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Subject: Re: Trend analysis with different number of 'PSU' and 'Strata'  
Posted by [Mason92](#) on Mon, 07 Mar 2022 20:38:56 GMT

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Thank you so much for the prompt and very clear guidance, I am very grateful.

So, using the appended datafile, would it be correct to look at trends by looking at each province/region individually (or two provinces/regions combined) that were collected in both surveys by using the Stata commands:

```
. svy: logit i.sample d105a if v024 == 1  
. svy: logit i.sample d105a if v024 == 1 2
```

\* The newly created variable in the appended file "sample" will be coded as 0 if data from PDHS 2012-13, and 1 if data from PDHS 2017-18

\* Variable v024 to be recoded as binary (0/1)

Finally, would it be statistically correct to analyze trends even if, for the same province/region, the number of clusters is different in the two surveys? Is there any rule-of-thumb when the number of clusters is different in two surveys?

Thank you.