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Subject: Re: Weighting district-level data

Posted by [Reduced-For\(u\)m](#) on Mon, 21 Dec 2015 21:08:13 GMT

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Re bootstrap: I think to account for the imprecision in the "first-stage" - meaning the calculation of the percentage of women using modern methods - you'd have to bootstrap BOTH stages. That is, draw a bootstrap sample of observations within each district, estimate the proportions, run the second-stage regression on those aggregate values, and then repeat that whole process. But that is just a suggestion - you'd have to check how people in your field do that (there are probably other ways, say via multi-level modeling, to make the same kind of corrections).

As for why the FE and DnD are so similar - if you have just 2 rounds, the FE and DnD should be doing pretty much the exact same thing (though perhaps with the algorithm you are using, come to slightly different numerical results). Or, if you mean that by "clustering" your estimates change very little - in effect (using the same regression model for point estimates) it should not change the point estimates at all, only the p-values/standard errors.

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