Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ

Number of Observations Read	38
Number of Observations Used	38

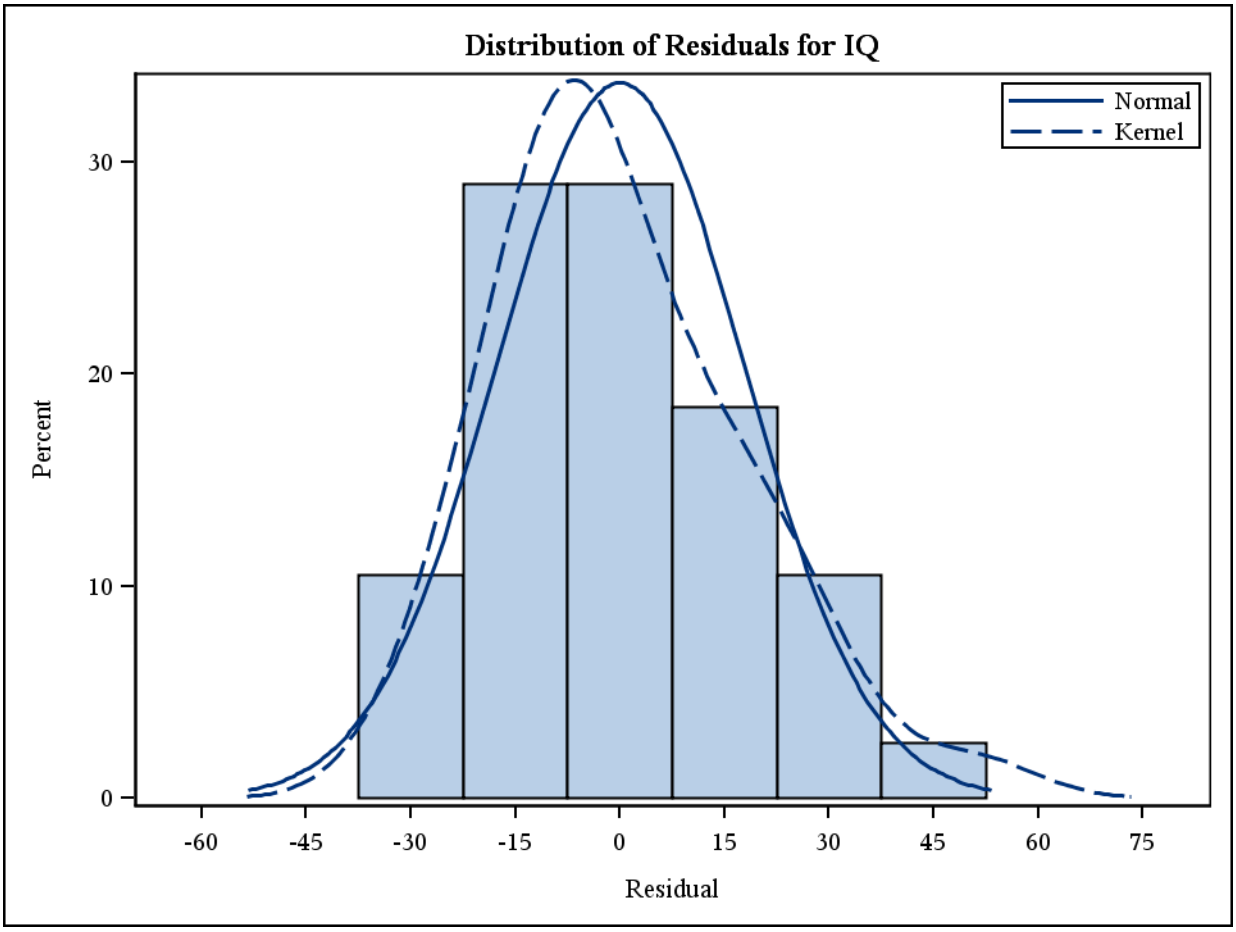
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	2244.40784	2244.40784	6.93	0.0124
Error	36	11656	323.79057		
Corrected Total	37	13901			

Root MSE	17.99418	R-Square	0.1615
Dependent Mean	117.23684	Adj R-Sq	0.1382
Coeff Var	15.34857		

Parameter Estimates								
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	95% Confidence Limits	
Intercept	Intercept	1	90.75499	10.47342	8.67	<.0001	69.51391	111.99607
crycount	cry count	1	1.53635	0.58354	2.63	0.0124	0.35287	2.71983

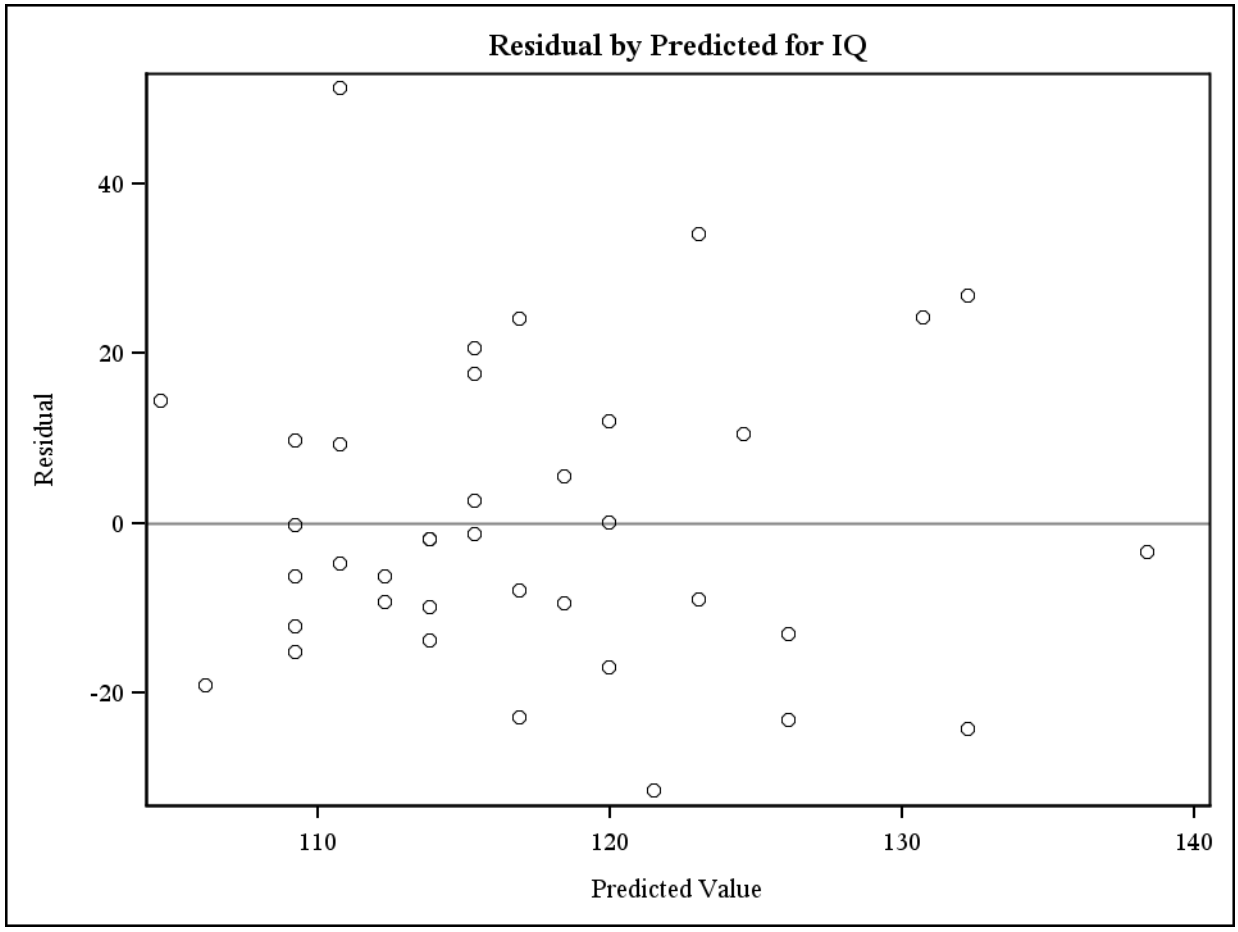
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



