank you for your reply. I need a number of children under five in a household.

Basically, I am working on IR file. My independent variable is v106 and my dependent variable is v201. I need a variable that is correlated with v106. I tried with the v045c but this is not significant with the v106. Unfortunately, the distance to school variable is not available in DHS Pakistan. We are very restricted in our analysis due to this reason. I tried with s121a but in some languages against the dependent variable, there is no observation. How can I handle this variable in my model? The variable hc61_1 in the HR file, Is this the mother of the women in the IR file? Also, I need a variable that is a woman's brother, or some variable related to language. If there is a variable that is associated with v106 but not with v201 in the IR file, please let me know.

Your kind help is requested.

Subject: Re: How many children per family
Posted by [Janet-DHS](#) on Wed, 07 Aug 2024 14:27:48 GMT
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Following is a response from DHS staff member, Tom Pullum:

You are apparently looking for an instrumental variable. We cannot help you develop your econometric model.

In the HR and PR files, "the mother" refers to the mother of a specific child under 5, usually a woman in the IR file. It is definitely not the mother of that woman.

Note that v106 is a categorical (ordinal) variable, like many of the covariates in DHS files. It may be better to think in terms of association rather than correlation.

Subject: Re: How many children per family
Posted by [Khawar](#) on Thu, 08 Aug 2024 15:10:11 GMT
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Thank you for your reply.

Yes, I am searching for covariates that are associated with v106. can you please help me?

Subject: Re: How many children per family
Posted by [Bridgette-DHS](#) on Fri, 09 Aug 2024 13:31:58 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

Many outcomes and many covariates in DHS surveys are associated with level of education. The strength of the associations varies from one setting to another.

The standard coding of v106 has only four categories, and in most surveys most women are in just three categories--usually the lowest category is almost empty OR the highest category is almost empty. Other variables, such as "Education in single years" (usually v133) may be easier to work with.

DHS staff cannot help with your analysis. Perhaps other forum users will volunteer.
