

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: Isalary

Number of Observations Read	209
Number of Observations Used	209

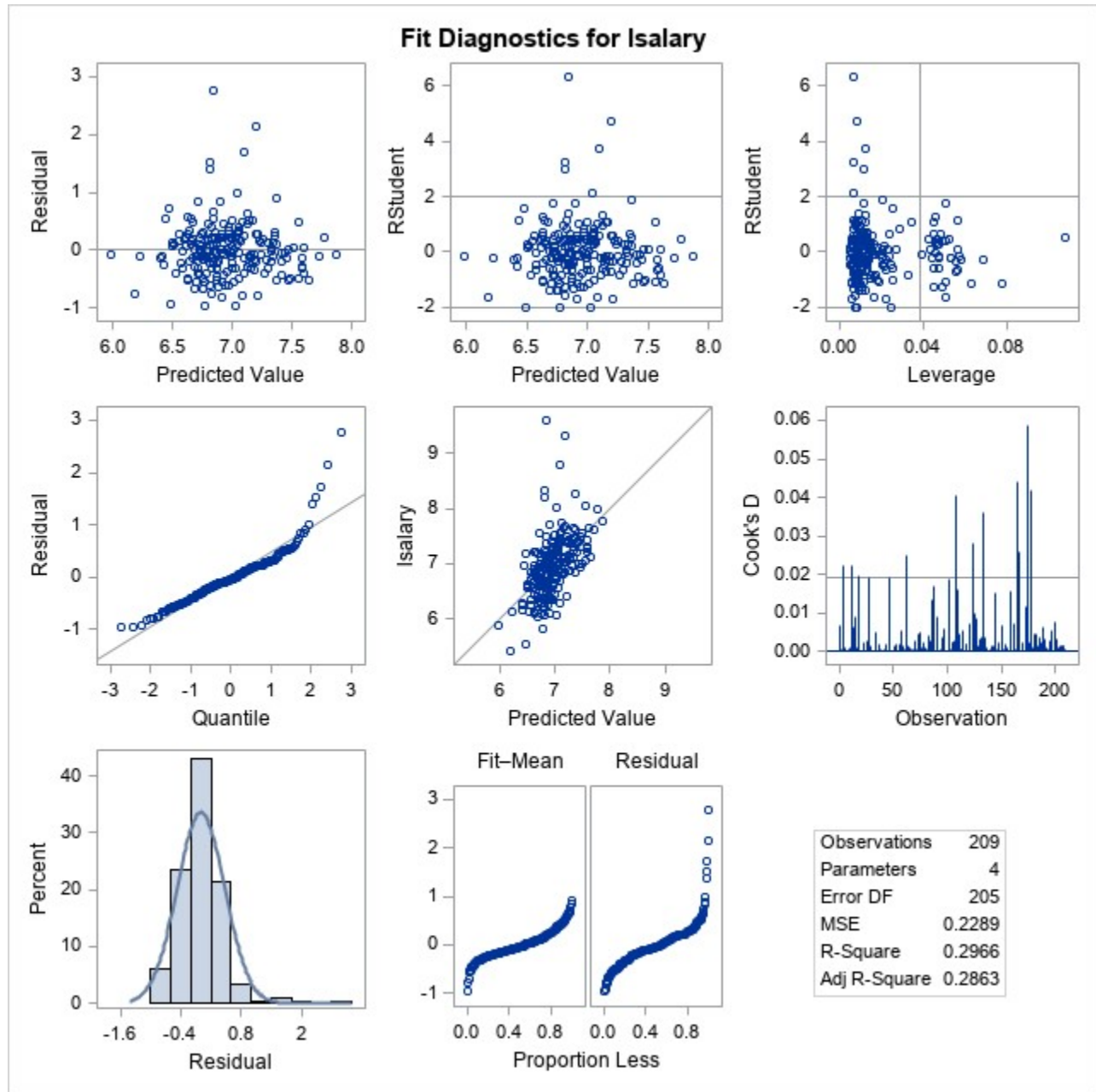
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	19.79020	6.59673	28.81	<.0001
Error	205	46.93196	0.22894		
Corrected Total	208	66.72217			

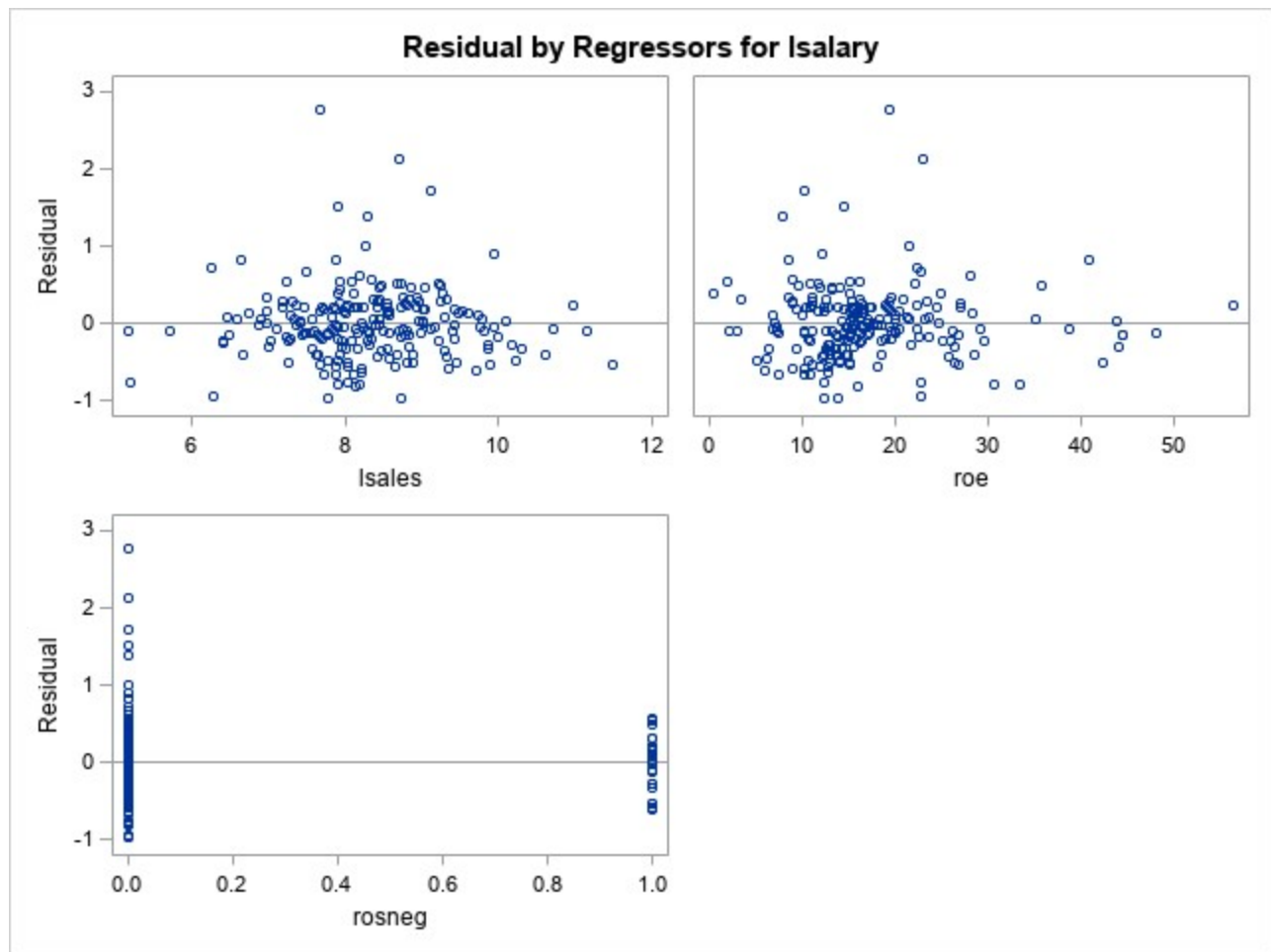
Root MSE	0.47847	R-Square	0.2966
Dependent Mean	6.95039	Adj R-Sq	0.2863
Coeff Var	6.88412		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	4.29760	0.29325	14.65	<.0001
Isales	1	0.28839	0.03362	8.58	<.0001
roe	1	0.01666	0.00397	4.20	<.0001
rosneg	1	-0.22568	0.10934	-2.06	0.0403

