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Subject: Weighting and Multilevel Logistic Regression

Posted by [gwaa](#) on Wed, 29 Jan 2020 02:19:44 GMT

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Dear DHS Specialists,

I have been reading the posts on the forum regarding the use of weights with multilevel analyses and wanted to check to see if there were any updates on recommendations on how to go about this. As another user pointed out, there are papers out there conducting multilevel analyses with DHS data. Since we cannot separate out the household weights from the cluster weights to incorporate them in the statistical coding (I am using SAS but I assume this is the case for all programs), does the DHS have any recommendations on how to go about running multilevel models with DHS data? Would you all recommend running unweighted models? Or would a weighted model including the survey design (i.e. survey procs) be more suitable? I would like to run multilevel models looking at childhood vaccinations and want to make sure I am going about it in the most proper way.

Any help or guidance on this from those at DHS or out in the forum would be greatly appreciated!

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