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Subject: Blood pressure variable  
Posted by [Lingkan](#) on Mon, 27 Feb 2023 15:30:49 GMT  
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In the household data of Bangladesh, there are 13 variables from SB333AA\$01 to SB333AA\$14 showing average systolic blood pressure. Which one I will consider assessing blood pressure? My study population is postmenopausal women of 30-49 years.

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Subject: Re: Blood pressure variable  
Posted by [Janet-DHS](#) on Wed, 01 Mar 2023 21:00:09 GMT  
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Following is a response from DHS staff member, Tom Pullum:

I believe there have been postings on this, although not recently. The general rule for both systolic and diastolic is the following: (a) if there are 3 measurements, use the average of the 2nd and 3rd; (b) if there are 2 measurements, use the 2nd one; (c) if there is only one measurement, use it. Thus, the first measurement is not used at all unless it is the only one.

If you are trying to match a specific table in a report, please tell us which table.

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Subject: Re: Blood pressure variable  
Posted by [Lingkan](#) on Mon, 06 Mar 2023 07:42:46 GMT  
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I did not mean how to consider the final BP. I wanted to tell you, against average systolic BP, I found 13 numbers of columns having the same title as "average systolic blood pressure" in SPSS variable view. Which one will I consider for analysis?

#### File Attachments

1) [Screenshot 2023-03-06 134015.png](#), downloaded 109 times

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Subject: Re: Blood pressure variable  
Posted by [Janet-DHS](#) on Tue, 07 Mar 2023 21:34:31 GMT  
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Following is a response from DHS staff member, Tom Pullum:

I see that you are working with the HR file (BDHR7RFL.sps). This file has households as units and the subscripts which appear as %01 through %13 in SPSS or as \_01 through \_13 in Stata refer to individuals. In this survey up to 13 household members were given several different kinds of biomarker tests. The line number of the person in the household listing is given by SB301%01 through SB301%13. The data will be much easier to use if you switch to the PR file, where they

have been reorganized by the line number in the household listing, with one record per household member. In the PR file these variables do not have subscripts.

In the PR file, sex and age are given by hv104 and hv105, respectively. You can identify women age 30-49, but the PR file does not include anything to help you determine whether a woman is post menopausal. Relevant variables are in the women's (IR) file. The IR file does not include these biomarkers, so your analysis may require a merge of the PR and IR files..

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