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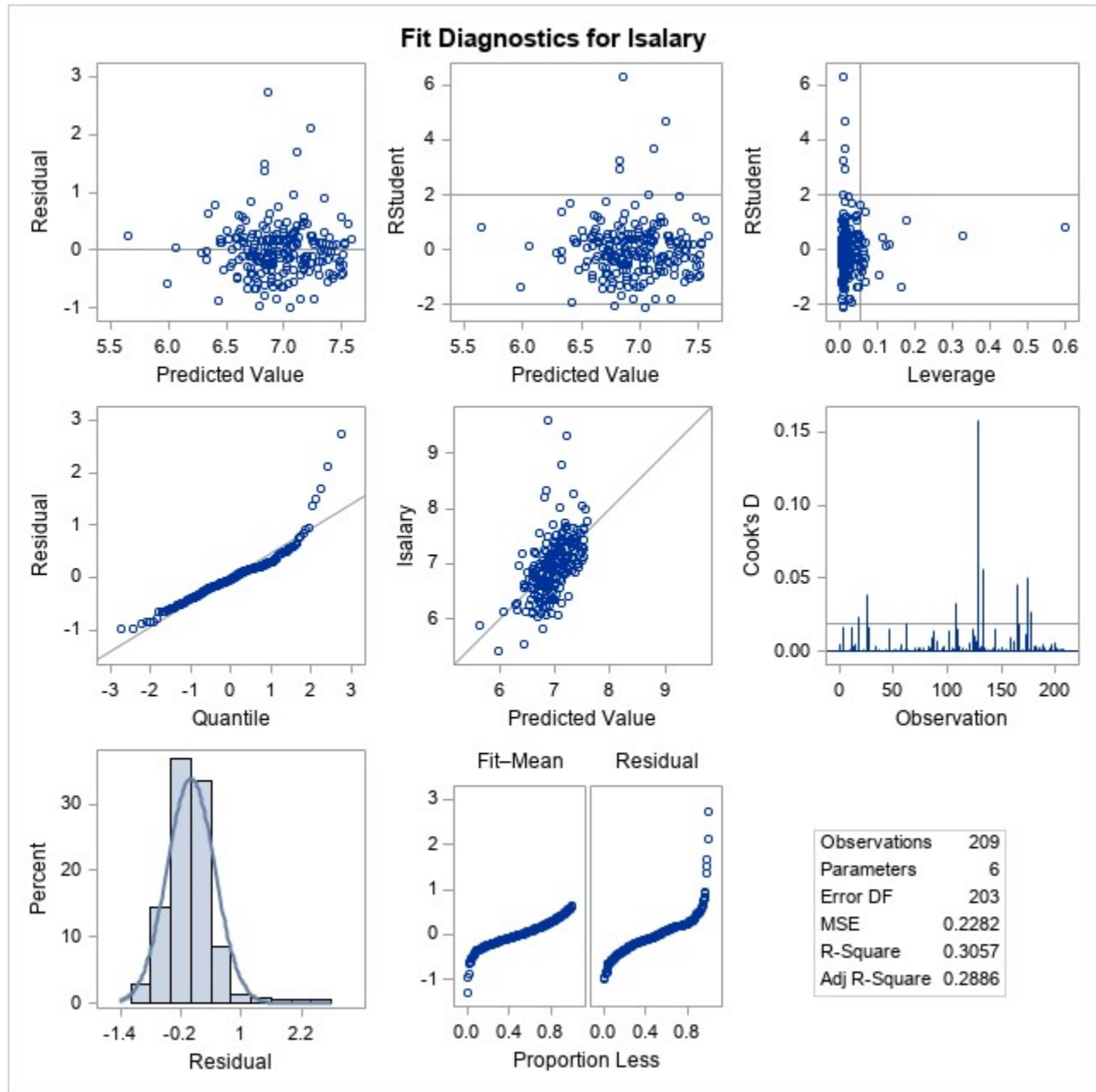
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	20.39881	4.07976	17.88	<.0001
Error	203	46.32335	0.22819		
Corrected Total	208	66.72217			

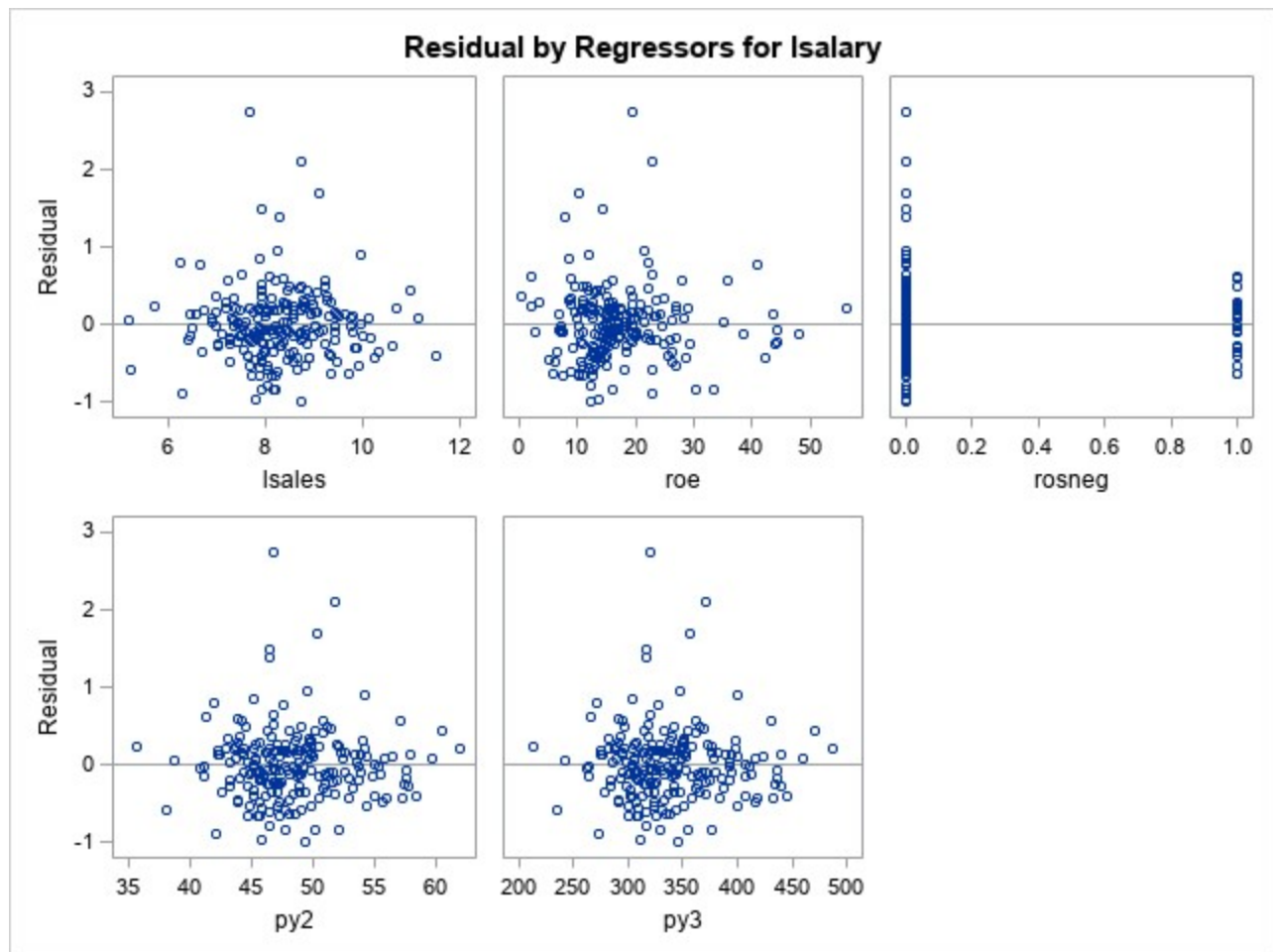
Root MSE	0.47770	R-Square	0.3057
Dependent Mean	6.95039	Adj R-Sq	0.2886
Coeff Var	6.87295		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-12.46260	122.58246	-0.10	0.9191
Isales	1	-1.21552	17.77710	-0.07	0.9456
roe	1	-0.06889	1.02688	-0.07	0.9466
rosneg	1	0.96119	13.91841	0.07	0.9450
py2	1	1.14336	8.87894	0.13	0.8977
py3	1	-0.07334	0.42567	-0.17	0.8634

