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Subject: Re: Multi-level approximated weights

Posted by [Bridgette-DHS](#) on Mon, 06 Feb 2023 18:17:17 GMT

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Following is a response from Senior DHS staff member, Tom Pullum:

MR27 includes some examples of when you would use the multi-level weights--that is, when you would need separate weights for clusters and individuals within clusters, rather than the product of those weights, which is v005 and is sufficient for most analyses. Strictly speaking, if your model includes cluster-level covariates that are aggregates of individual data (within clusters) or come from another source, such as the DHS spatial files, then you should use the separate weights. However, even for such a model, you can do preliminary analysis with just v005 (and svyset). When you shift to a multi-level model you are basically just expanding the svyset command to encompass covariates and sampling at both levels.

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