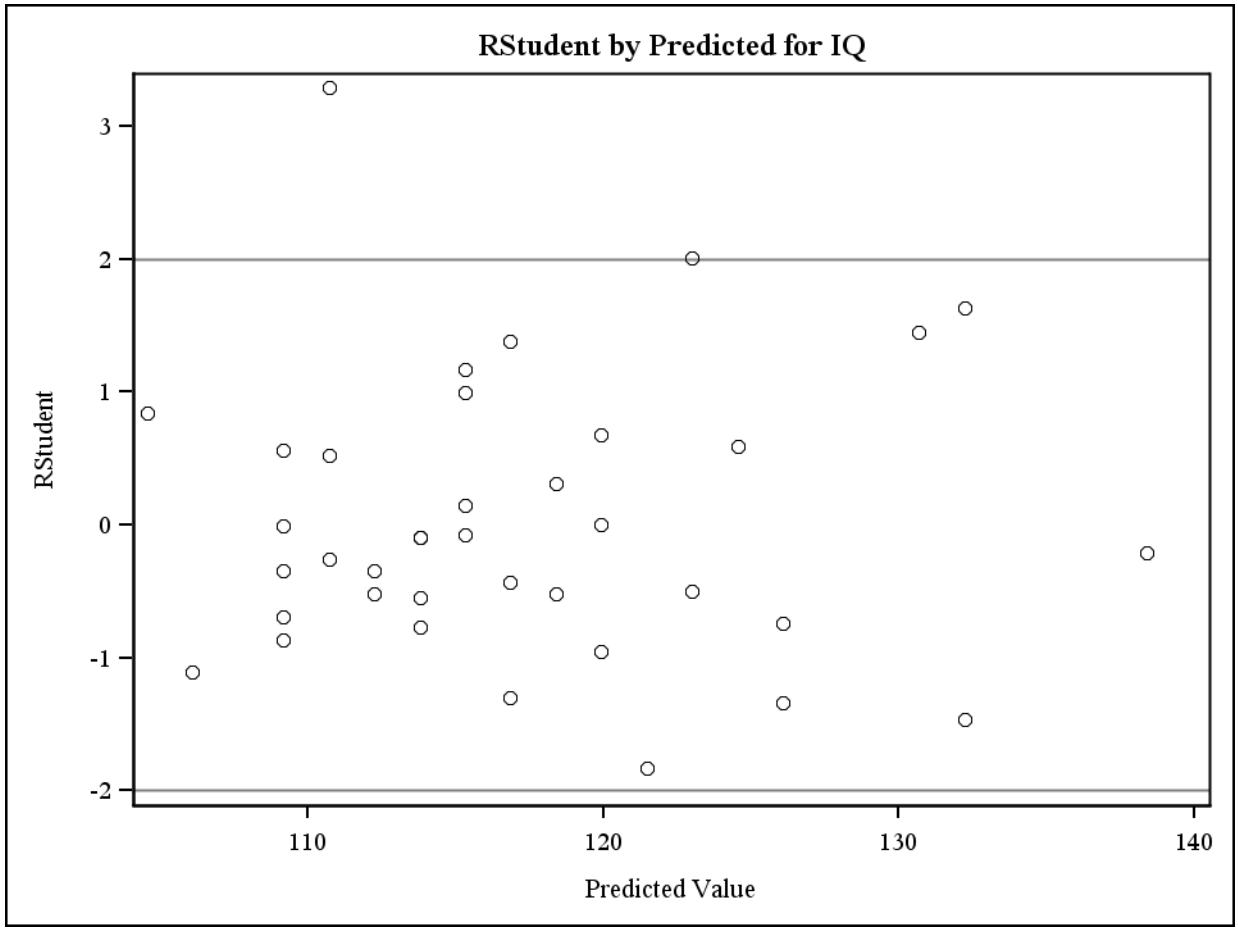
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



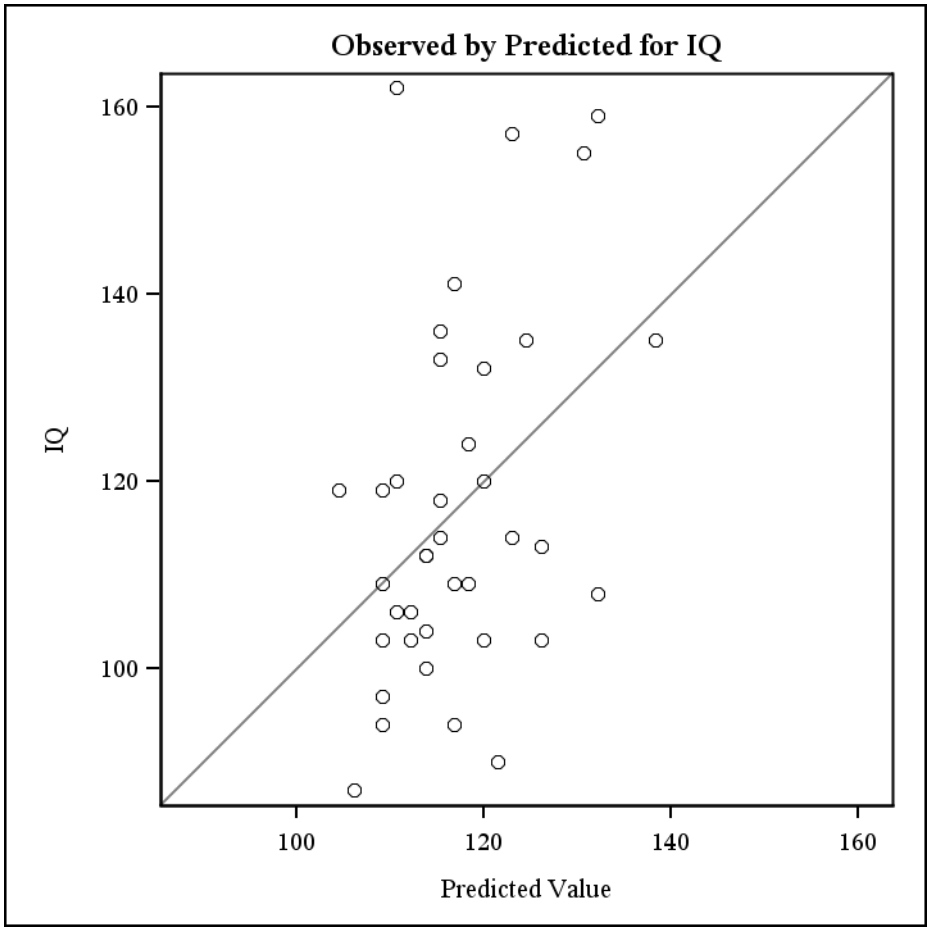
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



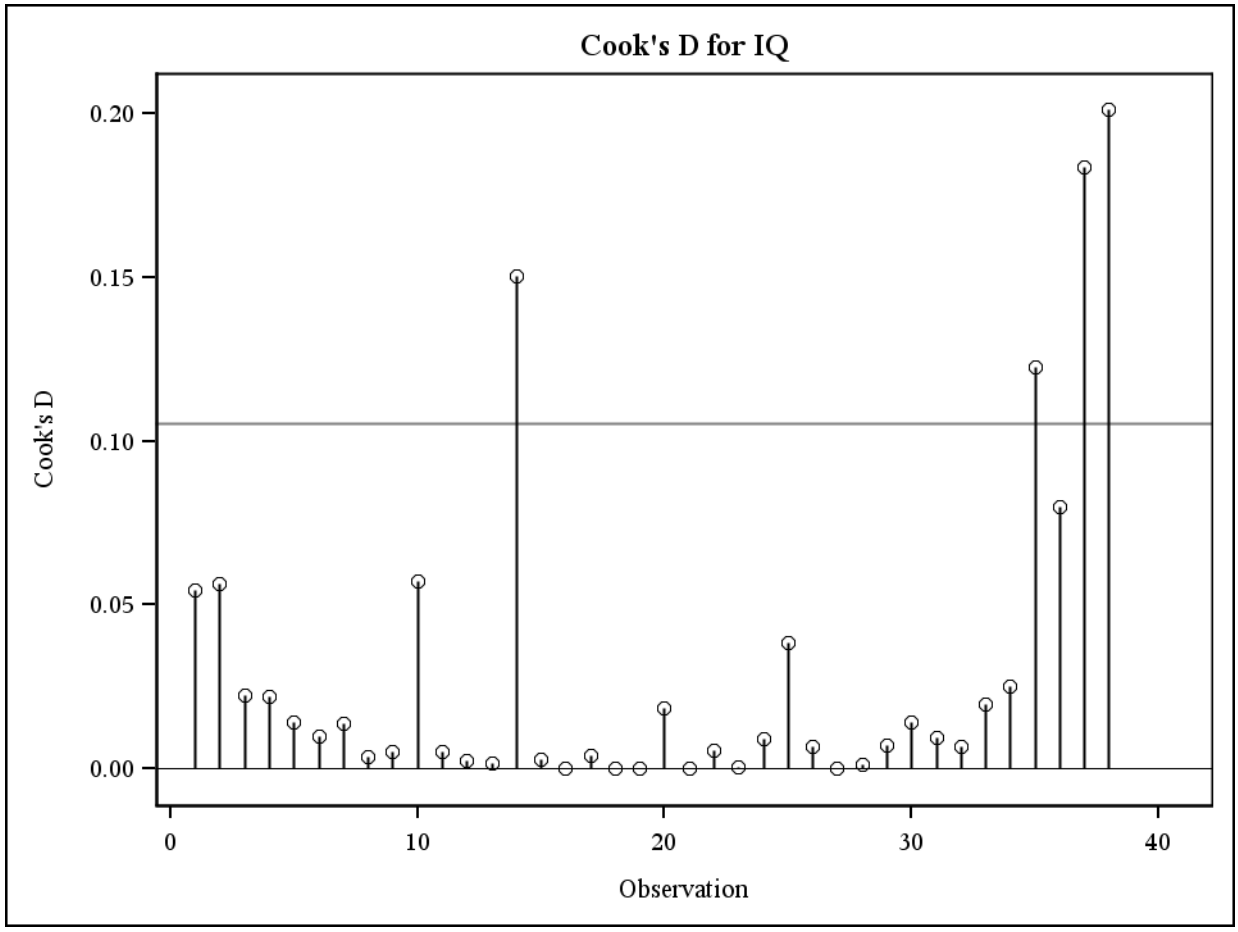
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



