

The SAS System

Obs	rent	pop	avginc	pctstu	city	year	lpop	lrent	lavginc	y90
1	197	75211	11537	20.3468	1	80	11.2281	5.28320	9.3533	0
2	342	77759	19568	23.1703	1	90	11.2614	5.83481	9.8817	1
3	323	106743	19841	21.0431	2	80	11.5782	5.77765	9.8955	0
4	496	141865	31885	20.9840	2	90	11.8626	6.20658	10.3699	1
5	216	36608	11455	32.3618	3	80	10.5080	5.37528	9.3462	0
6	351	42099	21202	24.3830	3	90	10.6478	5.86079	9.9619	1
7	267	36640	14682	37.7320	4	80	10.5089	5.58725	9.5944	0
8	588	46209	29044	39.3278	4	90	10.7409	6.37673	10.2766	1
9	475	62134	31300	13.1571	5	80	11.0370	6.16331	10.3514	0
10	925	110330	56307	16.5005	5	90	11.6112	6.82979	10.9386	1
11	276	118550	16291	10.3104	6	80	11.6831	5.62040	9.6984	0
12	630	132605	35103	11.4566	6	90	11.7951	6.44572	10.4660	1
13	302	76685	16744	27.0248	7	80	11.2475	5.71043	9.7258	0
14	521	83312	29407	29.7784	7	90	11.3303	6.25575	10.2890	1
15	257	65092	15773	26.3227	8	80	11.0836	5.54908	9.6661	0
16	422	87758	26826	24.3590	8	90	11.3823	6.04501	10.1971	1
17	253	126109	11683	12.6946	9	80	11.7449	5.53339	9.3659	0
18	568	130474	25811	14.5715	9	90	11.7789	6.34212	10.1586	1
19	242	81371	12586	30.1434	10	80	11.3068	5.48894	9.4403	0
20	383	84770	21077	30.7031	10	90	11.3477	5.94803	9.9559	1
21	228	81548	11750	27.8793	11	80	11.3089	5.42935	9.3716	0
22	444	124773	23453	27.2335	11	90	11.7343	6.09582	10.0628	1
23	187	42549	10018	34.9315	12	80	10.6584	5.23111	9.2121	0
24	347	45734	14286	40.2239	12	90	10.7306	5.84932	9.5670	1
25	243	58133	14894	33.5988	13	80	10.9705	5.49306	9.6087	0
26	422	63502	22967	33.1801	13	90	11.0588	6.04501	10.0418	1
27	336	73706	21715	16.5726	14	80	11.2078	5.81711	9.9858	0
28	636	73233	22346	20.3283	14	90	11.2014	6.45520	10.0144	1
29	210	52044	10933	49.4178	15	80	10.8598	5.34711	9.2995	0
30	403	60633	18393	49.2900	15	90	11.0126	5.99894	9.8197	1
31	195	77216	13459	17.6362	16	80	11.2544	5.27300	9.5074	0
32	325	71305	19353	22.1569	16	90	11.1747	5.78383	9.8706	1