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The AUTOREG Procedure

Dependent Variable	lsalary
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The AUTOREG Procedure

Ordinary Least Squares Estimates			
SSE	46.9319637	DFE	205
MSE	0.22894	Root MSE	0.47847
SBC	302.31587	AIC	288.946533
MAE	0.32896329	AICC	289.142612
MAPE	4.6859539	HQC	294.351835
Durbin-Watson	1.9582	Total R-Square	0.2966

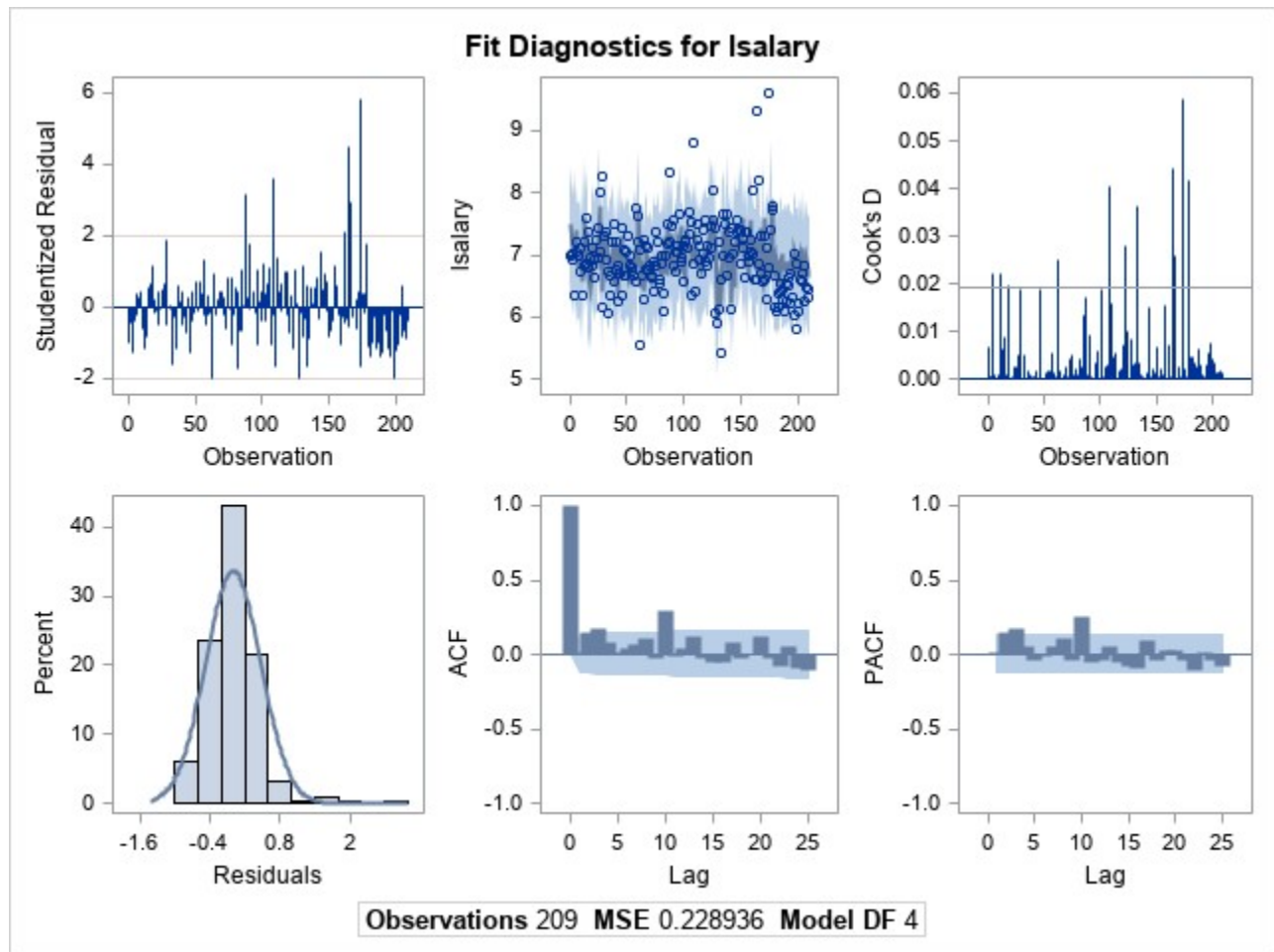
Miscellaneous Statistics			
Statistic	Value	Prob	Label
Normal Test	566.3407	<.0001	Pr > ChiSq

Ramsey's RESET Test		
Power	RESET	Pr > F
2	2.6500	0.1051
3	1.3335	0.2658
4	1.0735	0.3614

Parameter Estimates					
Variable	DF	Estimate	Standard Error	t Value	Approx Pr > t
Intercept	1	4.2976	0.2933	14.65	<.0001
Isales	1	0.2884	0.0336	8.58	<.0001
roe	1	0.0167	0.003968	4.20	<.0001
rosneg	1	-0.2257	0.1093	-2.06	0.0403

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The AUTOREG Procedure



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The REG Procedure
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 Dependent Variable: lprice

