

```

. gen l_earn=ln(earnwke)

. gen l_earn1=ln(earnwkel)
(1844 missing values generated)

. gen l_earn2=ln(earnwke2)
(1844 missing values generated)

. reg l_earn yrs_edu [w= earnwt]
(analytic weights assumed)
(sum of wgt is 1.7351e+007)

```

Source	SS	df	MS	Number of obs =	1874
Model	223.981775	1	223.981775	F(1, 1872) =	457.80
Residual	915.89295	1872	.489259054	Prob > F =	0.0000
				R-squared =	0.1965
				Adj R-squared =	0.1961
Total	1139.87473	1873	.608582341	Root MSE =	.69947

l_earn	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
yrs_edu	.1436804	.0067152	21.396	0.000	.1305103 .1568505
_cons	4.02944	.0835758	48.213	0.000	3.865528 4.193351

```

. reg l_earn1 yrs_edu1

```

Source	SS	df	MS	Number of obs =	30
Model	5.97618096	1	5.97618096	F(1, 28) =	16.51
Residual	10.1358503	28	.361994654	Prob > F =	0.0004
				R-squared =	0.3709
				Adj R-squared =	0.3484
Total	16.1120313	29	.555587285	Root MSE =	.60166

l_earn1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
yrs_edu1	.2311328	.0568854	4.063	0.000	.1146083 .3476572
_cons	2.693752	.6951509	3.875	0.001	1.2698 4.117705

```

. reg l_earn2 yrs_edu2

```

Source	SS	df	MS	Number of obs =	30
Model	4.10117908	1	4.10117908	F(1, 28) =	7.02
Residual	16.3677218	28	.584561494	Prob > F =	0.0131
				R-squared =	0.2004
				Adj R-squared =	0.1718
Total	20.4689009	29	.705824169	Root MSE =	.76457

l_earn2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
yrs_edu2	.1613838	.0609285	2.649	0.013	.0365774 .2861903
_cons	3.90545	.7722958	5.057	0.000	2.323474 5.487427

```

. sum earnwke yrs_edu l_earn

```

Variable	Obs	Mean	Std. Dev.	Min	Max
earnwke	1874	441.3554	314.3861	4	1923
yrs_edu	1874	12.34152	2.432805	4	18
l_earn	1874	5.823617	.78994	1.386294	7.561642

```

. sum earnwkel yrs_edu1 l_earn1

```

Variable	Obs	Mean	Std. Dev.	Min	Max
earnwke1	30	314.3	253.9458	52	1173
yrs_edu1	30	12.06667	1.964045	8	17
l_earn1	30	5.482754	.7453773	3.951244	7.06732

. sum earnwke2 yrs_edu2 l_earn2

Variable	Obs	Mean	Std. Dev.	Min	Max
earnwke2	30	518.4333	440.638	85	1634
yrs_edu2	30	12.46667	2.330211	8	16
l_earn2	30	5.917369	.8401334	4.442651	7.398786

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