33	251	45775	16104	44.7078	17	80	10.7315	5.52545	9.6868	0
34	404	47198	24636	45.7964	17	90	10.7621	6.00141	10.1120	1
35	234	50508	14417	36.2299	18	80	10.8299	5.45532	9.5762	0
36	414	59738	24565	39.3518	18	90	10.9977	6.02587	10.1091	1
37	248	52738	13180	36.6112	19	80	10.8731	5.51343	9.4865	0
38	415	65608	22900	34.3068	19	90	11.0915	6.02828	10.0389	1
39	224	32644	13030	28.3452	20	80	10.3934	5.41165	9.4750	0
40	396	37712	21531	32.4114	20	90	10.5377	5.98141	9.9772	1
41	194	40450	12195	21.1397	21	80	10.6078	5.26786	9.4088	0
42	332	40641	20043	17.4356	21	90	10.6125	5.80513	9.9056	1
43	239	219419	15158	11.2716	22	80	12.2987	5.47646	9.6263	0
44	354	219531	21898	13.3617	22	90	12.2992	5.86930	9.9942	1
45	257	95322	14211	24.5515	23	80	11.4650	5.54908	9.5618	0
46	538	95802	33140	25.4316	23	90	11.4700	6.28786	10.4085	1
47	248	51392	15000	62.8289	24	80	10.8472	5.51343	9.6158	0
48	451	50677	24719	63.2318	24	90	10.8332	6.11147	10.1153	1
49	232	79722	14620	21.7506	25	80	11.2863	5.44674	9.5901	0
50	403	80277	23207	22.8596	25	90	11.2932	5.99894	10.0522	1
51	309	107966	18316	32.9993	26	80	11.5896	5.73334	9.8155	0
52	568	109592	33344	32.9166	26	90	11.6045	6.34212	10.4146	1
53	238	42566	15367	20.1358	27	80	10.6588	5.47227	9.6400	0
54	399	48812	24004	24.3567	27	90	10.7957	5.98896	10.0860	1
55	197	40829	10983	18.1048	28	80	10.6171	5.28320	9.3041	0
56	304	41882	21174	20.7798	28	90	10.6426	5.71703	9.9605	1
57	236	62061	13651	35.7745	29	80	11.0359	5.46383	9.5216	0
58	382	69101	22059	32.0777	29	90	11.1433	5.94542	10.0015	1
59	231	171932	17094	14.5366	30	80	12.0549	5.44242	9.7465	0
60	379	191972	28056	15.4273	30	90	12.1651	5.93754	10.2420	1
61	215	45086	13593	12.5205	31	80	10.7163	5.37064	9.5173	0
62	366	62126	23648	14.4899	31	90	11.0369	5.90263	10.0710	1
63	230	28732	10294	49.3283	32	80	10.2658	5.43808	9.2393	0
64	493	29541	25152	55.3840	32	90	10.2935	6.20051	10.1327	1
65	212	101727	12511	14.3394	33	80	11.5300	5.35659	9.4344	0
66	456	101082	17738	17.4462	33	90	11.5237	6.12249	9.7835	1
67	210	170105	12321	12.4270	34	80	12.0442	5.34711	9.4191	0

	409	163860	21242	14.4654	34	90	12.0068	6.01372	9.9637	1
69	256	32421	15744	44.2244	35	80	10.3866	5.54518	9.6642	0
70	489	38719	30489	39.6679	35	90	10.5641	6.19236	10.3251	1
71	225	100831	12845	14.7405	36	80	11.5212	5.41610	9.4607	0
72	440	136611	24354	13.5319	36	90	11.8249	6.08677	10.1005	1
73	255	150255	17022	10.9800	37	80	11.9201	5.54126	9.7423	0
74	479	207951	32451	14.0120	37	90	12.2451	6.17170	10.3875	1
75	231	35740	13471	29.2753	38	80	10.4840	5.44242	9.5083	0
76	374	44972	12206	27.7284	38	90	10.7138	5.92426	9.4097	1
77	228	61383	17065	13.9029	39	80	11.0249	5.42935	9.7448	0
78	355	74111	25326	16.1083	39	90	11.2133	5.87212	10.1396	1
79	216	43765	16009	18.1858	40	80	10.6866	5.37528	9.6809	0
80	367	49425	25456	21.2322	40	90	10.8082	5.90536	10.1447	1
81	252	25728	13521	53.5953	41	80	10.1553	5.52943	9.5120	0
82	393	28176	21766	51.0860	41	90	10.2462	5.97381	9.9881	1
83	248	26164	13891	38.3351	42	80	10.1721	5.51343	9.5390	0
84	401	28835	21463	43.7350	42	90	10.2693	5.99396	9.9741	1
85	244	68020	15555	24.5354	43	80	11.1276	5.49717	9.6521	0
86	362	80071	25165	22.1691	43	90	11.2907	5.89164	10.1332	1
87	219	38268	11102	47.2928	44	80	10.5524	5.38907	9.3149	0
88	354	36676	18501	40.8223	44	90	10.5099	5.86930	9.8256	1
89	245	40960	13621	39.2383	45	80	10.6204	5.50126	9.5194	0
90	385	44757	23212	35.4626	45	90	10.7090	5.95324	10.0524	1
91	249	105624	14959	18.1578	46	80	11.5676	5.51745	9.6131	0
92	425	112669	25369	19.0292	46	90	11.6322	6.05209	10.1413	1
93	225	564871	14834	10.3562	47	80	13.2444	5.41610	9.6047	0
94	422	632910	26651	11.6995	47	90	13.3581	6.04501	10.1906	1
95	266	36130	9771	67.4177	48	80	10.4949	5.58350	9.1872	0
96	490	38923	18257	71.2098	48	90	10.5693	6.19441	9.8123	1
97	203	101208	12393	17.1192	49	80	11.5249	5.31321	9.4249	0
98	392	98052	23216	17.6559	49	90	11.4933	5.97126	10.0526	1
99	203	175030	11971	13.0275	50	80	12.0727	5.31321	9.3902	0
100	332	165121	19923	13.0837	50	90	12.0144	5.80513	9.8996	1
101	226	32845	14295	19.7747	51	80	10.3996	5.42053	9.5677	0
102	388	44922	26394	18.2450	51	90	10.7127	5.96101	10.1809	1