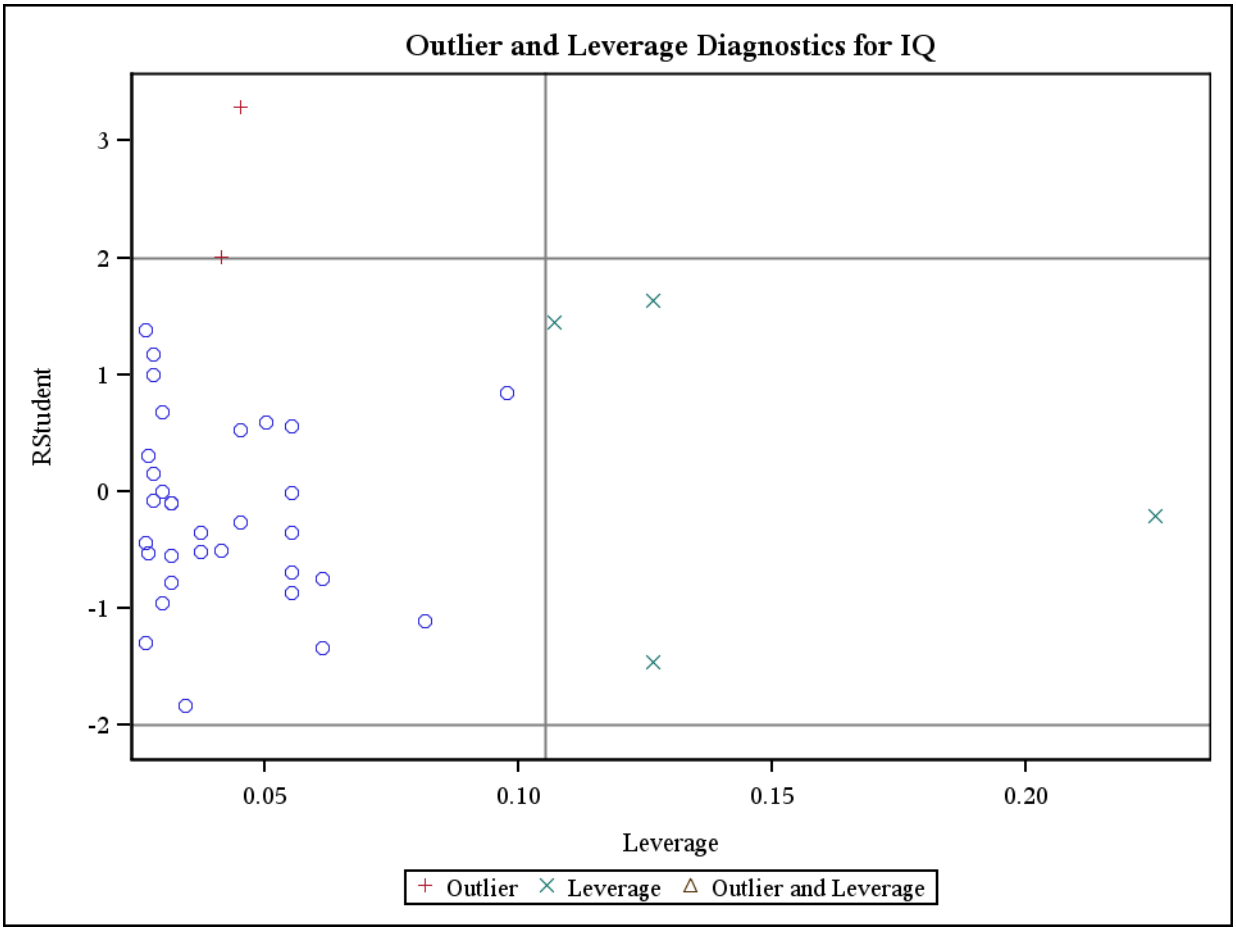
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



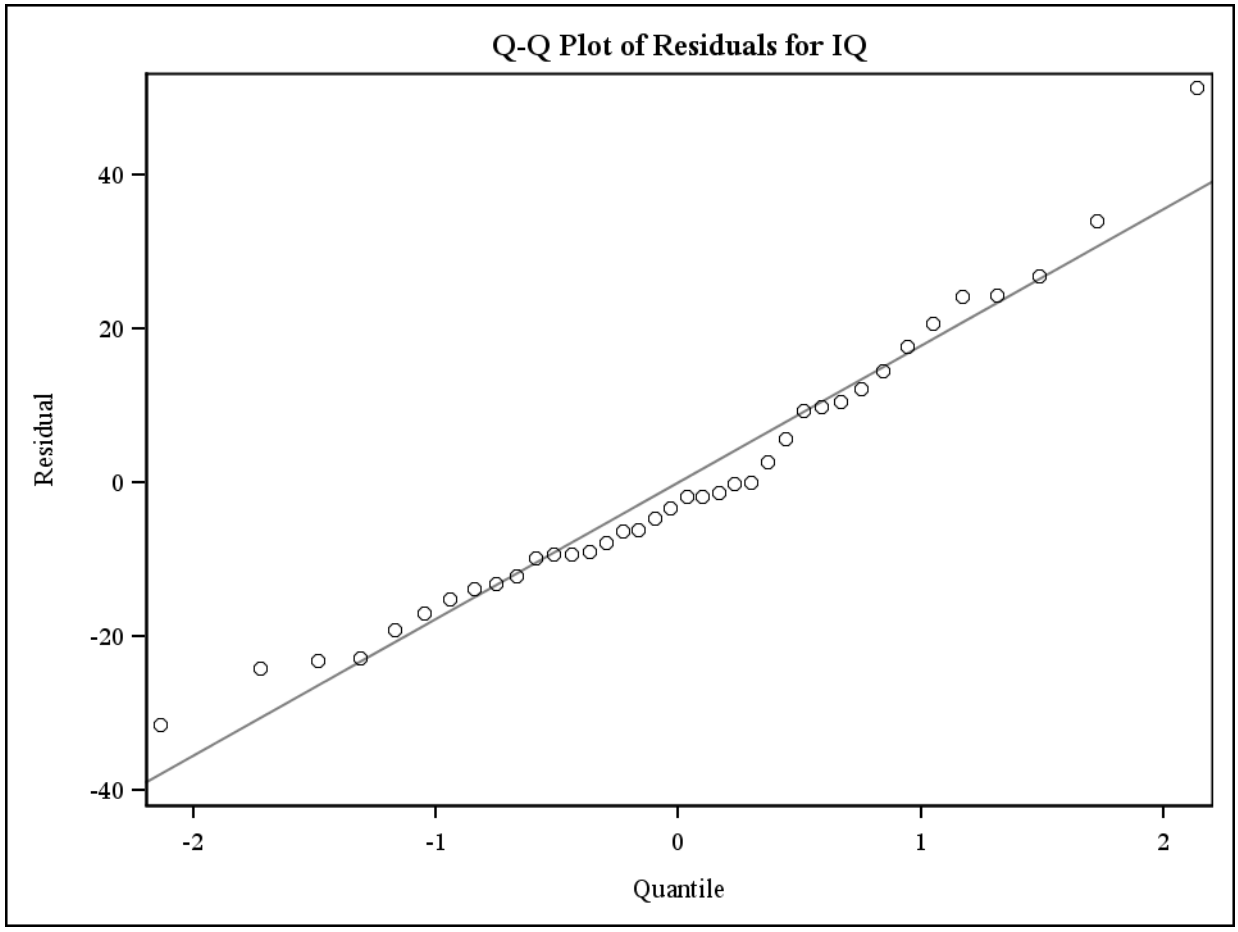
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