Number of Observations Read	142
Number of Observations Used	142

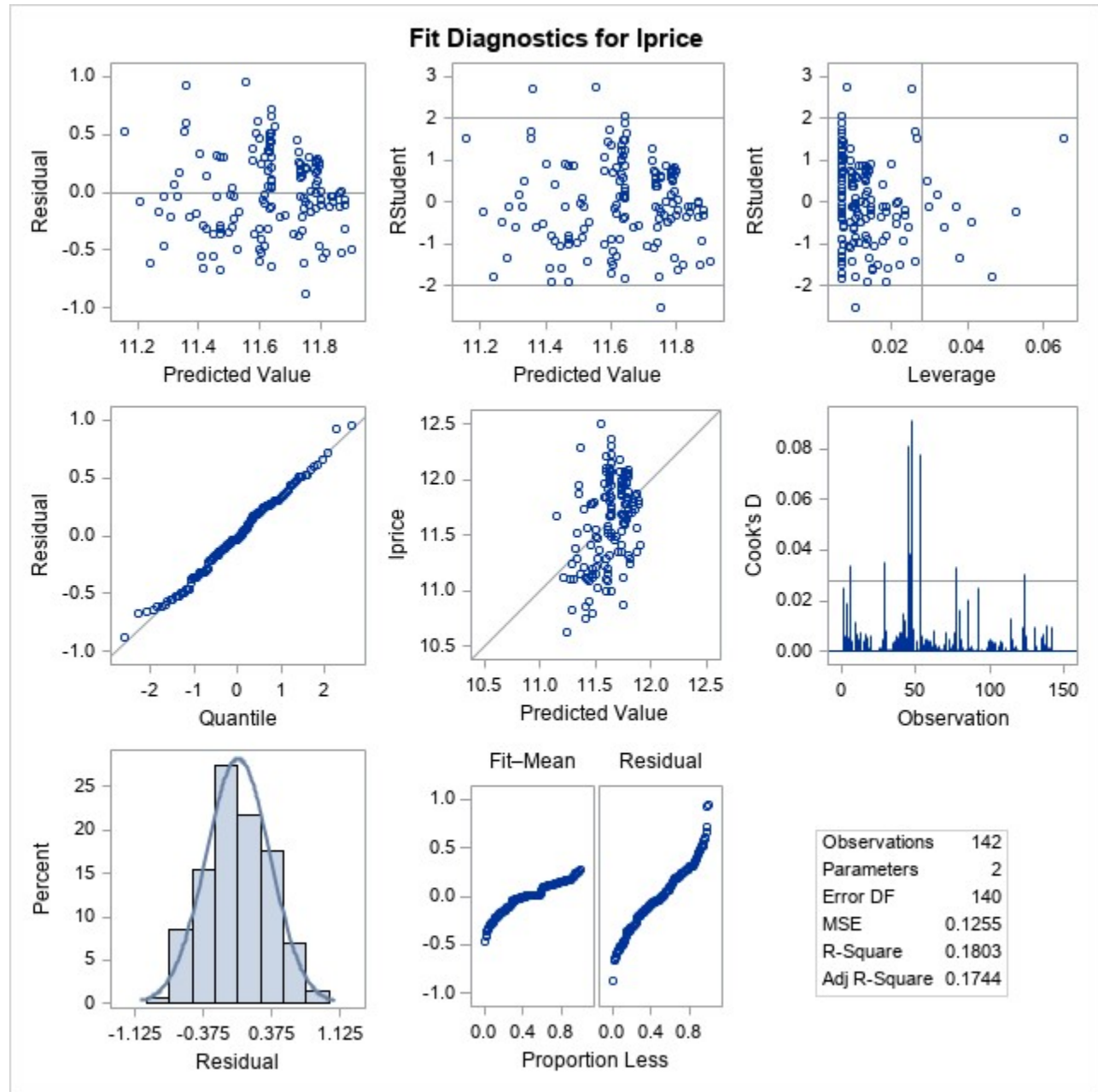
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	3.86427	3.86427	30.79	<.0001
Error	140	17.57309	0.12552		
Corrected Total	141	21.43736			

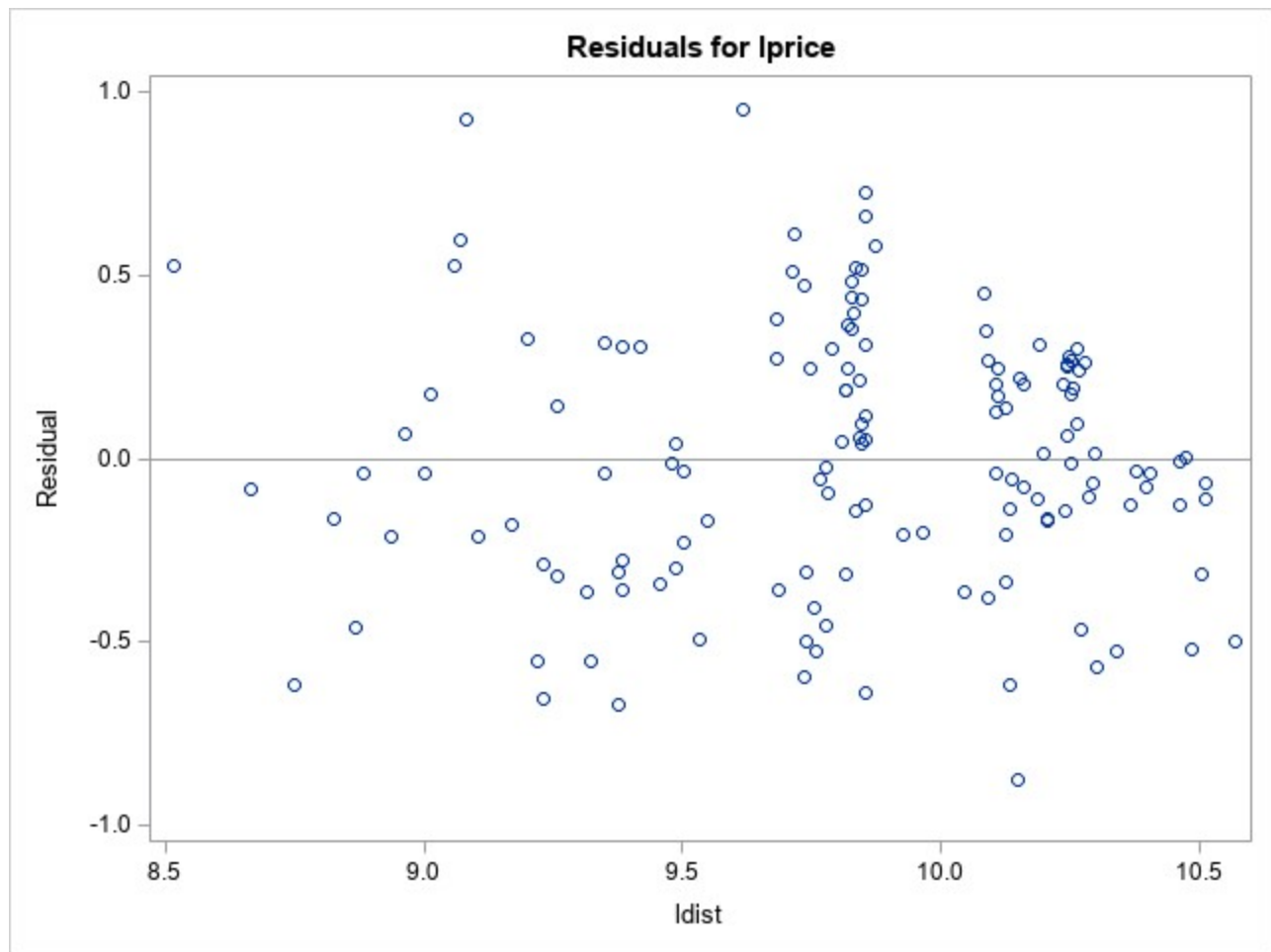
Root MSE	0.35429	R-Square	0.1803
Dependent Mean	11.62902	Adj R-Sq	0.1744
Coeff Var	3.04661		

