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Subject: IPV and multi-level weights India data  
Posted by [ndeblingia](#) on Tue, 12 Apr 2022 19:15:27 GMT  
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Hi,

I am running an analysis with India DHS data. My outcome variable is IPV/domestic violence, and my independent variable is a district-level estimate of climate-related distress. I am using a multi level model to account for the clustering of observations within districts. I have followed the guidance from DHS MR 27 to calculate the multi-level domestic violence weights. However, in India, the level-2 weights are calculated at the cluster/PSU level. Each district consists of multiple clusters/PSUs in India. Can you please provide some guidance on what weights I should be using for my models with a district level variable? And for level 1, can I use the domestic violence weight on its own (d005/1000000)? Or should I use dwt1, calculated using the procedure outlined in MR 27?

Thank you very much.

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Subject: Re: IPV and multi-level weights India data  
Posted by [admin](#) on Fri, 15 Apr 2022 20:03:23 GMT  
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Following is response from DHS Research & Data Analysis Director, Tom Pullum:

To construct the weights for multi-level analysis with the NFHS-4 data, you need information that is not easily available. We have a special GitHub location for this:  
[https://github.com/DHSProgram/DHS-Analysis-Code/tree/main/Multi-level\\_Weights](https://github.com/DHSProgram/DHS-Analysis-Code/tree/main/Multi-level_Weights). You will see a folder for India. Please check that. If you still have questions, please let us know.

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