Subject: Multi-level approximated weights
Posted by Alessandra tangianu on Sat, 04 Feb 2023 12:53:12 GMT
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Hello,

(I just realised I posted on the wrong forum, I intended to write in the "weighting data" forum) However,
I have been following many threads on how to weight data for DHS surveys and learnt very much from this forum. I am doing a multilevel logit regression for 20 countries from sub-Saharan Africa and South Asia and I will look at community and country level variables. In the previous threads I could not yet find an answer to my question.

I understood the procedure and how to approximate level 1 and 2 weights following the MR27 report, but as I am also pooling many different countries together I am also de-normalizing and re-scaling the weights for each country in an equal way for each survey so that every country survey has the same weight. Moreover, domestic violence will be my dependent variable so I will have to use the d005 weight.

1. I was wondering in what order I should calculate these weights? Should I first give the equal weight and then calculate the multi-level weights?

2. At what point do I need to use them? For example, when simply inspecting my variables descriptively do I need to use the "normal" re-scaled weights or the approximated level weights ?

3. Is there any difference for domestic violence weights?

Thank you in advance for your help