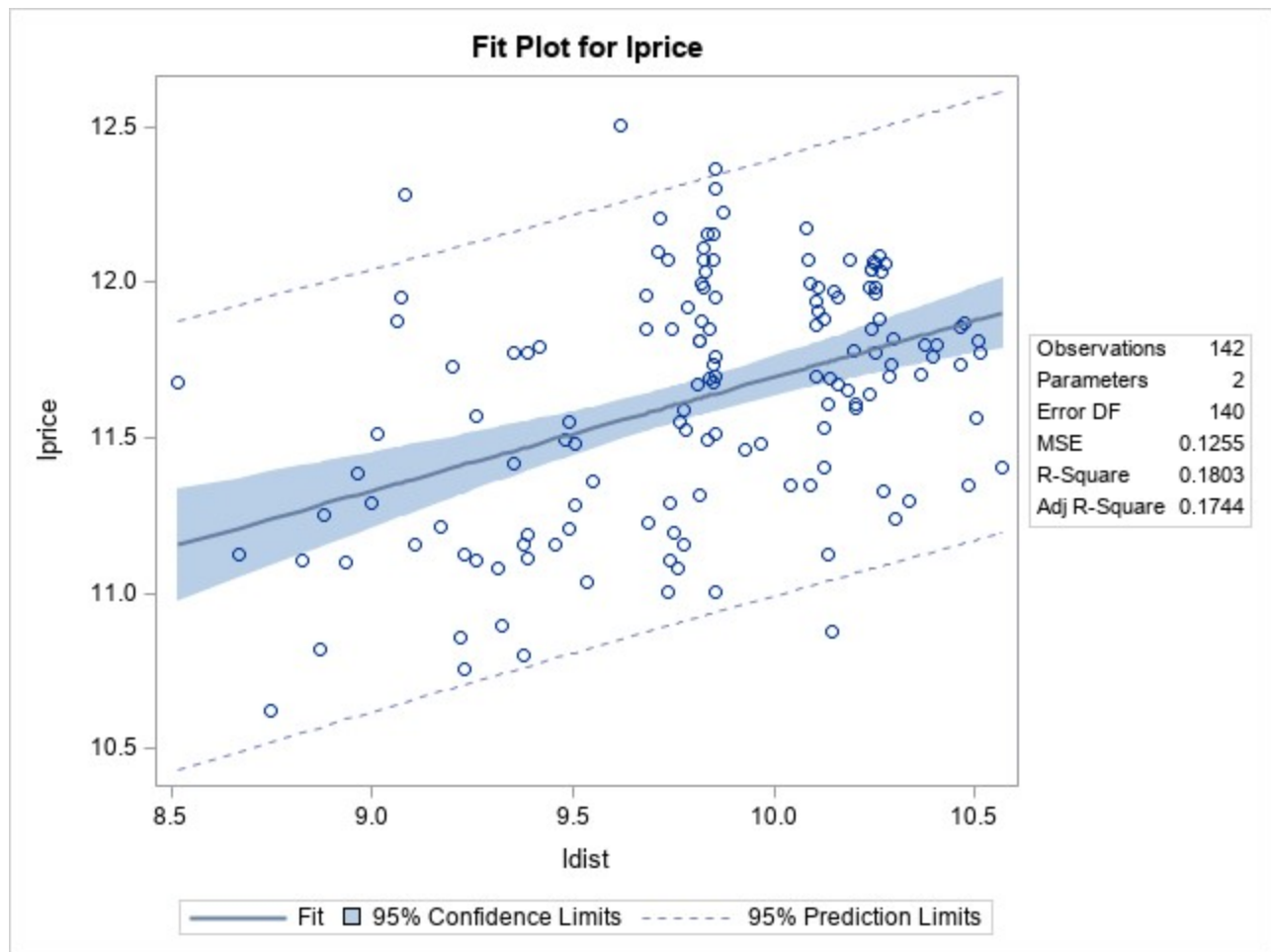
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	8.04716	0.64624	12.45	<.0001
ldist	1	0.36488	0.06576	5.55	<.0001

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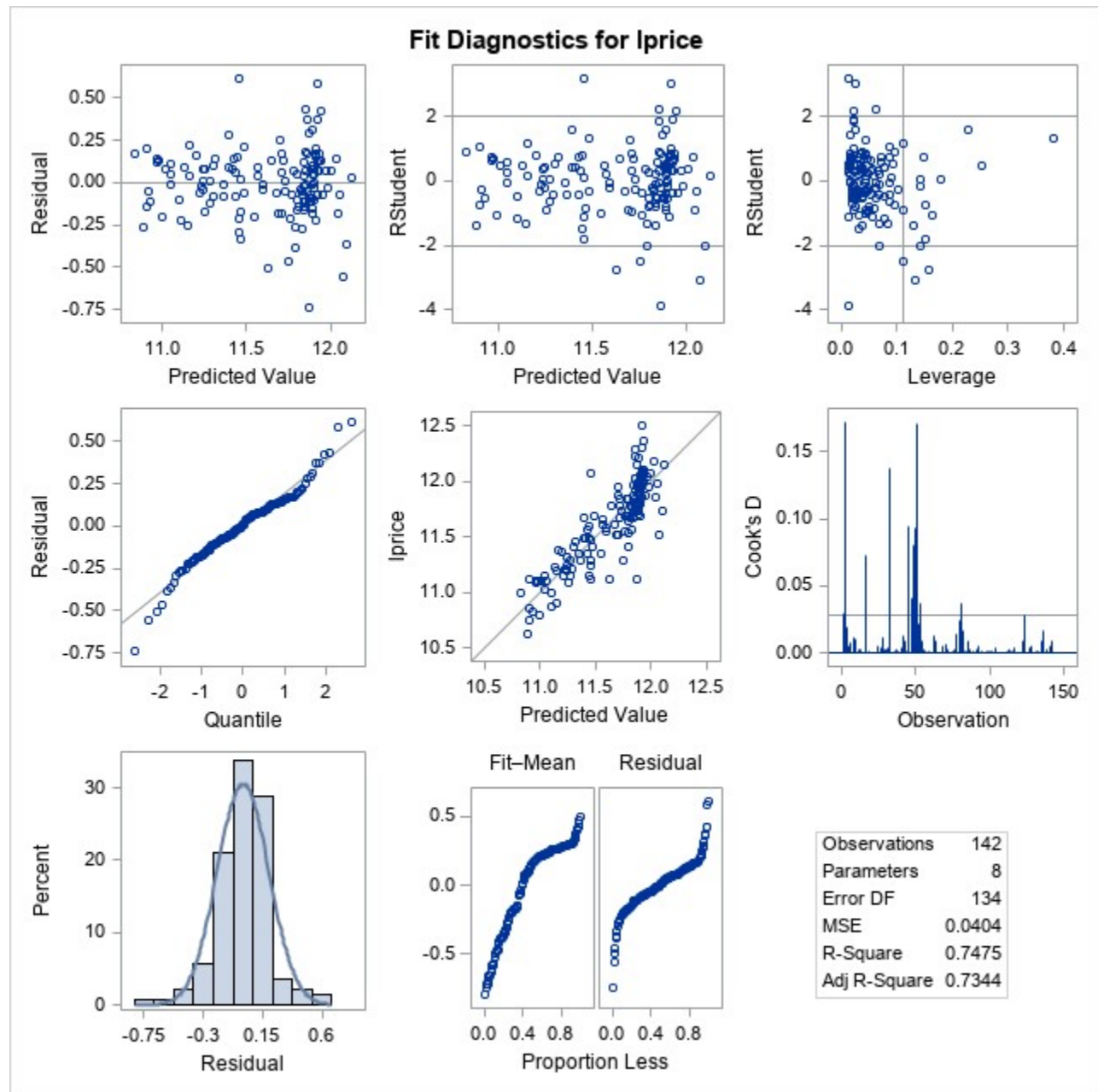
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	16.02533	2.28933	56.68	<.0001
Error	134	5.41203	0.04039		
Corrected Total	141	21.43736			

