
Subject: Using weights for small geographical locations
Posted by [nobleman00](#) on Wed, 26 Nov 2014 01:29:12 GMT
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Hello,

I have a question regarding the sample weight (hv005) variable in the household dataset. I am currently analyzing household datasets (HR) for 40+ countries where GPS information is available. With two variables (hv201, hv205), I basically need to conduct the same analysis for two different levels: (1) sub-national boundary level of each country (hv024), (2) grid cell level (10km*10km) of each country. I created the grid-cell (10km*10km) level within a country in order to have smaller geographical units than sub-national boundaries.

When doing the analysis for (1) sub-national boundary level, I use the "hv005" variable whenever I produce some tables or collapse the datasets by sub-national boundary (hv024).

I was wondering if I can still use the same sample weight variable (hv005) when doing the analysis for (2) grid cell level (10km*10km) which shows smaller geographical units than sub-national boundary (hv024). I am asking this because I think I've read at some point that the "hv005" is designed to represent samples only at the sub-regional level (sub-national boundary) in a country. I wonder if I can still use hv005 when collapsing the dataset by the grid-cell (10km*10km) level which I intentionally created.

Thank you.
