## Subject: computation of sibling composition
Posted by devraj on Mon, 10 Apr 2017 09:25:50 GMT

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Hello everyone,

I want to compute sibling composition variable using DHS data for any country. whereas, sibling composition variable include number of older sisters and brothers each child has at the time of his/her birth.

please help on above issue

## Subject: Re: computation of sibling composition
Posted by HanR on Wed, 19 Apr 2017 07:14:19 GMT

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Hi,

I assume you are referring to sibling listing in the maternal mortality module. It is not quite clear; you may also be referring to the birth history. Below what you would need when referring to the sibling listing:

First you would need a survey with the maternal mortality module implemented, for example Zimbabwe DHS 2015.
Then take variables:

MMC1: Number of siblings of respondent (add one, the respondent, for total sibship size)

and

MMC2: Number of siblings born before respondent's birth

Then should have what you need.

Good luck with you analysis.

## Subject: Re: computation of sibling composition
Posted by devraj on Wed, 19 Apr 2017 09:04:34 GMT

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I am referring birth history data, then what should i do to calculate sex composition

Subject: Re: computation of sibling composition
Posted by HanR on Wed, 19 Apr 2017 09:19:54 GMT
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In that case you would use total number of children ever born in V201, the date of birth of the child in B3 (or you could also use B18 or B19 if available (only in very recent surveys)) and compare that to her/his brother/sisters.

Subject: Re: computation of sibling composition
Posted by devraj on Wed, 19 Apr 2017 09:57:15 GMT
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But i want to calculate number of older brother and sister, how can i compute it using b3 and v201

Subject: Re: computation of sibling composition
Posted by HanR on Wed, 19 Apr 2017 10:15:29 GMT
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You would take B3 of the child you want to know the number of older brothers/sisters for. You then look, in the birth history, how many brothers/sisters have a value of B3 smaller than the child you want to know the number of older brothers/sisters for.

Easier than that even would be to use the birth order of the child (BORD). You then know directly the total number of older children. Please note that there are twins (or even triplets) also.

Subject: Re: computation of sibling composition
Posted by devraj on Thu, 20 Apr 2017 04:51:35 GMT
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last night i tried to calculate it using Zimbabwe DHS 2015, but not able to compute it. Please kindly provide some information/guidance to computation of variable

Subject: Re: computation of sibling composition
Posted by HanR on Thu, 04 May 2017 09:40:44 GMT
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Actually there is no computation involved. You can take directly the value from variable BORD. This will tell you the birth order and with that the number of older siblings, if any.

Subject: Re: computation of sibling composition
Posted by v7tamrakar@gmail.com on Thu, 26 Apr 2018 06:38:13 GMT
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Dear sir,
     i am calculating sibling composition variable but how i can identify how many children the woman have?

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Subject: Re: computation of sibling composition
Posted by HanR on Thu, 26 Apr 2018 07:29:52 GMT
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Please look at a variable called V201 for children ever born of the respondent. When looking at total number of siblings of the respondent, please look for a variable called MMC1. Good luck with your analysis.

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Subject: Re: computation of sibling composition
Posted by v7tamrakar@gmail.com on Thu, 26 Apr 2018 08:53:17 GMT
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how i can identify this unused Rec84 in datasets.

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Subject: Re: computation of sibling composition
Posted by HanR on Thu, 26 Apr 2018 14:14:16 GMT
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I'm not sure I understand your question. Please elaborate some more. What is it you exactly want to do?

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Subject: Re: computation of sibling composition
Posted by v7tamrakar@gmail.com on Fri, 27 Apr 2018 06:53:04 GMT
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Hello Sir,
     I am interested in the household a pair of the male-female sibling.
Or also percentage distribution of sibling composition with a specific sex of the child.

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Subject: Re: computation of sibling composition
Posted by HanR on Mon, 30 Apr 2018 07:51:56 GMT
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Household members in DHS in general are defacto, or those who slept in the household the night preceding the survey. It will not be possible to get to complete sibling listings that way. Relationship structures will not always be clear and members of a sibship may be living outside the household also. This kind of analysis will be more meaningful using a sibling listing when a maternal mortality module is implemented or when using a birth or pregnancy history from one respondent.

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## Subject: Re: computation of sibling composition
Posted by v7tamrakar@gmail.com on Mon, 30 Apr 2018 08:11:37 GMT
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Dear Sir,
     Please give me the suggestion for computation of households with a pair of male-female siblings.
I am going to this calculation on birth order one who is having one male and female child. can you give me suggestion to right approach for computing or some other way.
Many thanks in advance.

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## Subject: Re: computation of sibling composition
Posted by Liz-DHS on Tue, 01 May 2018 17:12:00 GMT
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Dear User,
Please review the following resources: The Guide to DHS Statistics https://dhsprogram.com/publications/publication-dhsg1-dhs-questionna ires-and-manuals.cfm, The Standard Recode Manual https://dhsprogram.com/publications/publication-DHSG4-DHS-Questionna ires-and-Manuals.cfm and Using Datasets for Analysis https://dhsprogram.com/data/Using-Datasets-for-Analysis.cfm.  You may also want to post your code.  Others in the user community may be able to provide some guidance.  Please reveal the dataset and survey year you are analyzing.  Thank you!

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