
Subject: Re: data mismatches
Posted by [jinxoxo](#) on Fri, 26 Dec 2014 08:57:03 GMT
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Hi. Good day, sir!

I am now in the middle of an analysis. I thank you so much for always accommodating and answering all my questions.

I have another problem with my study.

I generated "wife experience physical violence for the last 12 mos" with this: `gen victim = (inlist(d105a, 1, 2, 4) | inlist(d105b, 1, 2, 4) | inlist(d105c, 1, 2, 4) | inlist(d105d, 1, 2, 4) | inlist(d105e, 1, 2, 4) | inlist(d105f, 1, 2, 4) | inlist(d105g, 1, 2, 4) | inlist(d105j, 1, 2, 4)) if v502 > 0` I recoded 0 as No and 1 as Yes.

Next, I drop some unnecessary observations: `drop if v502 == 0`

I tried to run a logistic regression with a single independent variable and I got this:

```
. [i]logistic victim v012 if v024 == 1 [iw=d005/1000000][/i]
```

```
Logistic regression                Number of obs =    942
                                LR chi2(1)    =    15.23
                                Prob > chi2    =    0.0001
Log likelihood = -215.9921          Pseudo R2    =    0.0341
```

```
-----+-----
victim | Odds Ratio  Std. Err.   z   P>|z|   [95% Conf. Interval]
-----+-----
v012 | .9359899   .0163611  -3.78  0.000   .9044659   .9686127
_cons | .435881    .2389604  -1.51  0.130   .1488397   1.276489
-----+-----
```

Question: Why do I always get 942 observations when I actually used weights in the data? I expected that the number of observations would be 1144.

Again, thank you ... and merry Xmas! :)