	282	37272	9789	60.5146	52	80	10.5260	5.64191	9.1890	0
104	428	52456	9262	59.5013	52	90	10.8677	6.05912	9.1337	1
105	245	173979	15732	13.4482	53	80	12.0667	5.50126	9.6635	0
106	381	186206	24130	15.2100	53	90	12.1346	5.94280	10.0912	1
107	194	27149	11713	28.2036	54	80	10.2091	5.26786	9.3685	0
108	346	30872	15917	32.3594	54	90	10.3376	5.84644	9.6751	1
109	207	101261	12007	12.7226	55	80	11.5255	5.33272	9.3932	0
110	353	103590	17852	15.7428	55	90	11.5482	5.86647	9.7899	1
111	198	26844	12693	29.2915	56	80	10.1978	5.28827	9.4488	0
112	328	32762	21312	28.1790	56	90	10.3970	5.79301	9.9670	1
113	186	74108	12647	36.3335	57	80	11.2133	5.22575	9.4452	0
114	336	86835	21162	35.9717	57	90	11.3718	5.81711	9.9600	1
115	243	37312	13048	23.3142	58	80	10.5271	5.49306	9.4764	0
116	493	39127	25523	25.4862	58	90	10.5746	6.20051	10.1473	1
117	268	39916	13942	22.1966	59	80	10.5945	5.59099	9.5427	0
118	469	40341	18592	23.9384	59	90	10.6051	6.15060	9.8305	1
119	204	63684	12540	9.9413	60	80	11.0617	5.31812	9.4367	0
120	311	54844	18276	12.7872	60	90	10.9122	5.73979	9.8133	1
121	220	27605	10994	42.6300	61	80	10.2258	5.39363	9.3051	0
122	355	25879	18022	45.8673	61	90	10.1612	5.87212	9.7993	1
123	225	51509	14457	18.6569	62	80	10.8495	5.41610	9.5789	0
124	352	56856	24735	18.7139	62	90	10.9483	5.86363	10.1160	1
125	220	48347	13458	18.7209	63	80	10.7862	5.39363	9.5073	0
126	344	51003	21947	19.5302	63	90	10.8396	5.84064	9.9964	1
127	243	170616	16510	21.9645	64	80	12.0472	5.49306	9.7117	0
128	472	191262	29420	23.3193	64	90	12.1614	6.15698	10.2894	1

