
Subject: Re: domestic violence weights at psu level
Posted by [Bridgette-DHS](#) on Tue, 21 Mar 2023 11:39:21 GMT
[View Forum Message](#) <> [Reply to Message](#)

Following is a response from Senior DHS staff member, Tom Pullum:

The svyset component to adjust for clustering tends to increase the standard errors--that is, to increase the width of confidence intervals and make test statistics less significant. However, that is a correction you need to make. The adjustment for weights corrects for bias due to the over- and under-sampling of subpopulations, mainly the different strata. The adjustment for strata has an effect that counter-acts the effect of the adjustment for clustering. All three things are determined by the two-stage stratified cluster design of the survey.

It can be disappointing when an effect or interaction in your model is not significant, but that happens all the time. There can be many reasons, including the cross-sectional nature of the surveys and the limited sample size for some analyses. Omitting the svy adjustments in order to get better results is not an option.
