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Subject: Re: weights for ttest

Posted by [Reduced-For\(u\)m](#) on Thu, 27 Mar 2014 20:40:14 GMT

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Thanks for that Liz/Shea.

I've always needed a reason to check the equivalence of these two methods using DHS data, so I did a quick comparison of changes in HAZ over time in Bangladesh as a test case. Let me just confirm that both of these methods generate the same point estimates, and very similar standard errors (probably just rounding differences, and/or something about my specification of strata/psu across survey rounds - but the regression form generated slightly larger se's).

I would add that the regression version took me like 1/10th the time, but that was because retrieving the variance estimates from "svy: mean" took me a minute as they are returned in a matrix.

So point is - Fay: they both work, and statistical theory is vindicated!

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