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Subject: Philippines Multilevel analysis

Posted by [Rhency Legaspi](#) on Fri, 21 May 2021 05:28:45 GMT

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Hi,

I have read the framework you released for weights approximation in doing multilevel analysis (<https://dhsprogram.com/pubs/pdf/MR27/MR27.pdf>). I have some questions specific to the Philippines DHS 2017 data.

1. I don't think the data on M\_h, the average number of households per cluster by strata, is available in the Philippine DHS data. What is available is the "Average PSU size in households" per REGION instead of strata. Strata in this case are provinces/cities within regions. Can I use that instead and assume that the number of households per PSU per clusters is the same for all strata belonging to the same region?

2. For S\_h which is the households selected per stratum, Philippines used two values: 26 for provinces and 20 for non-provinces. Should I use weighted average of that for S\_h?

Thank you very much.

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