
Subject: Applying weights in a multi-country analysis

Posted by [ttuti](#) on Wed, 20 Jul 2016 12:35:04 GMT

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Hello,

I am conducting research into child malnutrition and I am using multi-level analysis. The sample is from Kenya 2014, Rwanda 2014, Ghana 2014, Namibia 2013 and Senegal 2014. However, I am unsure if my application of weights is appropriately used in my analysis. For the pooled analysis, I use the following formula:

$$\text{Weights} = (V005/100000) * (\text{Country sample size} / \text{Pooled Sample Size})$$

The purpose of using weights in my analysis is to account for the unequal probability of household selection. Is the use of my weights appropriate? If not, how do I remedy it?

Best wishes,
Tuti.