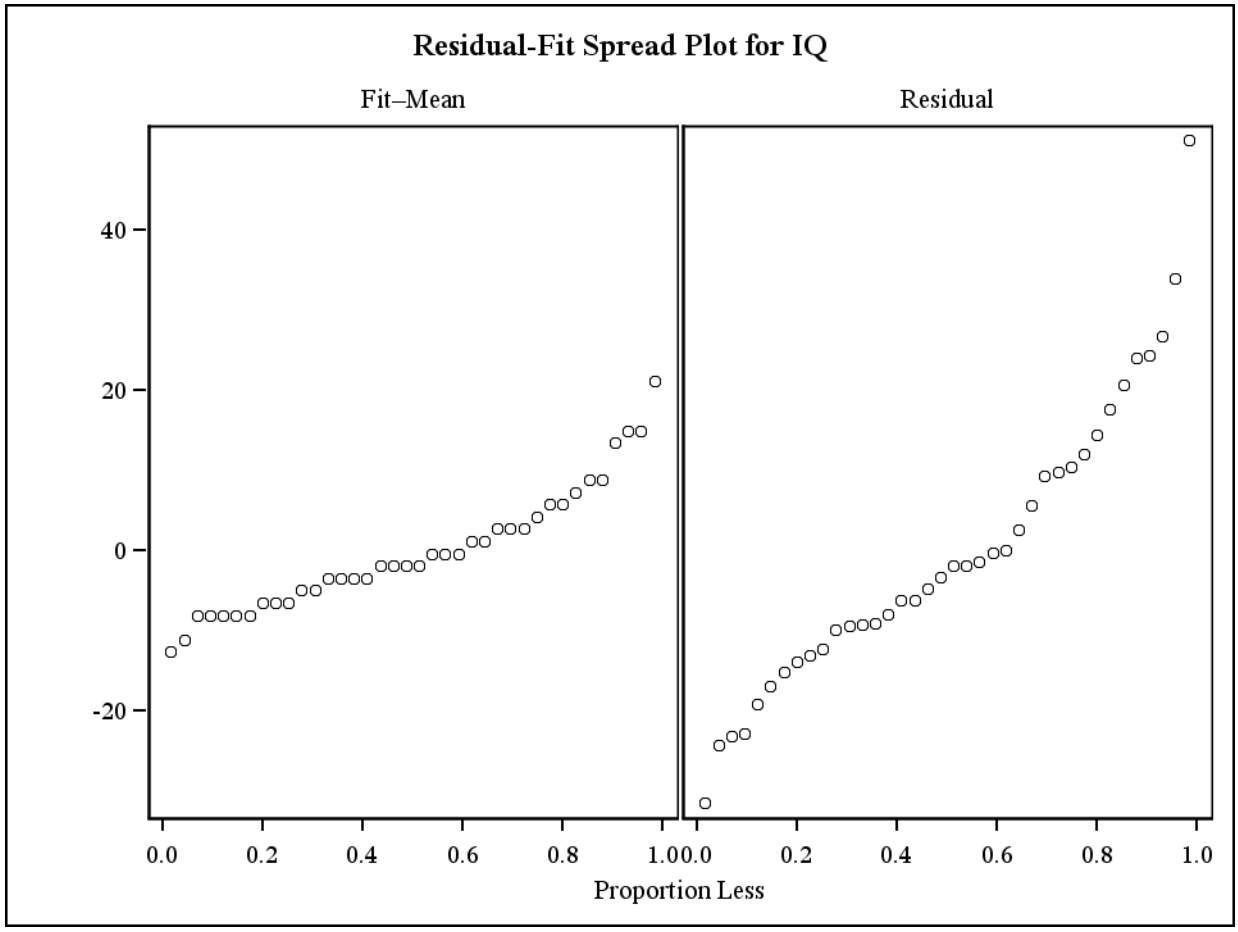
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



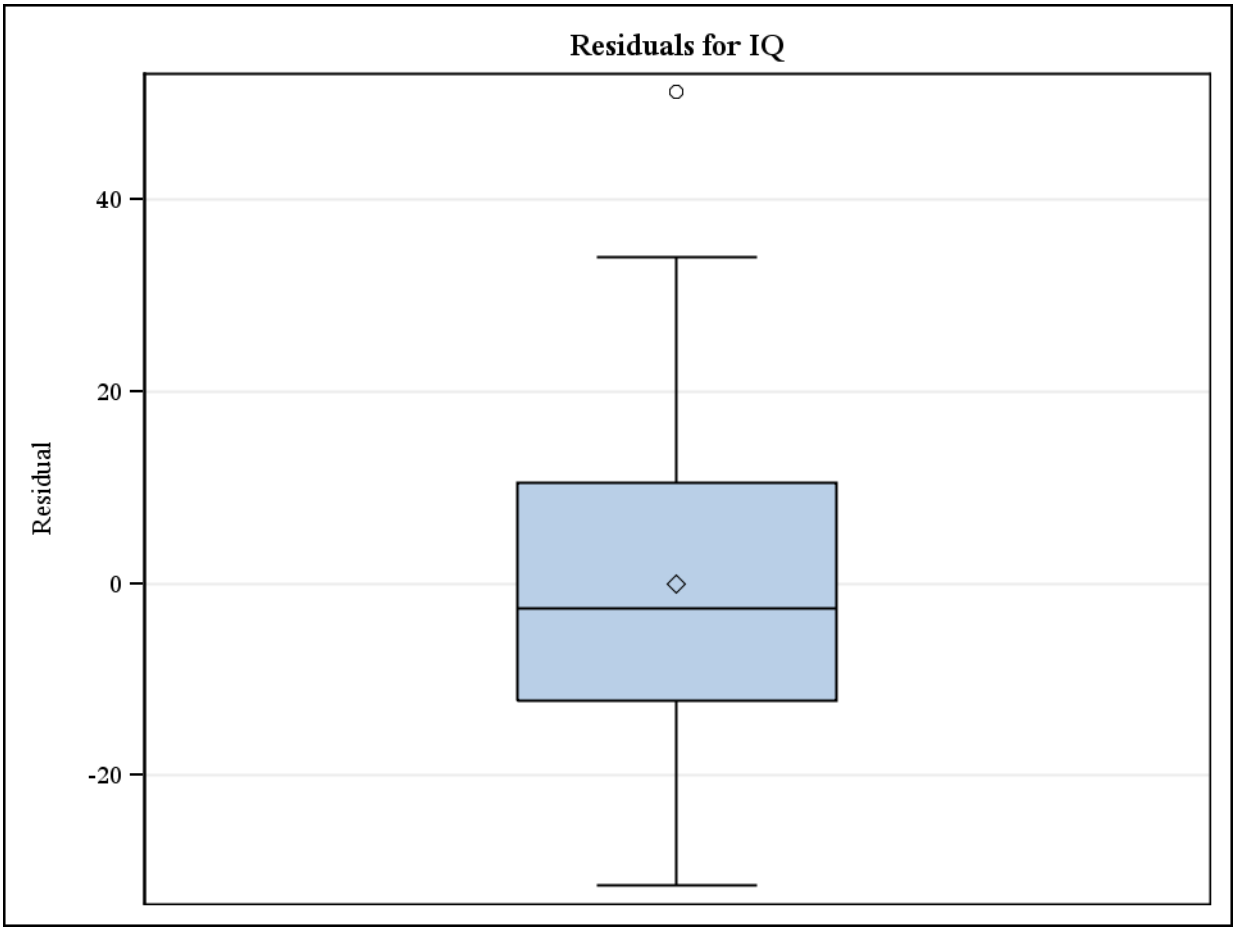
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



