



Special Edition

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Notes:

1. Unicode is supported; see [help unicode advice](#).

```
. import excel "C:\Users\local-admin\Desktop\Quadrat analyses used for STATA.xlsx", sheet("x0_G60")
```

```
. regress CT pt_count
```

Source	SS	df	MS	Number of obs	=	160
Model	10506.36	1	10506.36	F(1, 158)	=	863.90
Residual	1921.52823	158	12.1615711	Prob > F	=	0.0000
				R-squared	=	0.8454
				Adj R-squared	=	0.8444
Total	12427.8882	159	78.1628188	Root MSE	=	3.4873

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pt_count	1.094215	.0372281	29.39	0.000	1.020686 1.167744
_cons	2.598109	.294829	8.81	0.000	2.015794 3.180423

```
. estat ic
```

Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	160	-575.2321	-425.8863	2	855.7727	861.923

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

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. regress CT pl_count
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Source	SS	df	MS	Number of obs	=	160
Model	11962.2054	1	11962.2054	F(1, 158)	=	4058.62
Residual	465.682826	158	2.94735966	Prob > F	=	0.0000
				R-squared	=	0.9625
				Adj R-squared	=	0.9623
Total	12427.8882	159	78.1628188	Root MSE	=	1.7168

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pl_count	.8442006	.0132512	63.71	0.000	.8180282 .8703731
_cons	-.5941636	.167587	-3.55	0.001	-.9251633 -.2631639

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	160	-575.2321	-312.4966	2	628.9933	635.1436

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

```
. regress CT mkb_count
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Source	SS	df	MS	Number of obs	=	160
Model	12160.9228	1	12160.9228	F(1, 158)	=	7197.28
Residual	266.965382	158	1.68965431	Prob > F	=	0.0000
Total	12427.8882	159	78.1628188	R-squared	=	0.9785
				Adj R-squared	=	0.9784
				Root MSE	=	1.2999

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
mkb_count	.9000042	.0106087	84.84	0.000	.8790512 .9209573
_cons	-.4344037	.125442	-3.46	0.001	-.6821632 -.1866442

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	160	-575.2321	-267.9858	2	539.9716	546.1219

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

