

```
. clear

. use "/Users/piamahajan/Downloads/SMOKE.DTA"

. do "/var/folders/hb/4w74b6js2zb3r541xl0pltfh0000gn/T//SD00464.000000"

. poisson cigs restaurn age agesq educ lcigpric lincome
```

```
Iteration 0:    log likelihood = -8112.9131
Iteration 1:    log likelihood = -8112.5924
Iteration 2:    log likelihood = -8112.5924
```

Poisson regression

```
Number of obs =      807
LR chi2(6)      = 1066.56
Prob > chi2     =  0.0000
Pseudo R2      =  0.0617
```

Log likelihood = -8112.5924

cigs	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
restaurn	-.3584871	.0310203	-11.56	0.000	-.4192858	-.2976883
age	.1140694	.0049716	22.94	0.000	.1043252	.1238136
agesq	-.0013687	.000057	-24.02	0.000	-.0014804	-.001257
educ	-.0594734	.0042587	-13.97	0.000	-.0678204	-.0511264
lcigpric	-.0981638	.143279	-0.69	0.493	-.3789855	.182658
lincome	.104777	.0202578	5.17	0.000	.0650725	.1444816
_cons	.3087856	.6109405	0.51	0.613	-.8886358	1.506207

```
. poisson cigs restaurn age agesq educ lcigpric lincome, vce(robust)
```

```
Iteration 0:    log pseudolikelihood = -8112.9131
```

```
Iteration 1:    log pseudolikelihood = -8112.5924
```

```
Iteration 2:    log pseudolikelihood = -8112.5924
```

Poisson regression

Number of obs = 807

Wald chi2(6) = 53.57

Prob > chi2 = 0.0000

Pseudo R2 = 0.0617

Log pseudolikelihood = -8112.5924

cigs	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
restaurn	-.3584871	.1383937	-2.59	0.010	-.6297338	-.0872403
age	.1140694	.021313	5.35	0.000	.0722967	.155842
agesq	-.0013687	.0002457	-5.57	0.000	-.0018502	-.0008872
educ	-.0594734	.0192268	-3.09	0.002	-.0971573	-.0217895
lcigpric	-.0981638	.6670028	-0.15	0.883	-1.405465	1.209138
lincome	.104777	.0830233	1.26	0.207	-.0579456	.2674997
_cons	.3087856	2.946721	0.10	0.917	-5.466682	6.084253

```
.  
end of do-file
```