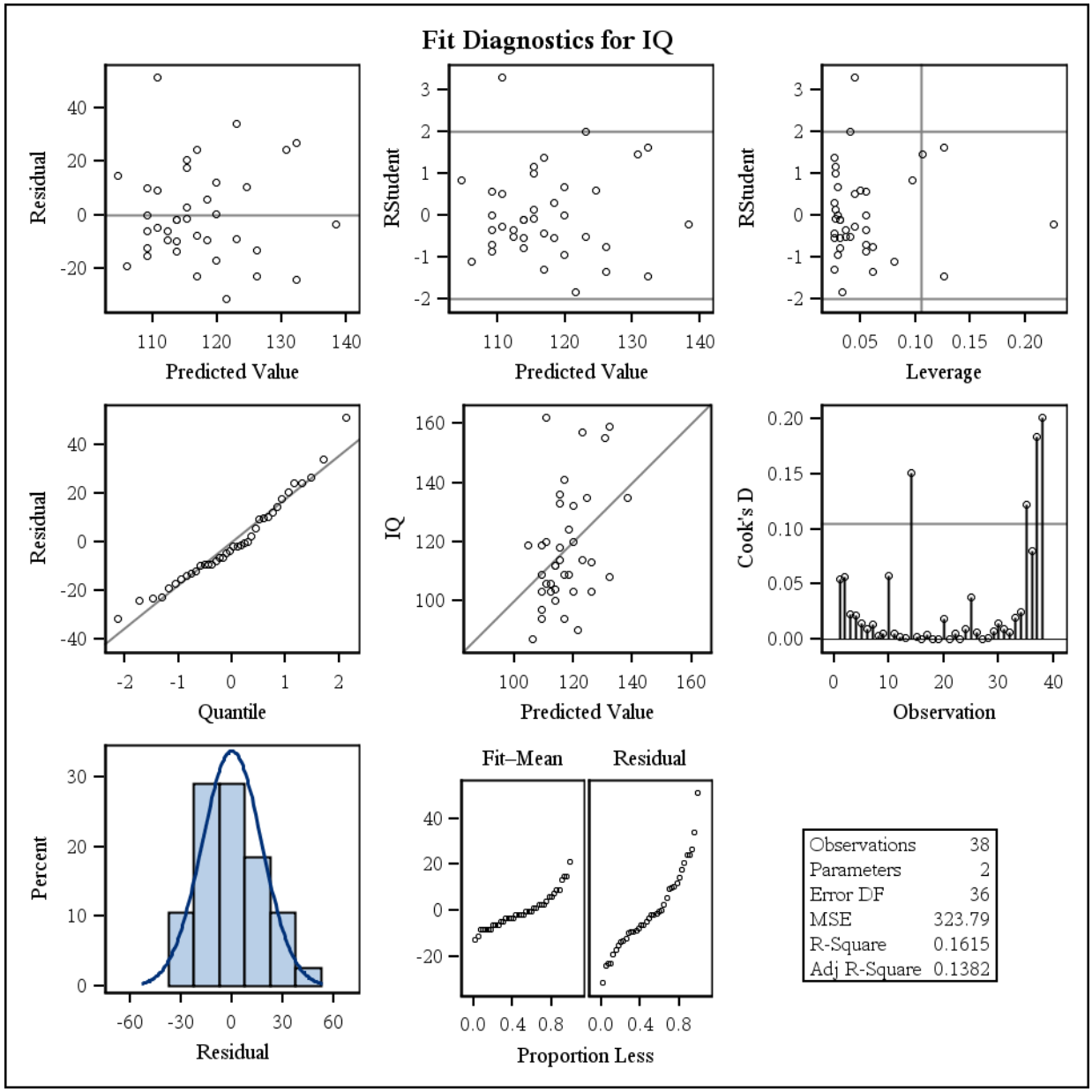
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



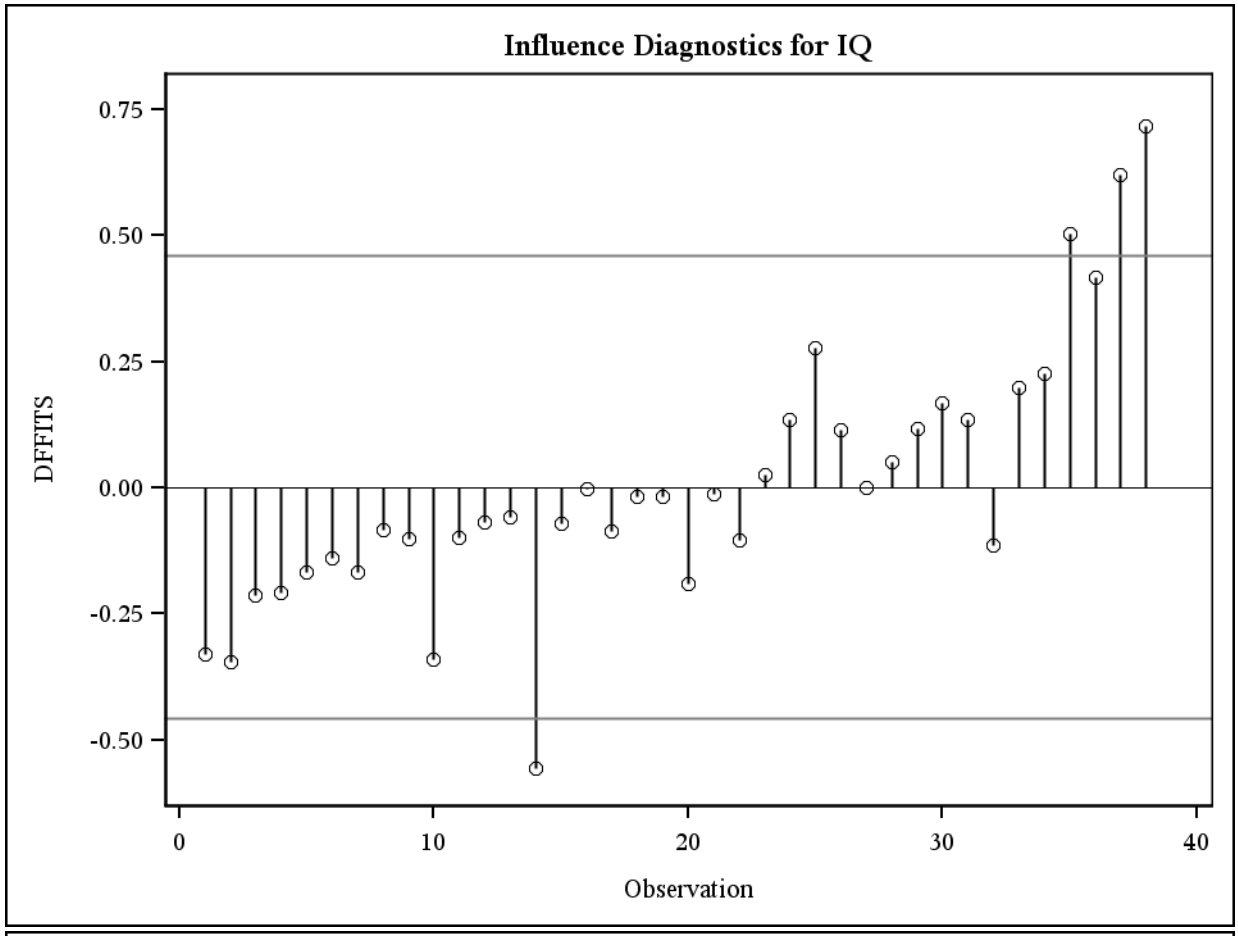
Simple Linear Regression, including confidence interval for slope and all plots

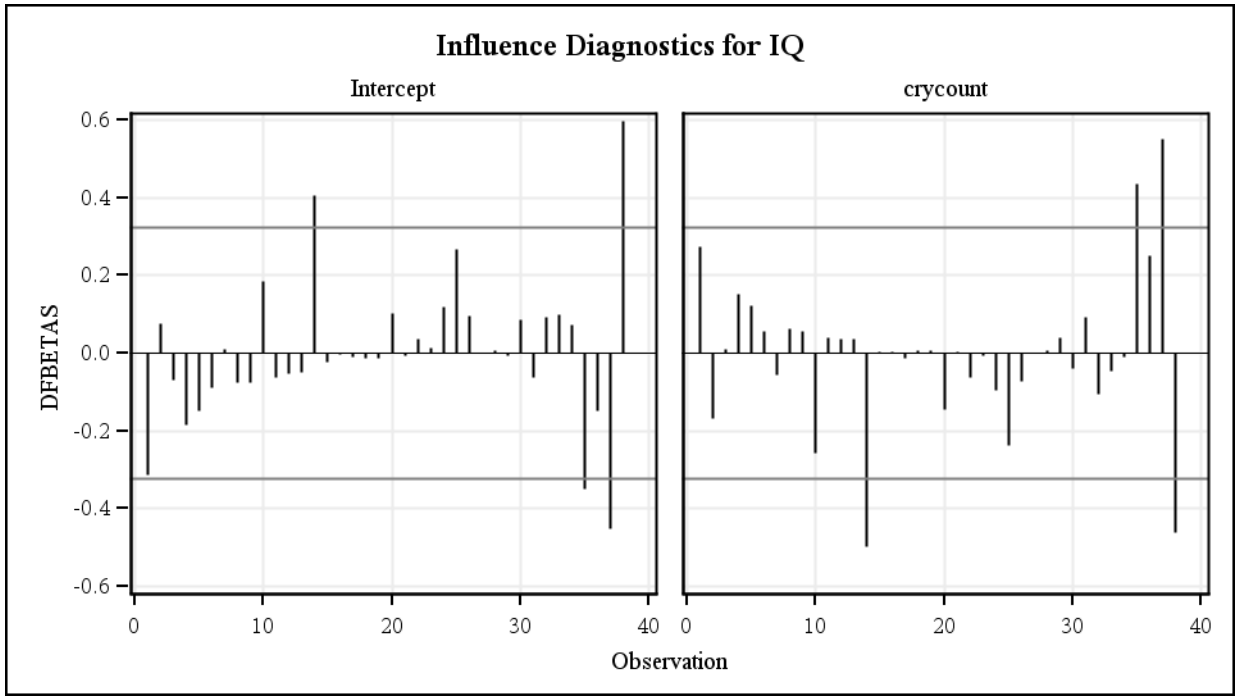
The REG Procedure
Model: MODEL1
Dependent Variable: IQ