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: Irent

Number of Observations Read	128
Number of Observations Used	128

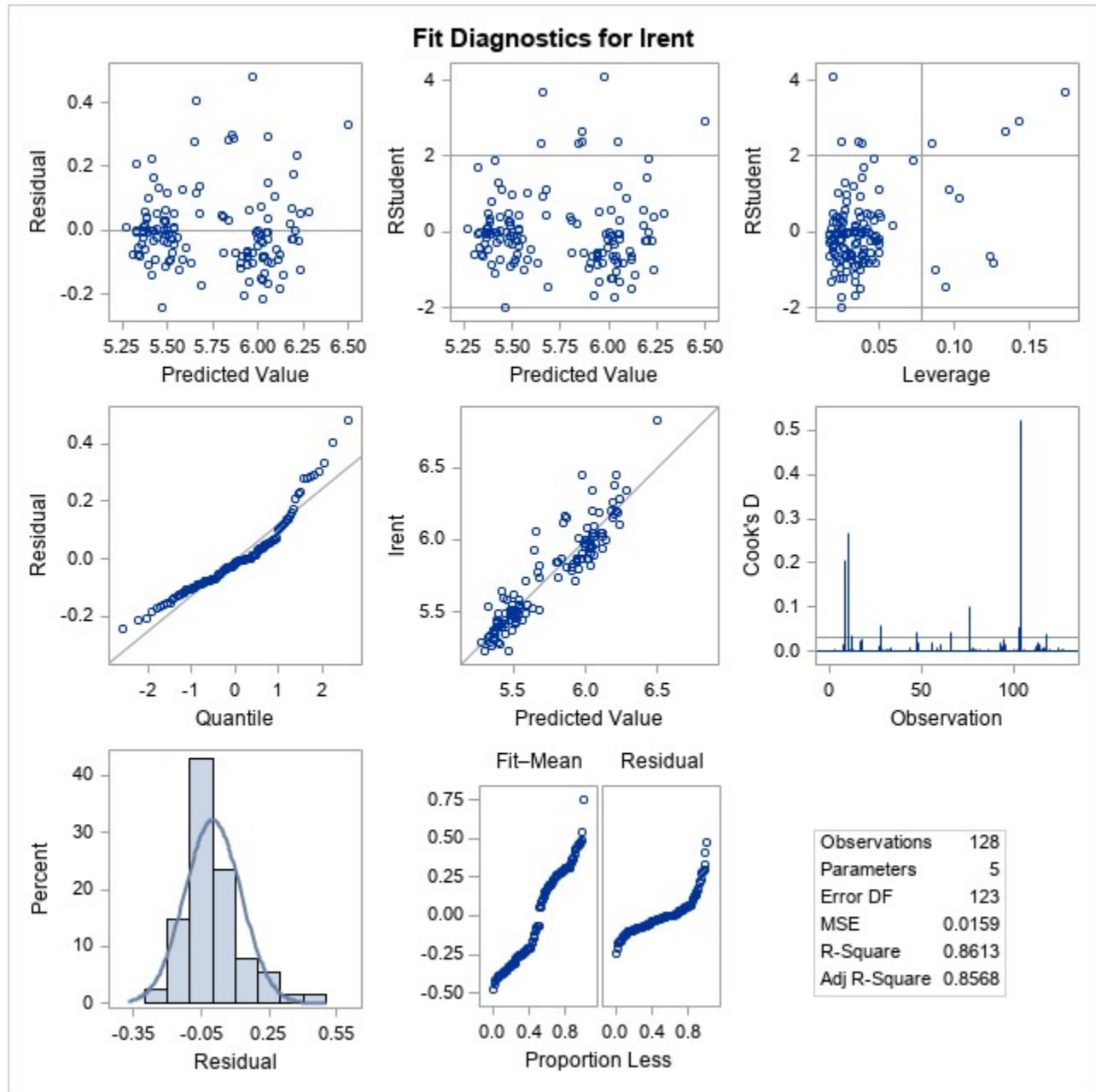
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	12.10801	3.02700	190.92	<.0001
Error	123	1.95012	0.01585		
Corrected Total	127	14.05813			

