The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: lny

Number of Observations Read	94
Number of Observations Used	93
Number of Observations with Missing Values	1

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.22901	0.22901	15.94	0.0001
Error	91	1.30703	0.01436		
Corrected Total	92	1.53604			

Root MSE	0.11985	R-Square	0.1491
Dependent Mean	8.58961	Adj R-Sq	0.1397
Coeff Var	1.39524		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	7.95996	0.15817	50.32	<.0001
lnX	1	0.25108	0.06288	3.99	0.0001

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: lny
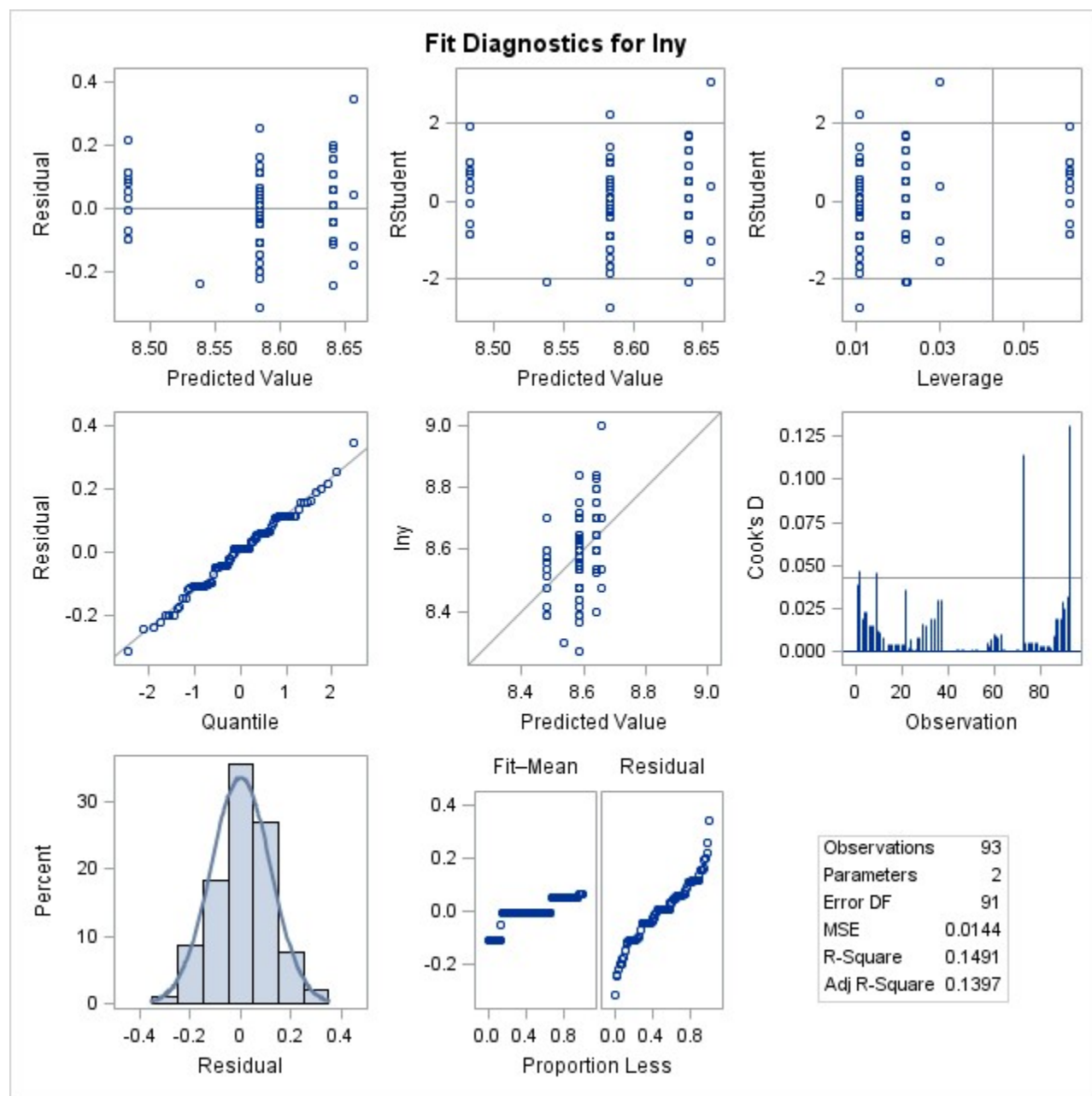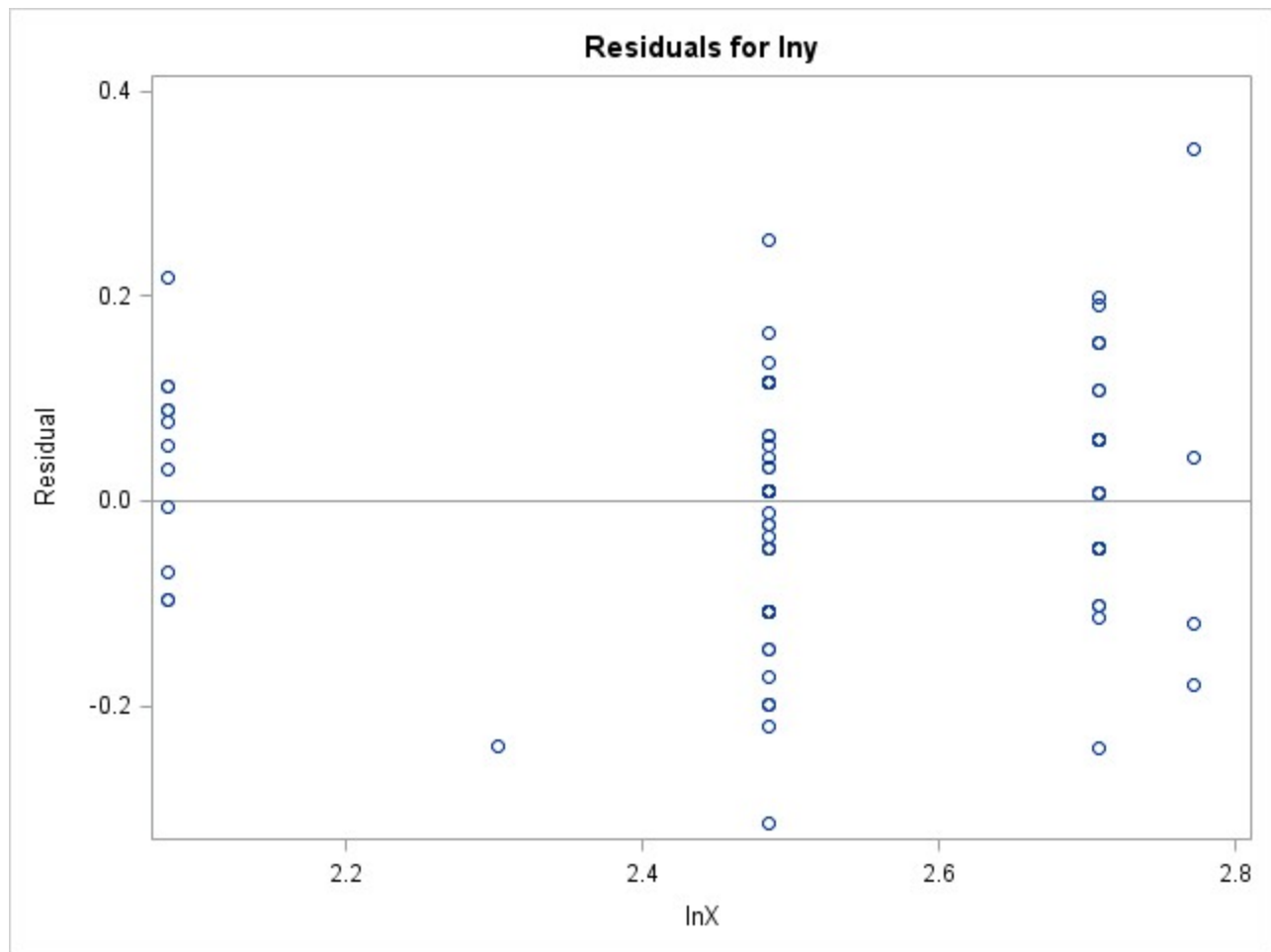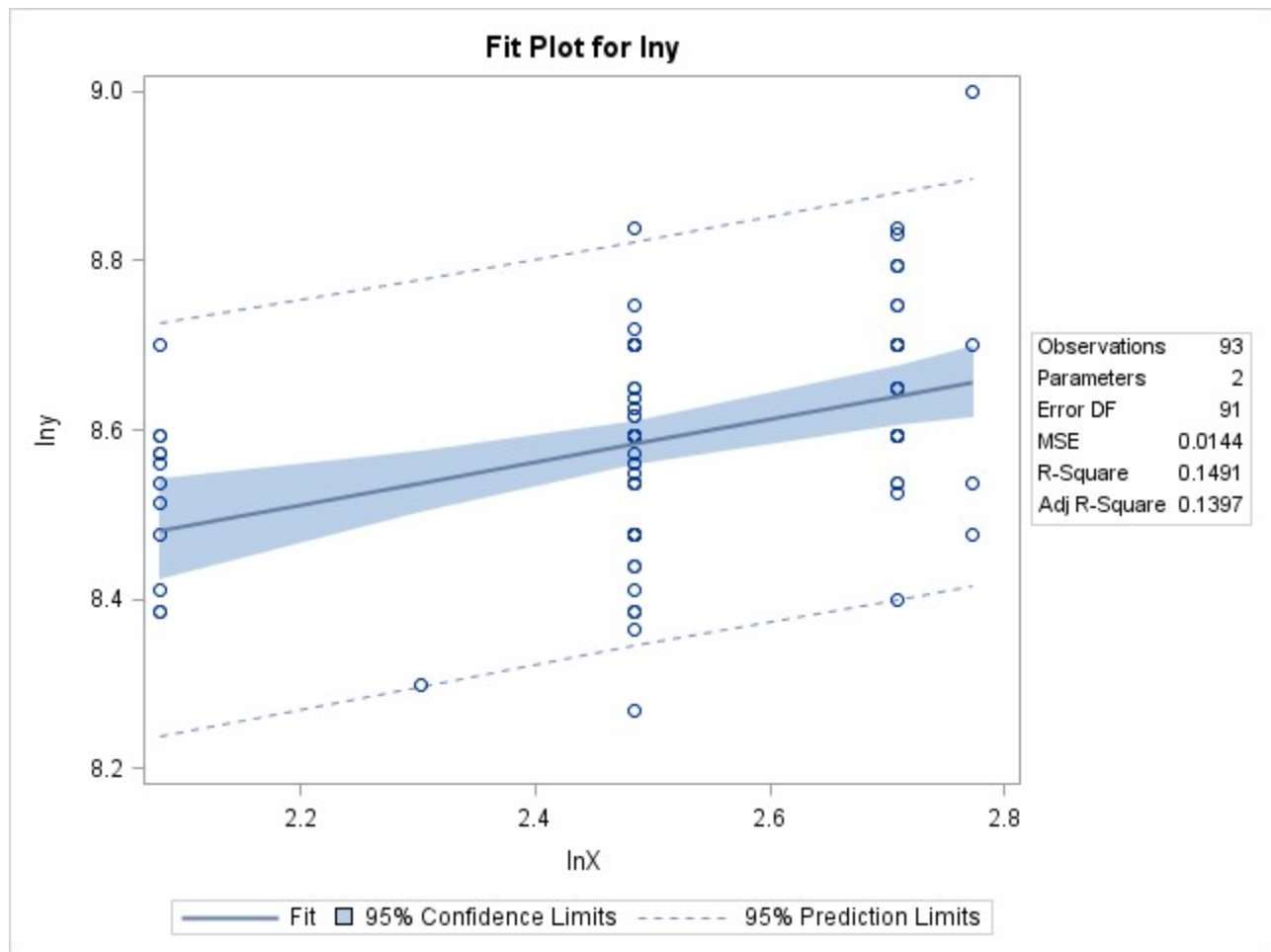
Fit Diagnostics for lny