Simple Linear Regression, including confidence interval for slope and all plots

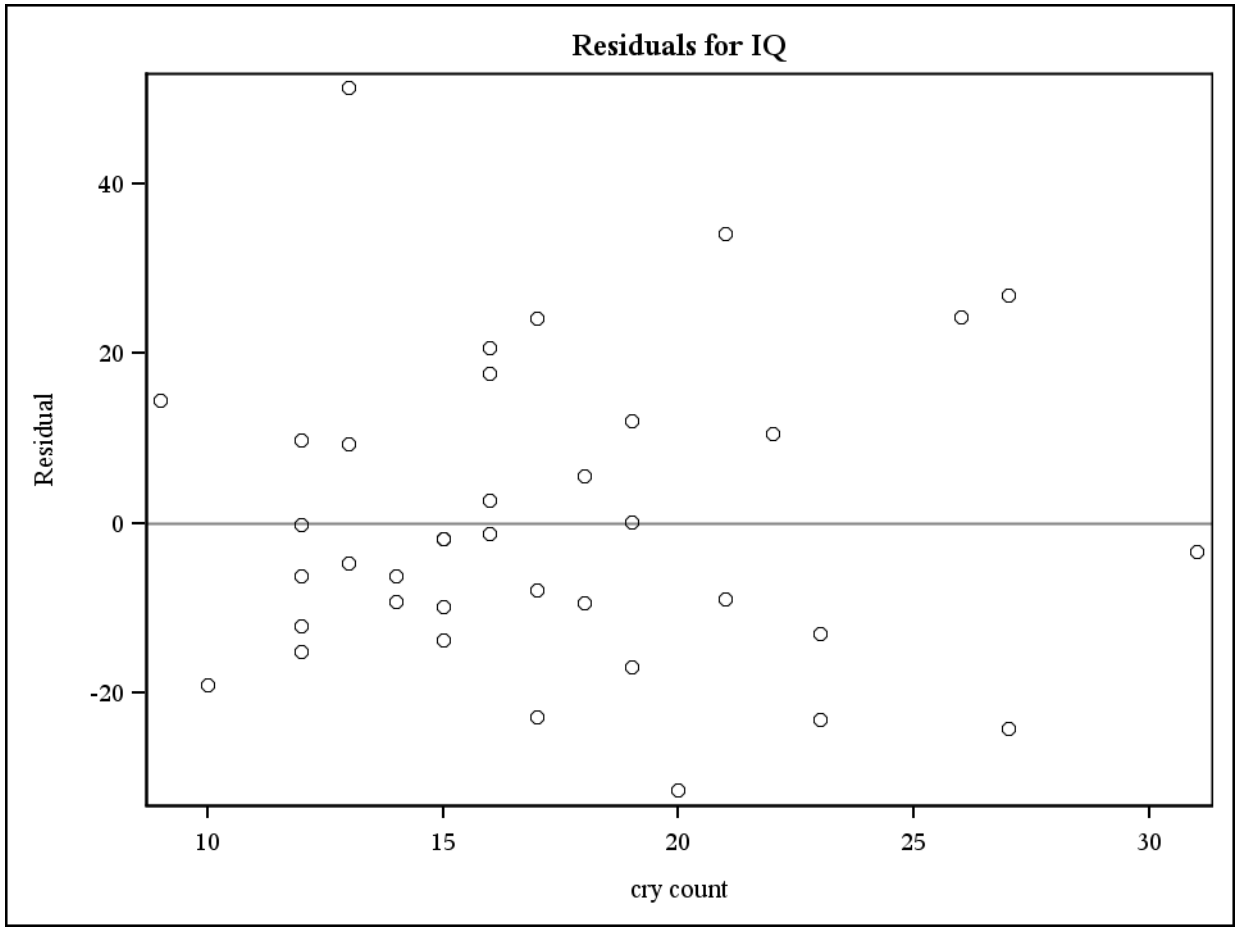
The REG Procedure
Model: MODEL1
Dependent Variable: IQ





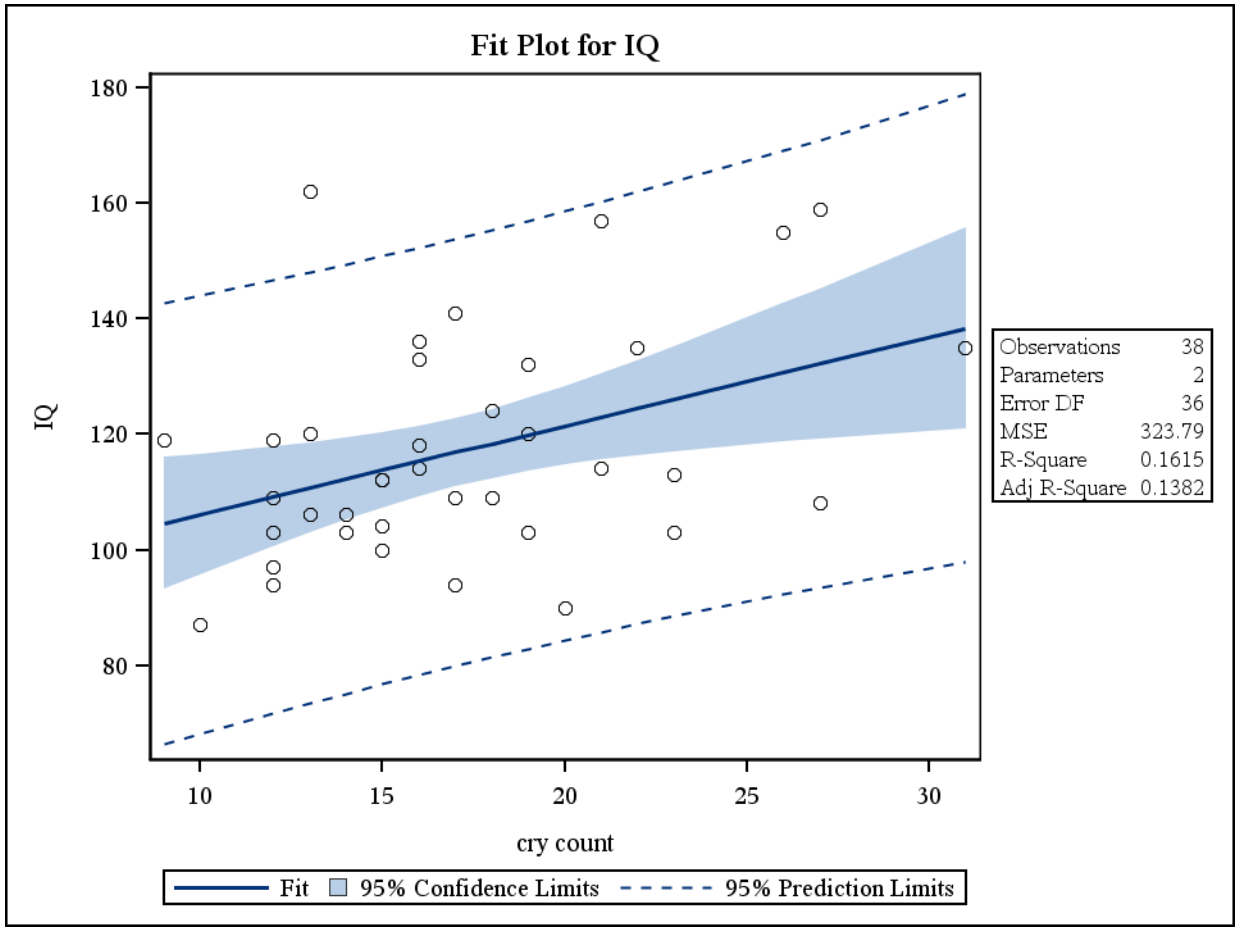
Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