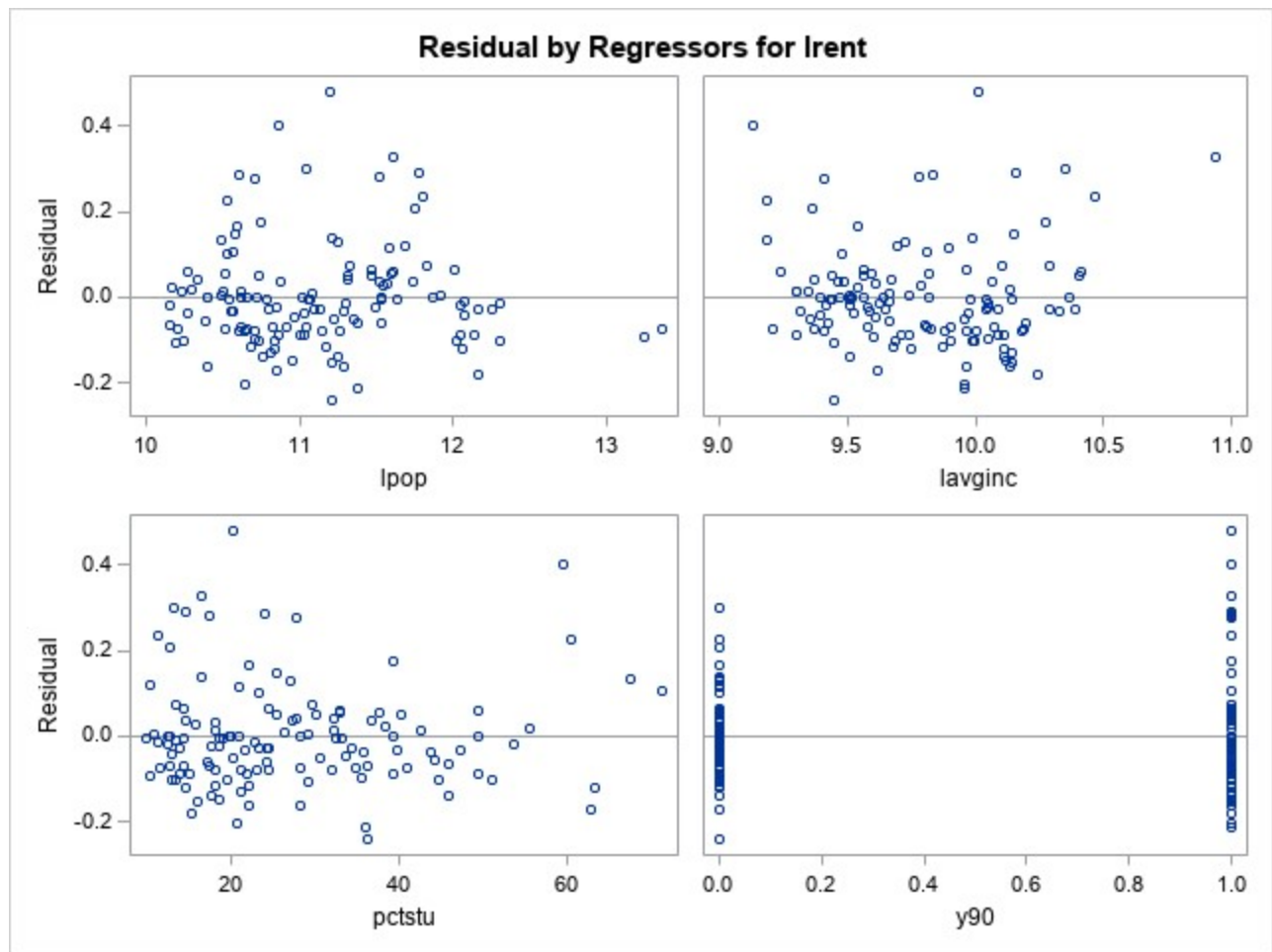
Root MSE	0.12592	R-Square	0.8613
Dependent Mean	5.74620	Adj R-Sq	0.8568
Coeff Var	2.19128		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-0.56881	0.53488	-1.06	0.2897
lpop	1	0.04069	0.02252	1.81	0.0732
lavginc	1	0.57145	0.05310	10.76	<.0001
pctstu	1	0.00504	0.00102	4.95	<.0001
y90	1	0.26223	0.03476	7.54	<.0001

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: Irent





The SAS System

The TSCSREG Procedure
Fixed One-Way Estimates
Model: FIXED
Dependent Variable: Irent

Model Description	
Model Statement Label	FIXED
Estimation Method	FixOne
Number of Cross Sections	64
Time Series Length	2

Fit Statistics			
SSE	0.2437	DFE	60
MSE	0.0041	Root MSE	0.0637
R-Square	0.9827		

F Test for No Fixed Effects			
Num DF	Den DF	F Value	Pr > F
63	60	6.67	<.0001

Parameter Estimates						
Variable	DF	Estimate	Standard Error	t Value	Pr > t	Label
CS1	1	-0.07527	0.1022	-0.74	0.4642	Cross Sectional Effect 1
CS2	1	0.172118	0.0737	2.34	0.0228	Cross Sectional Effect 2
CS3	1	-0.05349	0.1484	-0.36	0.7198	Cross Sectional Effect 3
CS4	1	0.106027	0.1505	0.70	0.4837	Cross Sectional Effect 4
CS5	1	0.615692	0.1119	5.50	<.0001	Cross Sectional Effect 5
CS6	1	0.340854	0.0894	3.81	0.0003	Cross Sectional Effect 6
CS7	1	0.150336	0.0963	1.56	0.1236	Cross Sectional Effect 7
CS8	1	0.026116	0.0991	0.26	0.7931	Cross Sectional Effect 8
CS9	1	0.312279	0.0836	3.74	0.0004	Cross Sectional Effect 9
CS10	1	-0.04383	0.0967	-0.45	0.6519	Cross Sectional Effect 10
CS11	1	0.012444	0.0839	0.15	0.8826	Cross Sectional Effect 11
CS12	1	-0.1609	0.1483	-1.09	0.2821	Cross Sectional Effect 12
CS13	1	-0.04333	0.1180	-0.37	0.7148	Cross Sectional Effect 13

