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Subject: Re: accounting clustering effects of women's data when using baby-based analysis

Posted by [rkinoshita](#) on Sat, 28 Sep 2013 10:22:43 GMT

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hi, and if you could look at below outputs from STATA and let me know what you think. When I used vce option, the results for vce (robust) and vce (cluster...) are very different. do you know why?

thanks

```
. regress IPVlife neonatal, vce (cluster HHCLUST)
```

```
Linear regression                Number of obs = 32115
                                F( 1, 730) = 2.54
                                Prob > F   = 0.1117
                                R-squared    = 0.0001
                                Root MSE   = .42334
```

(Std. Err. adjusted for 731 clusters in HHCLUST)

```
-----+-----
            |               Robust
IPVlife |   Coef.  Std. Err.   t   P>|t|   [95% Conf. Interval]
-----+-----
neonatal | .0337656 .0212035   1.59  0.112   -0.0078615   .0753928
   _cons | 1.699111 .0427602  39.74  0.000   1.615164   1.783059
-----+-----
```

```
regress IPVlife neonatal, vce(robust)
```

```
Linear regression                Number of obs = 32115
                                F( 1, 32113) = 3.34
                                Prob > F   = 0.0674
                                R-squared    = 0.0001
                                Root MSE   = .42334
```

```
-----+-----
            |               Robust
IPVlife |   Coef.  Std. Err.   t   P>|t|   [95% Conf. Interval]
-----+-----
neonatal | .0337656 .0184639   1.83  0.067   -0.0024243   .0699556
   _cons | 1.699111 .0366966  46.30  0.000   1.627184   1.771038
-----+-----
```

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