Subject: Using normalized weight in analysis
Posted by kamal.chaulagain123@gmail on Sun, 01 Dec 2019 14:40:17 GMT

Hello everyone!!
I am doing an analysis with the cluster survey data. The normalized weight in all cluster is calculated to be 1. There is no difference in weighted and unweighted calculation. In this context, how can be analysis done? Is it a self -weighted data? I will be thankful for your help.

Subject: Re: Using normalized weight in analysis
Posted by Bridgette-DHS on Fri, 13 Dec 2019 12:17:53 GMT

Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

If you are using pweights in Stata, there is no need to normalize. Stata will automatically adjust the weights to have a mean value of 1.

All cases (households or women or men) in the same cluster always have the same weight. It will not be 1, but it will be the same value. Have you divided the household (etc.) weight by the cluster weight? That's not a correct way to normalize.

If you want to normalize the weights, i.e. to have a MEAN weight of 1, then calculate the mean weight for the entire sample (e.g. witn "summarize hv005") and divide hv005 by that value.

However, to repeat, there is no good reason to go through that step. You will get the same estimates whether or not you do that.