CS14	1	0.423244	0.1055	4.01	0.0002	Cross Sectional Effect 14
CS15	1	-0.2302	0.1536	-1.50	0.1393	Cross Sectional Effect 15
CS16	1	-0.105	0.1048	-1.00	0.3203	Cross Sectional Effect 16
CS17	1	-0.18546	0.1533	-1.21	0.2310	Cross Sectional Effect 17
CS18	1	-0.11918	0.1300	-0.92	0.3629	Cross Sectional Effect 18
CS19	1	-0.04296	0.1227	-0.35	0.7276	Cross Sectional Effect 19
CS20	1	-0.01171	0.1570	-0.07	0.9408	Cross Sectional Effect 20
CS21	1	-0.03657	0.1503	-0.24	0.8086	Cross Sectional Effect 21
CS22	1	0.008474	0.0785	0.11	0.9144	Cross Sectional Effect 22
CS23	1	0.117913	0.0845	1.40	0.1680	Cross Sectional Effect 23
CS24	1	-0.33189	0.1956	-1.70	0.0949	Cross Sectional Effect 24
CS25	1	0.016042	0.0967	0.17	0.8688	Cross Sectional Effect 25
CS26	1	0.098291	0.0859	1.14	0.2571	Cross Sectional Effect 26
CS27	1	0.052162	0.1376	0.38	0.7059	Cross Sectional Effect 27
CS28	1	-0.06839	0.1488	-0.46	0.6474	Cross Sectional Effect 28
CS29	1	-0.09941	0.1141	-0.87	0.3870	Cross Sectional Effect 29
CS30	1	-0.04767	0.0711	-0.67	0.5053	Cross Sectional Effect 30
CS31	1	0.066647	0.1367	0.49	0.6276	Cross Sectional Effect 31
CS32	1	-0.1093	0.1968	-0.56	0.5807	Cross Sectional Effect 32
CS33	1	0.153248	0.0924	1.66	0.1023	Cross Sectional Effect 33
CS34	1	0.059941	0.0782	0.77	0.4462	Cross Sectional Effect 34
CS35	1	-0.053	0.1656	-0.32	0.7500	Cross Sectional Effect 35
CS36	1	0.121055	0.0860	1.41	0.1642	Cross Sectional Effect 36
CS37	1	0.126769	0.0765	1.66	0.1028	Cross Sectional Effect 37
CS38	1	0.069294	0.1489	0.47	0.6433	Cross Sectional Effect 38
CS39	1	0.000538	0.1163	0.00	0.9963	Cross Sectional Effect 39
CS40	1	-0.02661	0.1380	-0.19	0.8477	Cross Sectional Effect 40
CS41	1	-0.19095	0.2016	-0.95	0.3474	Cross Sectional Effect 41
CS42	1	-0.06567	0.1828	-0.36	0.7207	Cross Sectional Effect 42
CS43	1	-0.04045	0.1013	-0.40	0.6910	Cross Sectional Effect 43
CS44	1	-0.18872	0.1660	-1.14	0.2602	Cross Sectional Effect 44
CS45	1	-0.09201	0.1464	-0.63	0.5321	Cross Sectional Effect 45
CS46	1	0.079794	0.0813	0.98	0.3306	Cross Sectional Effect 46
CS47	1	-0.01891	0.1266	-0.15	0.8818	Cross Sectional Effect 47
CS48	1	-0.19013	0.2284	-0.83	0.4085	Cross Sectional Effect 48

	1	0.000238	0.0890	0.00	0.9979	Cross Sectional Effect 49
CS50	1	-0.04383	0.0797	-0.55	0.5843	Cross Sectional Effect 50
CS51	1	0.057437	0.1538	0.37	0.7101	Cross Sectional Effect 51
CS52	1	-0.03132	0.1978	-0.16	0.8747	Cross Sectional Effect 52
CS53	1	0.028603	0.0730	0.39	0.6967	Cross Sectional Effect 53
CS54	1	-0.07278	0.1736	-0.42	0.6765	Cross Sectional Effect 54
CS55	1	0.03656	0.0951	0.38	0.7021	Cross Sectional Effect 55
CS56	1	-0.13139	0.1703	-0.77	0.4433	Cross Sectional Effect 56
CS57	1	-0.30394	0.1060	-2.87	0.0057	Cross Sectional Effect 57
CS58	1	0.172791	0.1505	1.15	0.2554	Cross Sectional Effect 58
CS59	1	0.247025	0.1479	1.67	0.1001	Cross Sectional Effect 59
CS60	1	0.027415	0.1341	0.20	0.8387	Cross Sectional Effect 60
CS61	1	-0.1572	0.1897	-0.83	0.4105	Cross Sectional Effect 61
CS62	1	-0.00628	0.1275	-0.05	0.9609	Cross Sectional Effect 62
CS63	1	0.001899	0.1341	0.01	0.9887	Cross Sectional Effect 63
Intercept	1	1.404329	1.2439	1.13	0.2634	Intercept
y90	1	0.385521	0.0368	10.47	<.0001	
lpop	1	0.072246	0.0883	0.82	0.4167	
lavginc	1	0.30996	0.0665	4.66	<.0001	
pctstu	1	0.011203	0.00413	2.71	0.0087	

