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Subject: Multilevel analysis

Posted by [Ugonna](#) on Fri, 08 Oct 2021 03:51:26 GMT

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Hello everyone,

I am doing a multilevel analysis in stata and I have some challenges I would like to be cleared on.

To find out the proportion of women in the community with at least secondary education, I did this:

```
gen sec_edu=0
```

```
replace sec_edu=1 if mat_edu>=4 & mat_edu<=5
```

So, to obtain the proportion at the cluster level, please what is the most appropriate option amongst these...

```
egen sec_edu_prop = pc(sec_edu), prop by(v021)
```

OR

```
egen sec_edu_prop = mean(sec_edu), by(v021)
```

OR

```
egen sec_edu_prop = rowmean(sec_edu), by(v021)
```

Then while running the analysis, do I need to apply a different kind of weight other than this?

```
svyset[pw=wt],psu(v021)strata(v022) singleunit(center)
```

Thank you for your anticipated response.

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