Simple Linear Regression, including confidence interval for slope and all plots

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ

Number of Observations Read	38
Number of Observations Used	38

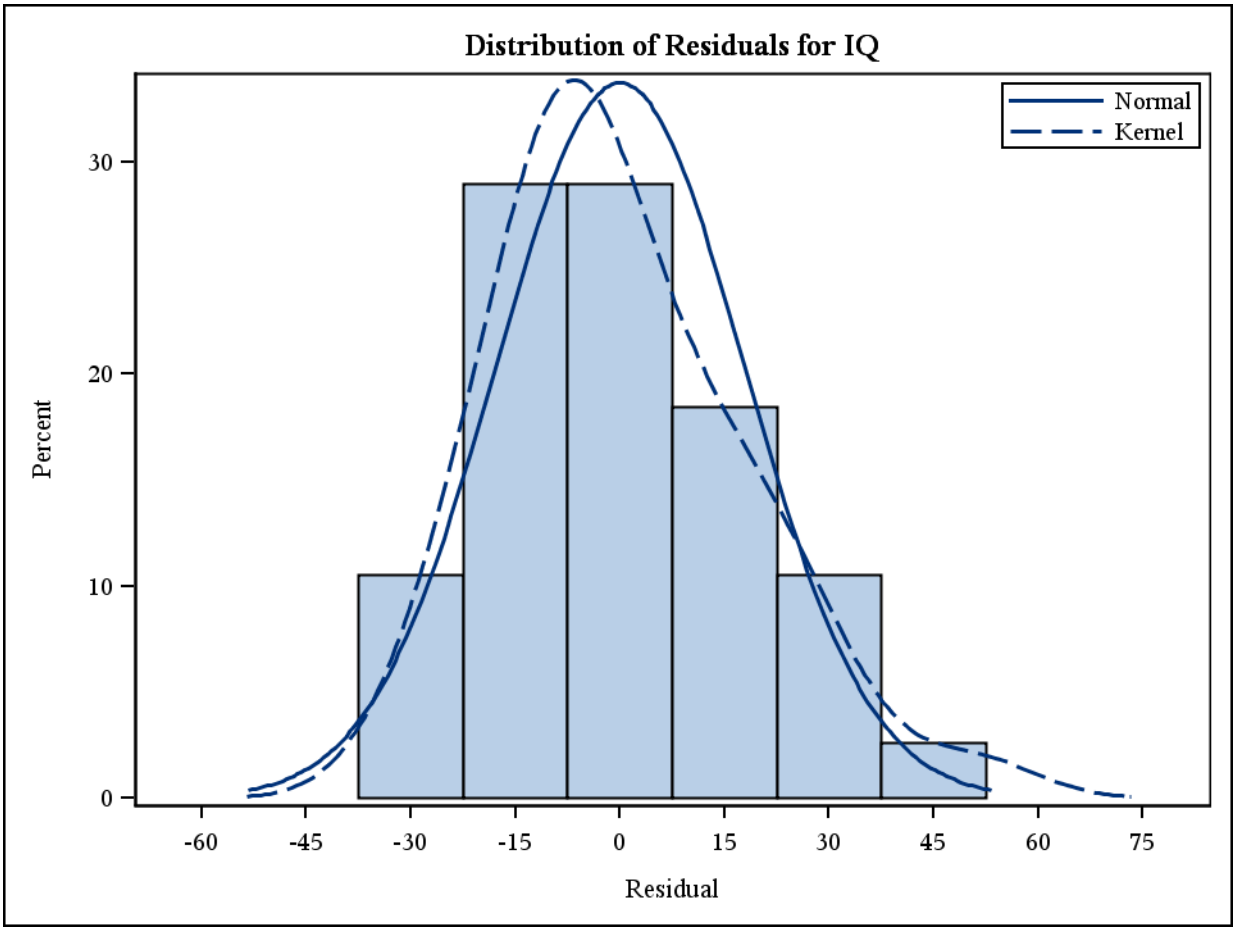
Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	1	2244.40784	2244.40784	6.93	0.0124
Error	36	11656	323.79057		
Corrected Total	37	13901			

Root MSE	17.99418	**R-Square**	0.1615
Dependent Mean	117.23684	**Adj R-Sq**	0.1382
Coeff Var	15.34857		

Parameter Estimates								
Variable	**Label**	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**95% Confidence Limits**	
Intercept	Intercept	1	90.75499	10.47342	8.67	<.0001	69.51391	111.99607
crycount	cry count	1	1.53635	0.58354	2.63	0.0124	0.35287	2.71983

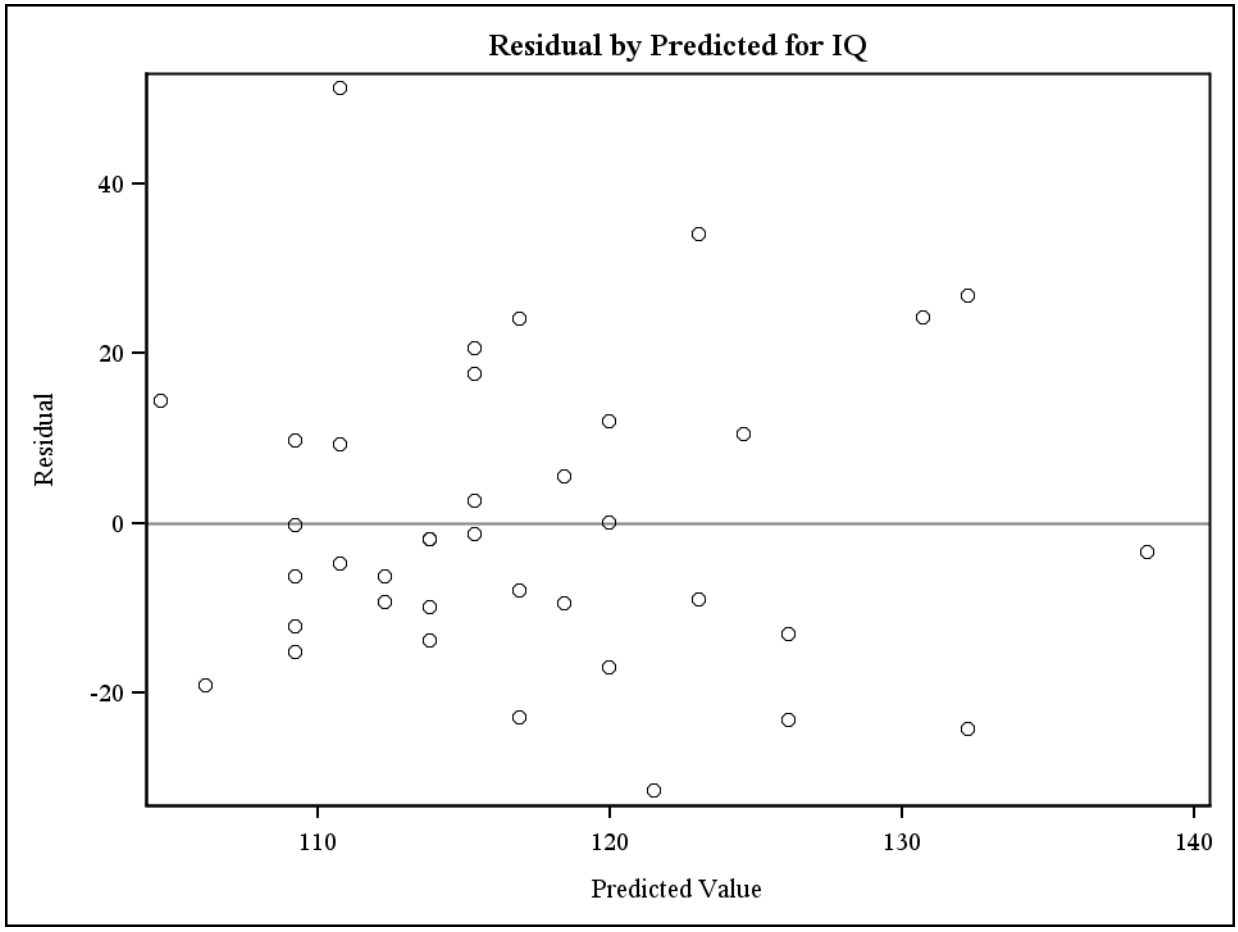
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



