

Stata/MP 12.1 - D:\Documents\Thammasat\teaching\EE425\statafiles\CEOSAL2.DTA - [Results]

File Edit Data Graphics Statistics User Window Help

Review

#	Command	_rc
1	use "D:\Documents\...	
2	browse	
3	des	
4	correlate salary sales ...	
5	regress salary profits	
6	predict y_hat, xb	
7	predict u_hat, residual	
8	twoway scatter salar...	
9	twoway scatter u_hat...	
10	correlate sales u_hat	
11	sum if ceoten == 1	
12	tab ceutem	111
13	tab ceoten	
14	twoway scatter salar...	
15	set scheme, s1color	198
16	set scheme s1color	
17	twoway scatter salar...	
18	set scheme s2color	
19	twoway scatter salar...	

(obs=177)

	salary	sales	profits
salary	1.0000		
sales	0.3802	1.0000	
profits	0.3939	0.7983	1.0000

. regress salary profits

Source	SS	df	MS
Model	9429597.62	1	9429597.62
Residual	51336367.1	175	293350.669
Total	60765964.7	176	345261.163

Number of obs = 177
F(1, 175) = 32.14
Prob > F = 0.0000
R-squared = 0.1552
Adj R-squared = 0.1504
Root MSE = 541.62

	salary	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
profits		.5722961	.100941	5.67	0.000	.3730776 .7715146
_cons		746.9238	45.79794	16.31	0.000	656.5364 837.3112

. predict y_hat, xb

. predict u_hat, residual

. twoway scatter salary profits || line y_hat profits

. twoway scatter u_hat profits

Variables

Variable
salary
age
college
grad
comten
ceoten
sales
profits
mktval
lsalary
lsales
lmktval
comtensq
ceotensq
profmarg
y_hat
u_hat

Properties

Variables

Name	Label	Type	Format	Value Lab	Notes
salary	1990 con	int	%9.0g		

Data

Filename CEOSAL2

Command