```
. import excel "C:\Users\local-admin\Desktop\Quadrat analyses used for STATA.xlsx", sheet("x0_D1_0")
```

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. regress CT pt_count
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Source	SS	df	MS	Number of obs	=	128
Model	5988.78291	1	5988.78291	F(1, 126)	=	561.87
Residual	1342.98098	126	10.6585792	Prob > F	=	0.0000
Total	7331.76389	127	57.7304243	R-squared	=	0.8168
				Adj R-squared	=	0.8154
				Root MSE	=	3.2647

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pt_count	1.091675	.0460547	23.70	0.000	1.000534 1.182816
_cons	2.431683	.3132851	7.76	0.000	1.811701 3.051665

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	128	-440.6924	-332.0636	2	668.1272	673.8313

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

. regress CT pl_count

Source	SS	df	MS	Number of obs	=	128
Model	6991.19004	1	6991.19004	F(1, 126)	=	2586.49
Residual	340.573852	126	2.70296708	Prob > F	=	0.0000
				R-squared	=	0.9535
				Adj R-squared	=	0.9532
Total	7331.76389	127	57.7304243	Root MSE	=	1.6441

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pl_count	.831841	.0163563	50.86	0.000	.7994723 .8642096
_cons	-.3829924	.1835877	-2.09	0.039	-.746307 -.0196779

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	128	-440.6924	-244.2546	2	492.5093	498.2133

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

. regress CT mkb_count

Source	SS	df	MS	Number of obs	=	128
Model	7173.13625	1	7173.13625	F(1, 126)	=	5697.72
Residual	158.627644	126	1.25894955	Prob > F	=	0.0000
				R-squared	=	0.9784
				Adj R-squared	=	0.9782
Total	7331.76389	127	57.7304243	Root MSE	=	1.122

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
mkb_count	.8850318	.0117249	75.48	0.000	.8618286 .9082349
_cons	-.3952182	.1247965	-3.17	0.002	-.6421868 -.1482495

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	128	-440.6924	-195.354	2	394.708	400.4121

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

. import excel "C:\Users\local-admin\Desktop\Quadrat analyses used for STATA.xlsx", sheet("x0_B17")

. regress CT pt_count

Source	SS	df	MS	Number of obs	=	45
Model	1233.27414	1	1233.27414	F(1, 43)	=	64.12
Residual	827.071534	43	19.2342217	Prob > F	=	0.0000
				R-squared	=	0.5986
				Adj R-squared	=	0.5892
Total	2060.34568	44	46.8260382	Root MSE	=	4.3857

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pt_count	2.097537	.2619492	8.01	0.000	1.569266 2.625808
_cons	7.90825	.7305415	10.83	0.000	6.434973 9.381528

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll (null)	ll (model)	df	AIC	BIC
.	45	-149.8915	-129.3549	2	262.7098	266.3231

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

. regress CT pl_count

Source	SS	df	MS	Number of obs	=	45
Model	2013.20554	1	2013.20554	F(1, 43)	=	1836.39
Residual	47.1401355	43	1.09628222	Prob > F	=	0.0000
Total	2060.34568	44	46.8260382	R-squared	=	0.9771
				Adj R-squared	=	0.9766
				Root MSE	=	1.047

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pl_count	.655791	.0153032	42.85	0.000	.6249291 .6866529
_cons	-.0615765	.2920914	-0.21	0.834	-.650635 .527482

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll (null)	ll (model)	df	AIC	BIC
.	45	-149.8915	-64.89764	2	133.7953	137.4086

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

. regress CT mkb_count

Source	SS	df	MS	Number of obs	=	45
Model	2024.58452	1	2024.58452	F(1, 43)	=	2434.40
Residual	35.7611629	43	.83165495	Prob > F	=	0.0000
Total	2060.34568	44	46.8260382	R-squared	=	0.9826
				Adj R-squared	=	0.9822
				Root MSE	=	.91195

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
mkb_count	.8023924	.0162626	49.34	0.000	.7695957 .8351891
_cons	-.8576221	.2676616	-3.20	0.003	-1.397413 -.3178311

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll (null)	ll (model)	df	AIC	BIC
.	45	-149.8915	-58.68173	2	121.3635	124.9768

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

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. import excel "C:\Users\local-admin\Desktop\Quadrat analyses used for STATA.xlsx", sheet("C73m")
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. regress CT pt_count
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Source	SS	df	MS	Number of obs	=	50
Model	246.46395	1	246.46395	F(1, 48)	=	32.45
Residual	364.578272	48	7.59538067	Prob > F	=	0.0000
				R-squared	=	0.4034
				Adj R-squared	=	0.3909
Total	611.042222	49	12.4702494	Root MSE	=	2.756

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pt_count	1.153353	.2024699	5.70	0.000	.7462604 1.560447
_cons	9.648244	.4509219	21.40	0.000	8.741605 10.55488

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	50	-133.5255	-120.6149	2	245.2298	249.0538

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

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. regress CT pl_count
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Source	SS	df	MS	Number of obs	=	50
Model	535.891676	1	535.891676	F(1, 48)	=	342.28
Residual	75.1505458	48	1.56563637	Prob > F	=	0.0000
				R-squared	=	0.8770
				Adj R-squared	=	0.8745
Total	611.042222	49	12.4702494	Root MSE	=	1.2513

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
pl_count	.7331541	.039628	18.50	0.000	.6534767 .8128316
_cons	-1.508957	.6957622	-2.17	0.035	-2.907881 -.1100334

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	50	-133.5255	-81.13369	2	166.2674	170.0914

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#).

```
. regress CT mkb_count
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Source	SS	df	MS	Number of obs	=	50
Model	552.011358	1	552.011358	F(1, 48)	=	448.86
Residual	59.0308639	48	1.22980966	Prob > F	=	0.0000
				R-squared	=	0.9034
				Adj R-squared	=	0.9014
Total	611.042222	49	12.4702494	Root MSE	=	1.109

CT	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
mkb_count	.6212893	.0293251	21.19	0.000	.5623273 .6802512
_cons	1.794622	.4592719	3.91	0.000	.8711942 2.71805

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Akaike's information criterion and Bayesian information criterion

Model	Obs	ll (null)	ll (model)	df	AIC	BIC
.	50	-133.5255	-75.09786	2	154.1957	158.0198

Note: N=Obs used in calculating BIC; see **[R] BIC note.**

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