Observations	93
Parameters	2
Error DF	91
MSE	0.0144
R-Square	0.1491
Adj R-Square	0.1397

Residuals for lny

Fit Plot for lny

Observations	93
Parameters	2
Error DF	91
MSE	0.0144
R-Square	0.1491
Adj R-Square	0.1397

Fit ☐ 95% Confidence Limits ------ 95% Prediction Limits

The SAS System

The REG Procedure
Model: MODEL1

Test 1 Results for Dependent Variable lny				
Source	DF	Mean Square	F Value	Pr > F
Numerator	1	2.03761	141.87	<.0001
Denominator	91	0.01436		

The SAS System

The REG Procedure
Model: MODEL1

Test 2 Results for Dependent Variable lny				
Source	DF	Mean Square	F Value	Pr > F
Numerator	1	36.37462	2532.53	<.0001
Denominator	91	0.01436		

The SAS System

The REG Procedure
Model: MODEL1

Test 3 Results for Dependent Variable lny				
Source	DF	Mean Square	F Value	Pr > F
Numerator	1	0.22901	15.94	0.0001
Denominator	91	0.01436		

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: lny

Number of Observations Read	94
Number of Observations Used	90
Number of Observations with Missing Values	4

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	0.44972	0.14991	14.43	<.0001
Error	86	0.89354	0.01039		
Corrected Total	89	1.34326			

Root MSE	0.10193	**R-Square**	0.3348
Dependent Mean	8.59773	**Adj R-Sq**	0.3116
Coeff Var	1.18556		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	7.72596	0.14504	53.27	<.0001
lnX	1	0.25183	0.05350	4.71	<.0001
lne	1	0.03694	0.00990	3.73	0.0003
Int	1	0.03354	0.01177	2.85	0.0055

