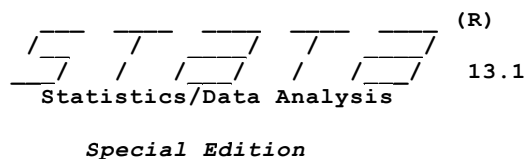


User: Parmveer N
Project: Assignment 3



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Notes:

1. (/v# option or -set maxvar-) 5000 maximum variables

```
1 . use "\\Client\C$\Users\parmy\Documents\Parmveer's Folder\Econ 3210\assignment 3\disc
> rim.dta", clear

2 . gen x = ln(psoda)
(8 missing values generated)

3 . gen y = ln(income)
(1 missing value generated)

4 . regress x prpblck y prppov
```

Source	SS	df	MS	Number of obs =	401
Model	.250340622	3	.083446874	F(3, 397) =	12.60
Residual	2.62840943	397	.006620679	Prob > F =	0.0000
				R-squared =	0.0870
				Adj R-squared =	0.0801
Total	2.87875005	400	.007196875	Root MSE =	.08137

x	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
prpblck	.0728072	.0306756	2.37	0.018	.0125003	.1331141
y	.1369553	.0267554	5.12	0.000	.0843552	.1895553
prppov	.38036	.1327903	2.86	0.004	.1192999	.6414201
_cons	-1.463333	.2937111	-4.98	0.000	-2.040756	-.8859092

```
5 . corr y prppov
(obs=409)
```

	y	prppov
y	1.0000	
prppov	-0.8385	1.0000

```

6 . gen z = ln(hseval)
  (1 missing value generated)

7 . regress x prpbldk y prppov z

```

Source	SS	df	MS	Number of obs = 401		
Model	.529488085	4	.132372021	F(4, 396) = 22.31		
Residual	2.34926197	396	.00593248	Prob > F = 0.0000		
Total	2.87875005	400	.007196875	R-squared = 0.1839		
				Adj R-squared = 0.1757		
				Root MSE = .07702		

x	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
prpbldk	.0975502	.0292607	3.33	0.001	.0400244	.155076
y	-.0529904	.0375261	-1.41	0.159	-.1267657	.0207848
prppov	.0521229	.1344992	0.39	0.699	-.2122989	.3165447
z	.1213056	.0176841	6.86	0.000	.0865392	.1560721
_cons	-.8415149	.2924318	-2.88	0.004	-1.416428	-.2666019

```

8 .

```