
Subject: MULTILEVEL WEIGHT FOR DOMESTIC VIOLENCE MODULE

Posted by [wavogo](#) on Thu, 02 Jan 2025 03:25:22 GMT

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Dear DHS,

I am working on empowerment and Intimate Partner Violence (IPV) and have appended data from nine countries in West Africa (Benin, Burkina-Faso, Ivory Coast, Gambia, Ghana, Mali, Nigeria, Liberia, and Sierra Leone) that conducted the domestic violence module. As recommended, I used DHS coding to account for complex survey design as follows by setting up the svyset command in each country before appending.

****Set up weights**

****Add PSU variable**

```
gen psu = v021
```

****Add strata variable**

```
egen strata=group(v025 v024)
```

****Generate weight and all-woman weight to use for ever-married samples**

```
gen wt=d005/1000000
```

```
svyset [pweight=wt], psu(v021) strata(v023) singleunit(centered)
```

However, I am interested in multi-level logistic regression models of IPV experiences.

Level-1 (individual-level) and Level-2 (cluster-level) weights by de-normalizing the weights and creating adjusted weights based on a specific normalization factor.

I have used the recommended code in <https://www.dhsprogram.com/pubs/pdf/MR27/MR27.pdf> that was posted in the DHS forum by Bridgette-DHS on Friday, October 29, 2021 at 15:42 but get errors e.g. "gen d_HH = DHSwt * (M/m_c)
m_c not found"

Can you please help me figure out what I need to correctly run this code to create the level weights?

Thank you so much and standing by to clarify my challenges if you have questions.
