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Subject: Re: domestic violence weights at psu level  
Posted by [Bridgette-DHS](#) on Mon, 20 Mar 2023 13:47:04 GMT  
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Following is a response from Senior DHS staff member, Tom Pullum:

I'm not clear how you are calculating your PSU-level binary variable. Is it 1 if ANY woman in the PSU (cluster) reported IPV in the past 12 months, and 0 otherwise? Why would you define the covariate this way? If a cluster has more women in it, the probability that one of them will report IPV is greater.

If the cluster is the unit of analysis, then you need the cluster-level weight. I agree that it is not hv005, but it is complicated to calculate. We have had several postings on multi-level weights, including for the India surveys. These describe how to separate hv005 into a person-level weight and a cluster-level weight, the product of which is hv005. It sounds like you only need the cluster-level weight, but it's not easy to get.

With DHS data, the cases are individuals--household members or women or men. You can also use households as units. I recommend that you try to formulate your model so individuals (or households), rather than clusters, are the units. Otherwise you are not making full use of the data. Can you provide more explanation of your approach?