The SAS System

The TSCSREG Procedure
Fixed Two-Way Estimates
Model: FIXED
Dependent Variable: Irent

Model Description	
Model Statement Label	FIXED
Estimation Method	FixTwo
Number of Cross Sections	64
Time Series Length	2

Fit Statistics			
SSE	0.2437	DFE	60
MSE	0.0041	Root MSE	0.0637
R-Square	0.9827		

F Test for No Fixed Effects			
Num DF	Den DF	F Value	Pr > F
64	60	6.57	<.0001

Parameter Estimates						
Variable	DF	Estimate	Standard Error	t Value	Pr > t	Label
CS1	1	-0.07527	0.1022	-0.74	0.4642	Cross Sectional Effect 1
CS2	1	0.172118	0.0737	2.34	0.0228	Cross Sectional Effect 2
CS3	1	-0.05349	0.1484	-0.36	0.7198	Cross Sectional Effect 3
CS4	1	0.106027	0.1505	0.70	0.4837	Cross Sectional Effect 4
CS5	1	0.615692	0.1119	5.50	<.0001	Cross Sectional Effect 5
CS6	1	0.340854	0.0894	3.81	0.0003	Cross Sectional Effect 6
CS7	1	0.150336	0.0963	1.56	0.1236	Cross Sectional Effect 7
CS8	1	0.026116	0.0991	0.26	0.7931	Cross Sectional Effect 8
CS9	1	0.312279	0.0836	3.74	0.0004	Cross Sectional Effect 9
CS10	1	-0.04383	0.0967	-0.45	0.6519	Cross Sectional Effect 10
CS11	1	0.012444	0.0839	0.15	0.8826	Cross Sectional Effect 11
CS12	1	-0.1609	0.1483	-1.09	0.2821	Cross Sectional Effect 12
CS13	1	-0.04333	0.1180	-0.37	0.7148	Cross Sectional Effect 13

CS14	1	0.423244	0.1055	4.01	0.0002	Cross Sectional Effect 14
CS15	1	-0.2302	0.1536	-1.50	0.1393	Cross Sectional Effect 15
CS16	1	-0.105	0.1048	-1.00	0.3203	Cross Sectional Effect 16
CS17	1	-0.18546	0.1533	-1.21	0.2310	Cross Sectional Effect 17
CS18	1	-0.11918	0.1300	-0.92	0.3629	Cross Sectional Effect 18
CS19	1	-0.04296	0.1227	-0.35	0.7276	Cross Sectional Effect 19
CS20	1	-0.01171	0.1570	-0.07	0.9408	Cross Sectional Effect 20
CS21	1	-0.03657	0.1503	-0.24	0.8086	Cross Sectional Effect 21
CS22	1	0.008474	0.0785	0.11	0.9144	Cross Sectional Effect 22
CS23	1	0.117913	0.0845	1.40	0.1680	Cross Sectional Effect 23
CS24	1	-0.33189	0.1956	-1.70	0.0949	Cross Sectional Effect 24
CS25	1	0.016042	0.0967	0.17	0.8688	Cross Sectional Effect 25
CS26	1	0.098291	0.0859	1.14	0.2571	Cross Sectional Effect 26
CS27	1	0.052162	0.1376	0.38	0.7059	Cross Sectional Effect 27
CS28	1	-0.06839	0.1488	-0.46	0.6474	Cross Sectional Effect 28
CS29	1	-0.09941	0.1141	-0.87	0.3870	Cross Sectional Effect 29
CS30	1	-0.04767	0.0711	-0.67	0.5053	Cross Sectional Effect 30
CS31	1	0.066647	0.1367	0.49	0.6276	Cross Sectional Effect 31
CS32	1	-0.1093	0.1968	-0.56	0.5807	Cross Sectional Effect 32
CS33	1	0.153248	0.0924	1.66	0.1023	Cross Sectional Effect 33
CS34	1	0.059941	0.0782	0.77	0.4462	Cross Sectional Effect 34
CS35	1	-0.053	0.1656	-0.32	0.7500	Cross Sectional Effect 35
CS36	1	0.121055	0.0860	1.41	0.1642	Cross Sectional Effect 36
CS37	1	0.126769	0.0765	1.66	0.1028	Cross Sectional Effect 37
CS38	1	0.069294	0.1489	0.47	0.6433	Cross Sectional Effect 38
CS39	1	0.000538	0.1163	0.00	0.9963	Cross Sectional Effect 39
CS40	1	-0.02661	0.1380	-0.19	0.8477	Cross Sectional Effect 40
CS41	1	-0.19095	0.2016	-0.95	0.3474	Cross Sectional Effect 41
CS42	1	-0.06567	0.1828	-0.36	0.7207	Cross Sectional Effect 42
CS43	1	-0.04045	0.1013	-0.40	0.6910	Cross Sectional Effect 43
CS44	1	-0.18872	0.1660	-1.14	0.2602	Cross Sectional Effect 44
CS45	1	-0.09201	0.1464	-0.63	0.5321	Cross Sectional Effect 45
CS46	1	0.079794	0.0813	0.98	0.3306	Cross Sectional Effect 46
CS47	1	-0.01891	0.1266	-0.15	0.8818	Cross Sectional Effect 47
CS48	1	-0.19013	0.2284	-0.83	0.4085	Cross Sectional Effect 48