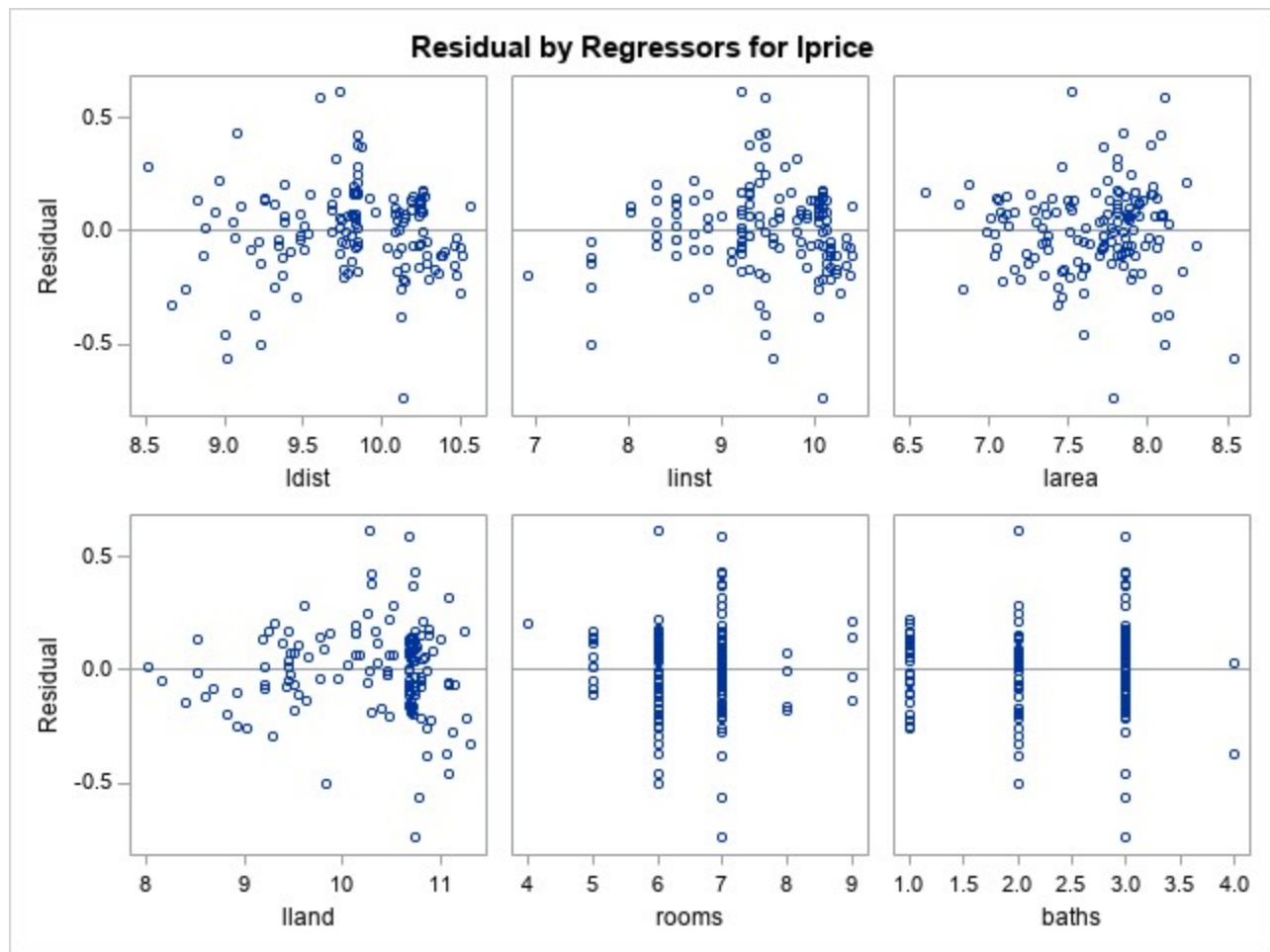
Root MSE	0.20097	R-Square	0.7475
Dependent Mean	11.62902	Adj R-Sq	0.7344
Coeff Var	1.72816		

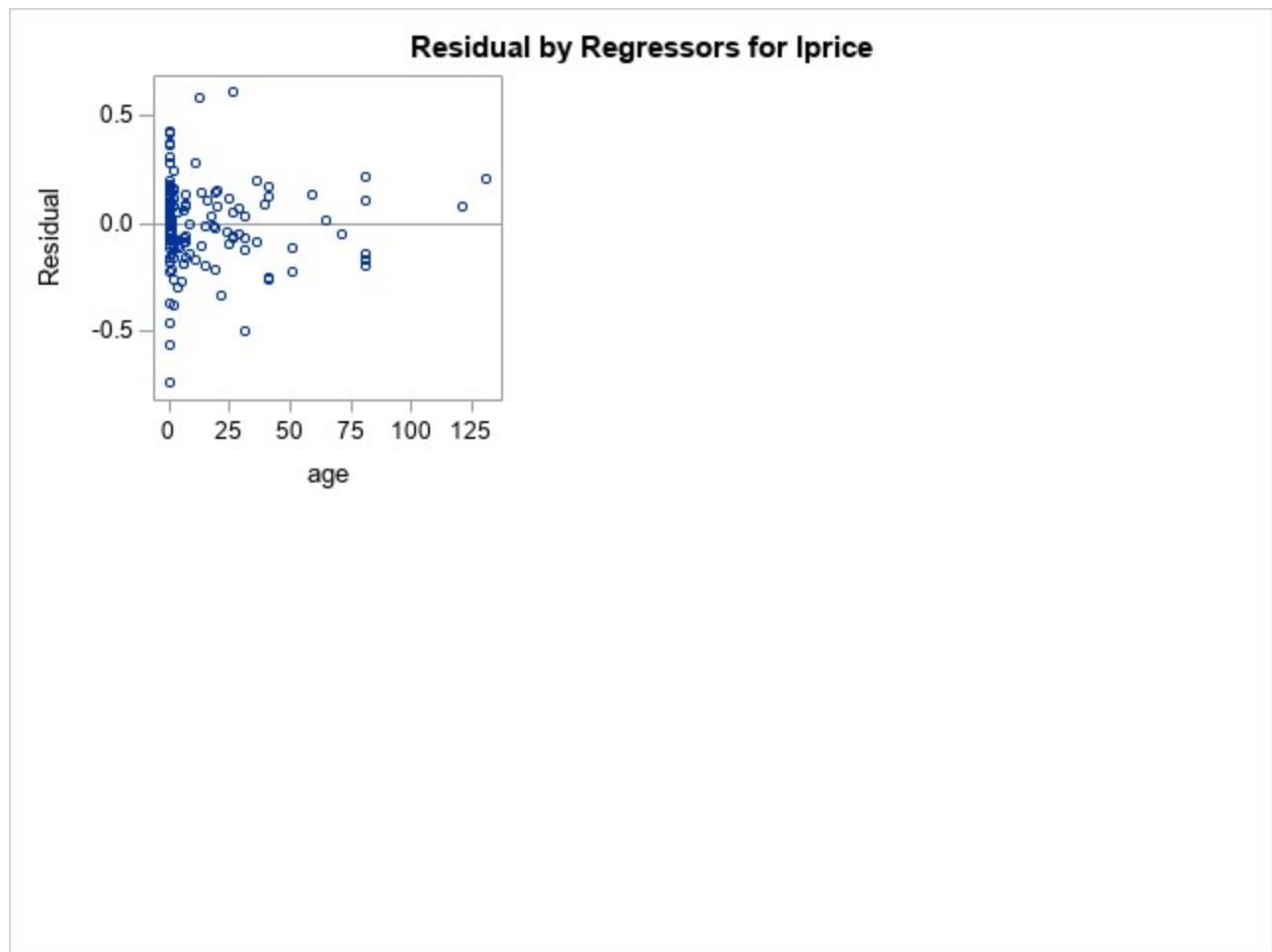
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	7.59233	0.64171	11.83	<.0001
ldist	1	0.05539	0.05762	0.96	0.3382
linst	1	-0.03903	0.05166	-0.76	0.4513
larea	1	0.31929	0.07642	4.18	<.0001
lland	1	0.07682	0.03950	1.94	0.0539
rooms	1	0.04253	0.02825	1.51	0.1346
baths	1	0.16692	0.04194	3.98	0.0001
age	1	-0.00357	0.00106	-3.37	0.0010

