
Subject: Re: Multilevel analysis

Posted by [Bridgette-DHS](#) on Mon, 11 Oct 2021 10:35:24 GMT

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

The usual variable for education is v106, with codes 0, 1, 2, 3. The recode would be

```
gen sec_edu=0
```

```
replace sec_edu=1 if v106>=2 & v106<=3
```

The cluster-level proportion would come from

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

The weights (v005) are the same for all the women in the same cluster. You can do the analysis with svyset as you give it (I would insert a space after "svyset"). However, because sec_edu_prop is the same for every woman in the same cluster, you could consider a multi-level model with women (or children) as level 1 and clusters as level 2. Methodological Report 27 (<https://www.dhsprogram.com/pubs/pdf/MR27/MR27.pdf>) will help if you go in that direction.
