
Subject: Re: Comparing variables across different years
Posted by [Reduced-For\(u\)m](#) on Tue, 07 Apr 2015 23:27:26 GMT
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You can add covariates to the model in exactly the same manner. Just instead of running a least-squares regression you run a logit:

```
local X "list variables here"
```

```
svy: logit Y `X' i.year, noconstant
```

Something like that. Or, if you wanted to compare changes in the X's over time, you could interact the variable with the survey year dummies, and run tests of statistical significance on the coefficient from the interaction term.

For your PSUs, just generate a new PSU variable that is $PSU * 10000 + SurveyYear$, and in your svyset command, set your cluster to that new PSU variable.