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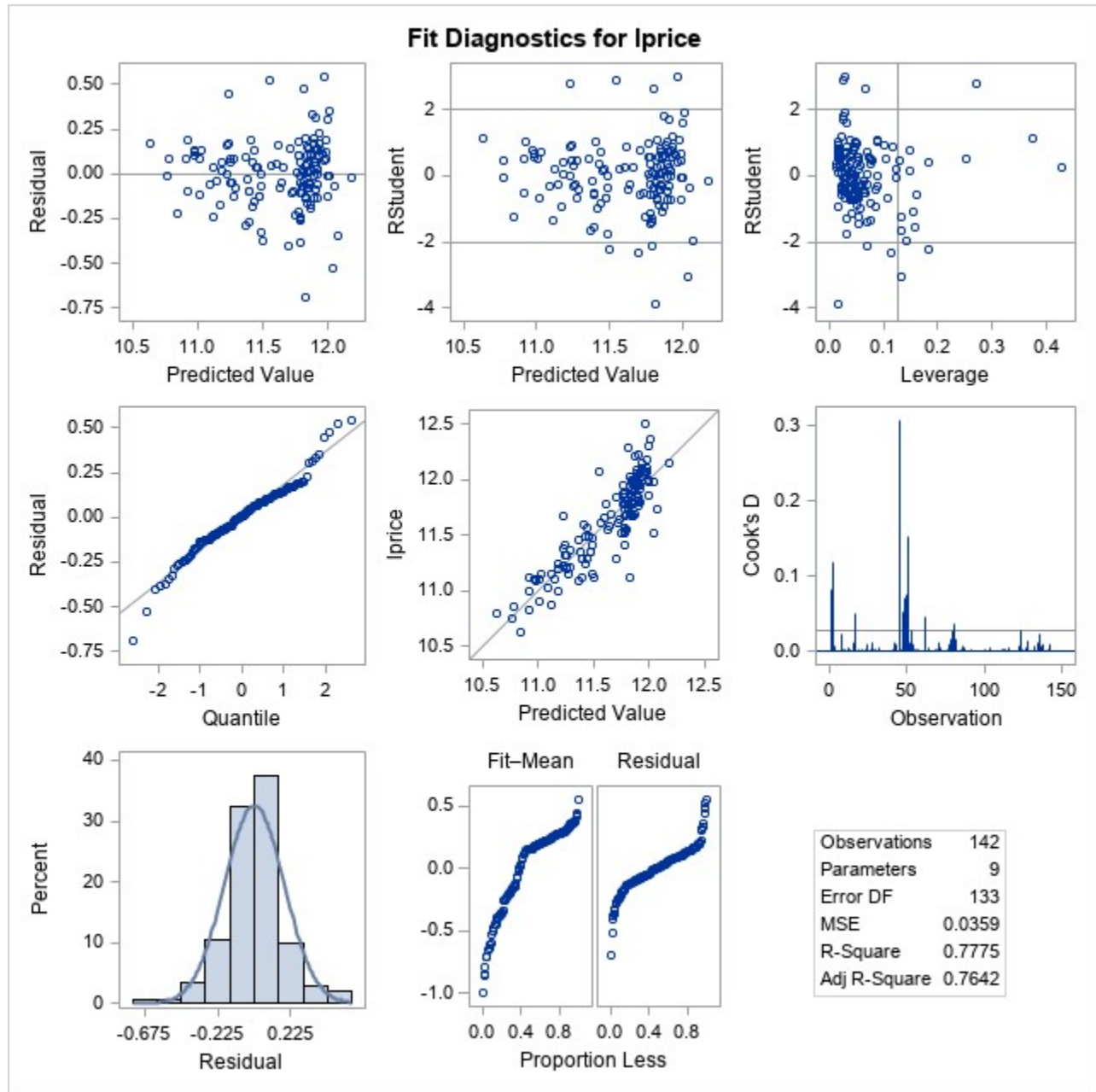
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	16.66861	2.08358	58.11	<.0001
Error	133	4.76875	0.03586		
Corrected Total	141	21.43736			

