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Subject: estimating stratum effect after pooling DHS databases

Posted by [slolib86](#) on Wed, 29 Jul 2020 16:21:37 GMT

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Dear all,

I am pooling three DHS database 2012-2014 from Peru, and after setting the data with these commands:

```
egen cluster=group(survey v021)
egen stratum= group(survey v024 v025)
wgt=v005/100000
svyset[pw=wgt], psu(v021) strata(stratum)
```

where: v021 is the PSU, v024 is regions, v025 is the type of residence urban/rural, v005 is the sample weight, and survey is the year

Is there a way to estimate the stratum effect or v025 covariate effect by GLM or OLS?

Thank you so much in advance

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Subject: Re: estimating stratum effect after pooling DHS databases

Posted by [Bridgette-DHS](#) on Tue, 04 Aug 2020 13:17:12 GMT

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

I believe you are asking whether v025 can be included in a model even though it was included in svyset. Yes, you definitely can do that. The adjustments made by svyset do not affect the choice of covariates in any way.