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: Iny
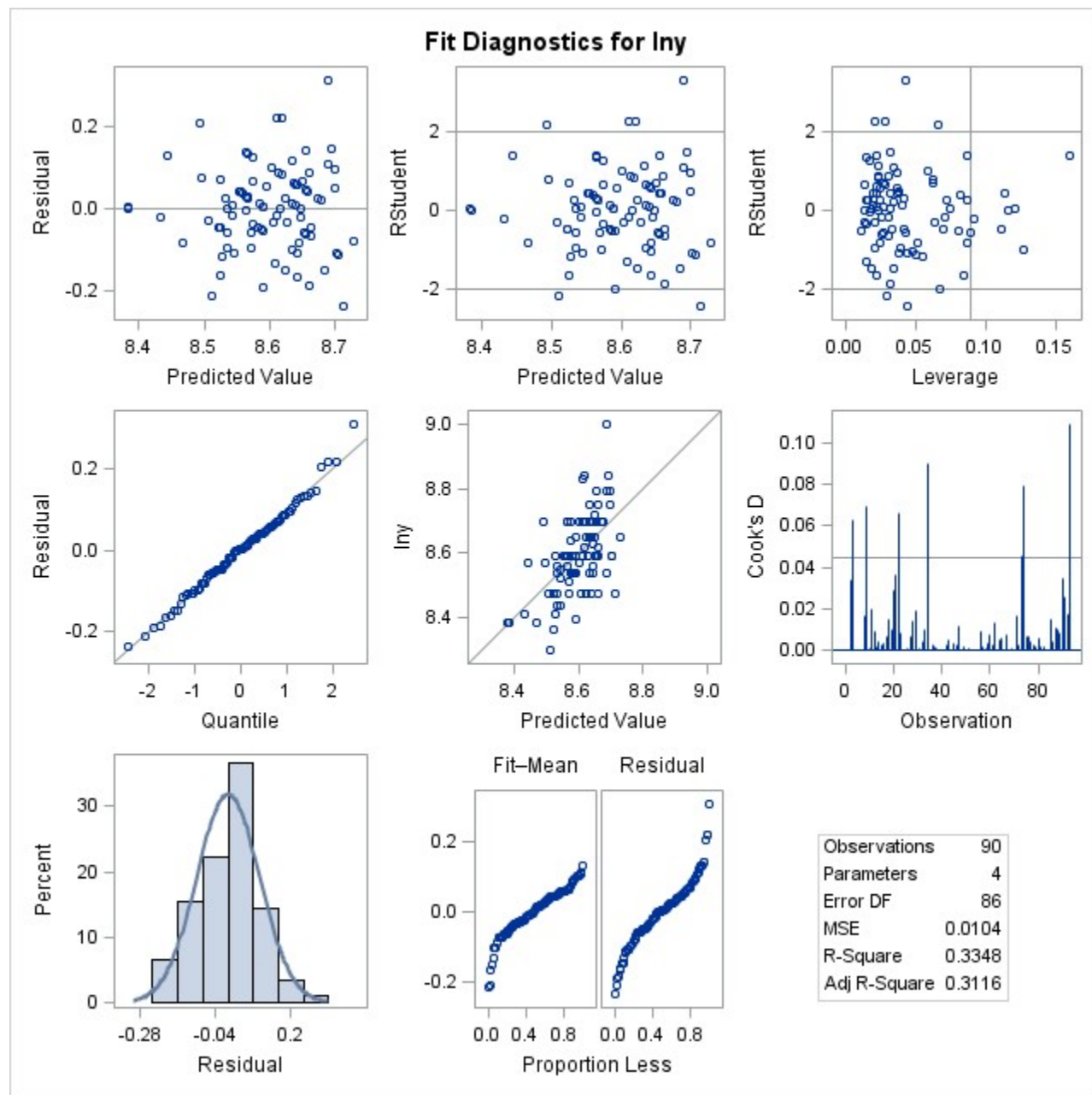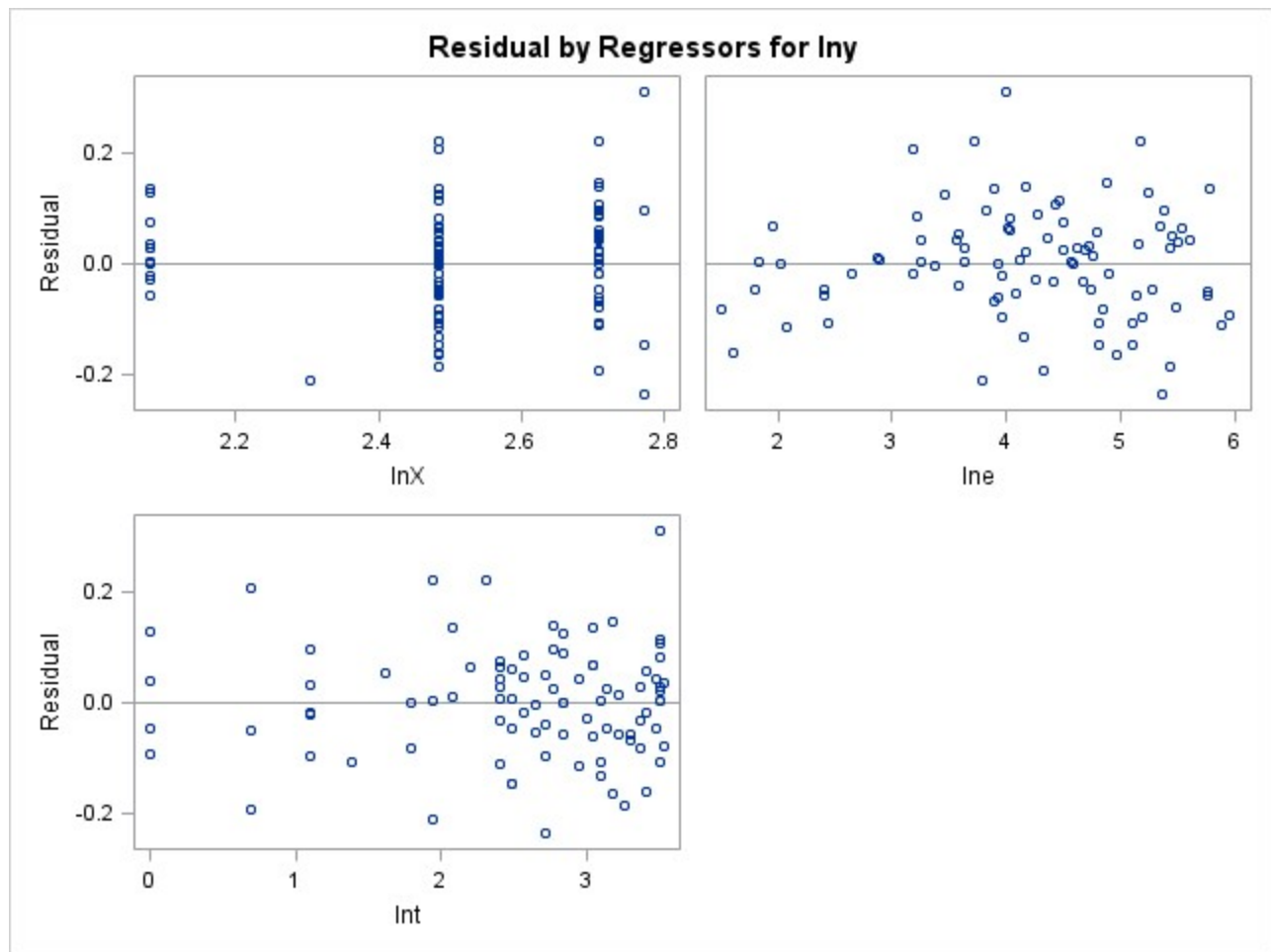
Fit Diagnostics for Iny

Observations	90
Parameters	4
Error DF	86
MSE	0.0104
R-Square	0.3348
Adj R-Square	0.3116

Residual by Regressors for lny

The SAS System

The REG Procedure
Model: MODEL1

Test 1 Results for Dependent Variable lny				
Source	DF	Mean Square	F Value	Pr > F
Numerator	1	0.00050707	0.05	0.8257
Denominator	86	0.01039		