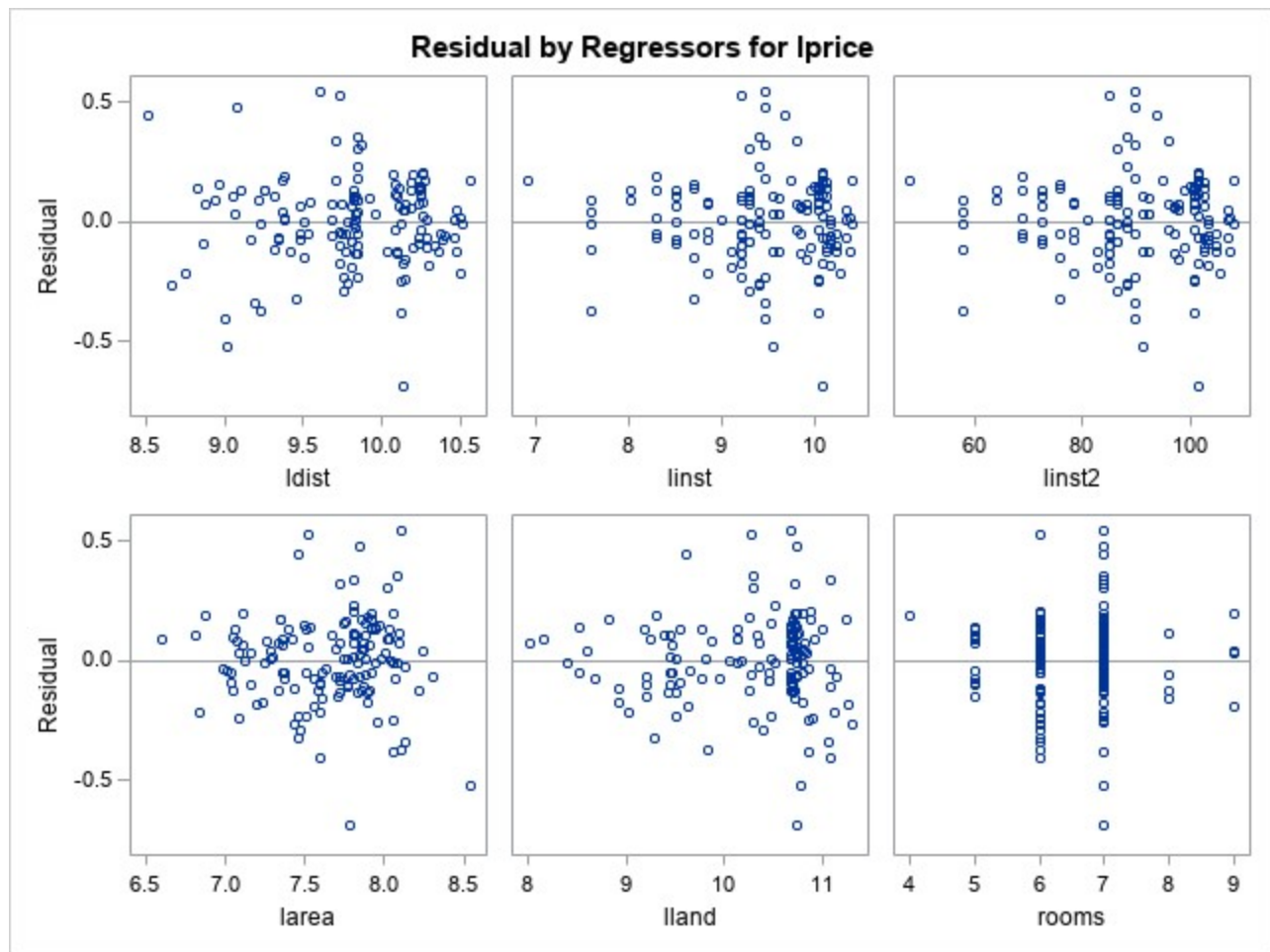
Root MSE	0.18935	R-Square	0.7775
Dependent Mean	11.62902	Adj R-Sq	0.7642
Coeff Var	1.62830		

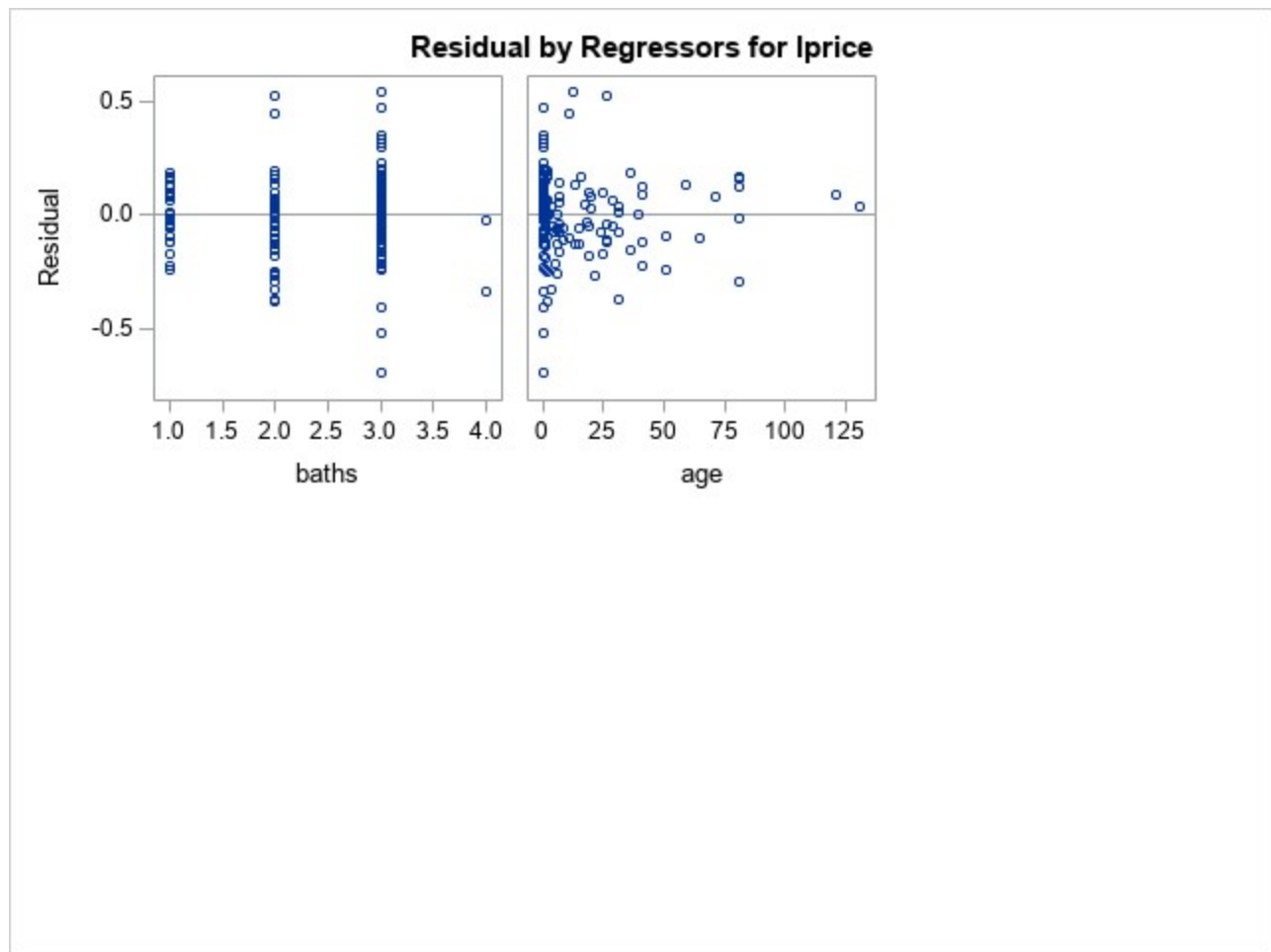
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-3.31802	2.64584	-1.25	0.2120
ldist	1	0.18526	0.06235	2.97	0.0035
linst	1	2.07296	0.50099	4.14	<.0001
linst2	1	-0.11933	0.02817	-4.24	<.0001
larea	1	0.35935	0.07262	4.95	<.0001
lland	1	0.09139	0.03738	2.44	0.0158
rooms	1	0.03811	0.02664	1.43	0.1549
baths	1	0.14953	0.03973	3.76	0.0003
age	1	-0.00293	0.00101	-2.90	0.0044

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Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	16.67255	1.85251	51.32	<.0001
Error	132	4.76481	0.03610		
Corrected Total	141	21.43736			

Root MSE	0.18999	R-Square	0.7777
Dependent Mean	11.62902	Adj R-Sq	0.7626
Coeff Var	1.63378		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-5.91613	8.29580	-0.71	0.4770
ldist	1	0.86956	2.07104	0.42	0.6753
ldist2	1	-0.03642	0.11017	-0.33	0.7415
linst	1	1.93444	0.65442	2.96	0.0037
linst2	1	-0.11076	0.03836	-2.89	0.0045
larea	1	0.35534	0.07387	4.81	<.0001
lland	1	0.08787	0.03898	2.25	0.0258
rooms	1	0.03806	0.02673	1.42	0.1569
baths	1	0.15069	0.04002	3.77	0.0002
age	1	-0.00287	0.00103	-2.79	0.0060

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