	1	0.000238	0.0890	0.00	0.9979	Cross Sectional Effect 49
CS50	1	-0.04383	0.0797	-0.55	0.5843	Cross Sectional Effect 50
CS51	1	0.057437	0.1538	0.37	0.7101	Cross Sectional Effect 51
CS52	1	-0.03132	0.1978	-0.16	0.8747	Cross Sectional Effect 52
CS53	1	0.028603	0.0730	0.39	0.6967	Cross Sectional Effect 53
CS54	1	-0.07278	0.1736	-0.42	0.6765	Cross Sectional Effect 54
CS55	1	0.03656	0.0951	0.38	0.7021	Cross Sectional Effect 55
CS56	1	-0.13139	0.1703	-0.77	0.4433	Cross Sectional Effect 56
CS57	1	-0.30394	0.1060	-2.87	0.0057	Cross Sectional Effect 57
CS58	1	0.172791	0.1505	1.15	0.2554	Cross Sectional Effect 58
CS59	1	0.247025	0.1479	1.67	0.1001	Cross Sectional Effect 59
CS60	1	0.027415	0.1341	0.20	0.8387	Cross Sectional Effect 60
CS61	1	-0.1572	0.1897	-0.83	0.4105	Cross Sectional Effect 61
CS62	1	-0.00628	0.1275	-0.05	0.9609	Cross Sectional Effect 62
CS63	1	0.001899	0.1341	0.01	0.9887	Cross Sectional Effect 63
TS1	1	-0.38552	0.0368	-10.47	<.0001	Time Series Effect 1
Intercept	1	1.78985	1.2696	1.41	0.1638	Intercept
y90	0	0	.	.	.	
lpop	1	0.072246	0.0883	0.82	0.4167	
lavginc	1	0.30996	0.0665	4.66	<.0001	
pctstu	1	0.011203	0.00413	2.71	0.0087	

The SAS System

The TSCSREG Procedure
Fuller and Battese Variance Components (RanOne)
Model: FIXED
Dependent Variable: lrent

Model Description	
Model Statement Label	FIXED
Estimation Method	RanOne
Number of Cross Sections	64
Time Series Length	2

Fit Statistics			
SSE	0.5261	DFE	123
MSE	0.0043	Root MSE	0.0654
R-Square	0.9518		

Variance Component Estimates	
Variance Component for Cross Sections	0.012049
Variance Component for Error	0.004061

Hausman Test for Random Effects		
DF	m Value	Pr > m
4	12.73	0.0127

Parameter Estimates						
Variable	DF	Estimate	Standard Error	t Value	Pr > t	Label
Intercept	1	0.46961	0.5675	0.83	0.4096	Intercept
y90	1	0.324908	0.0286	11.36	<.0001	
lpop	1	0.056668	0.0290	1.95	0.0530	
lavginc	1	0.443703	0.0517	8.58	<.0001	
pctstu	1	0.005153	0.00132	3.92	0.0001	