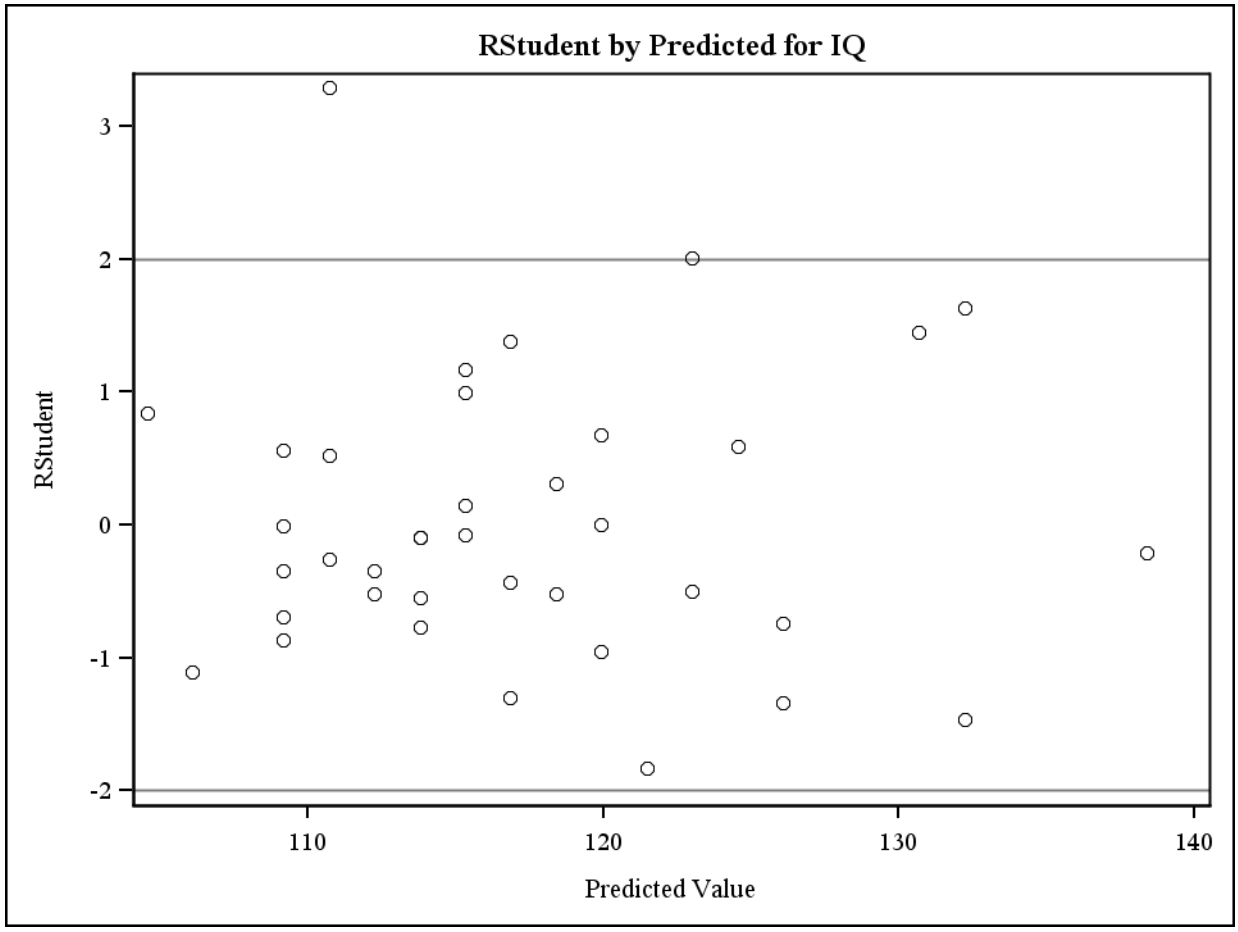
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



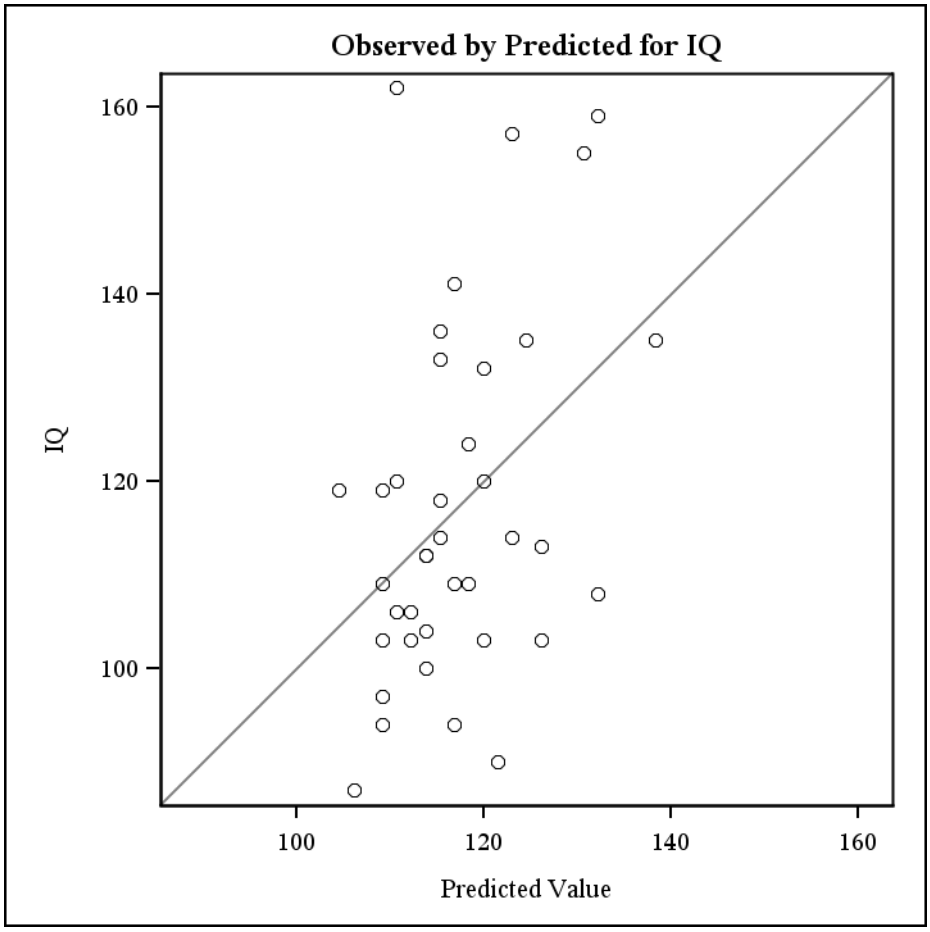
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



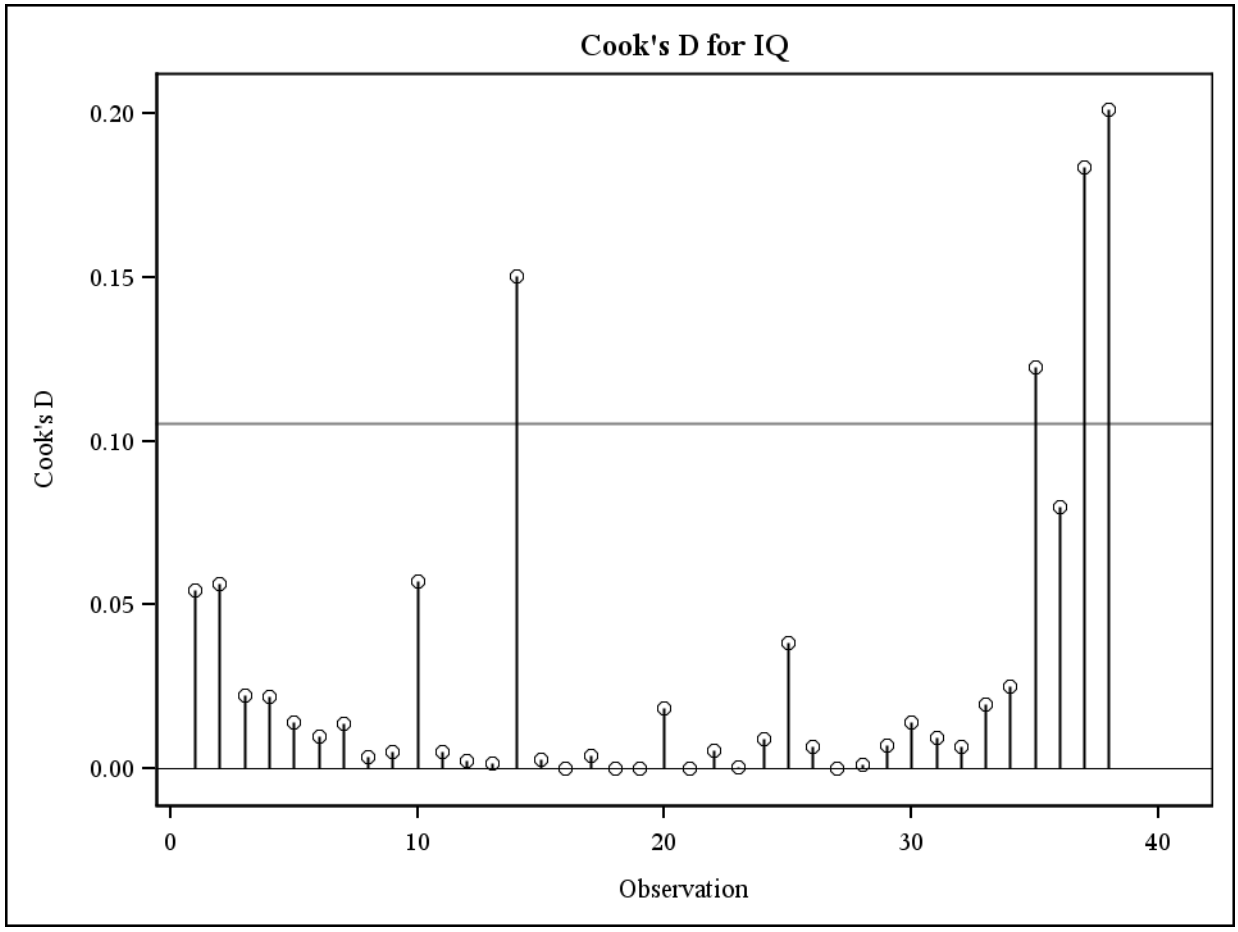
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



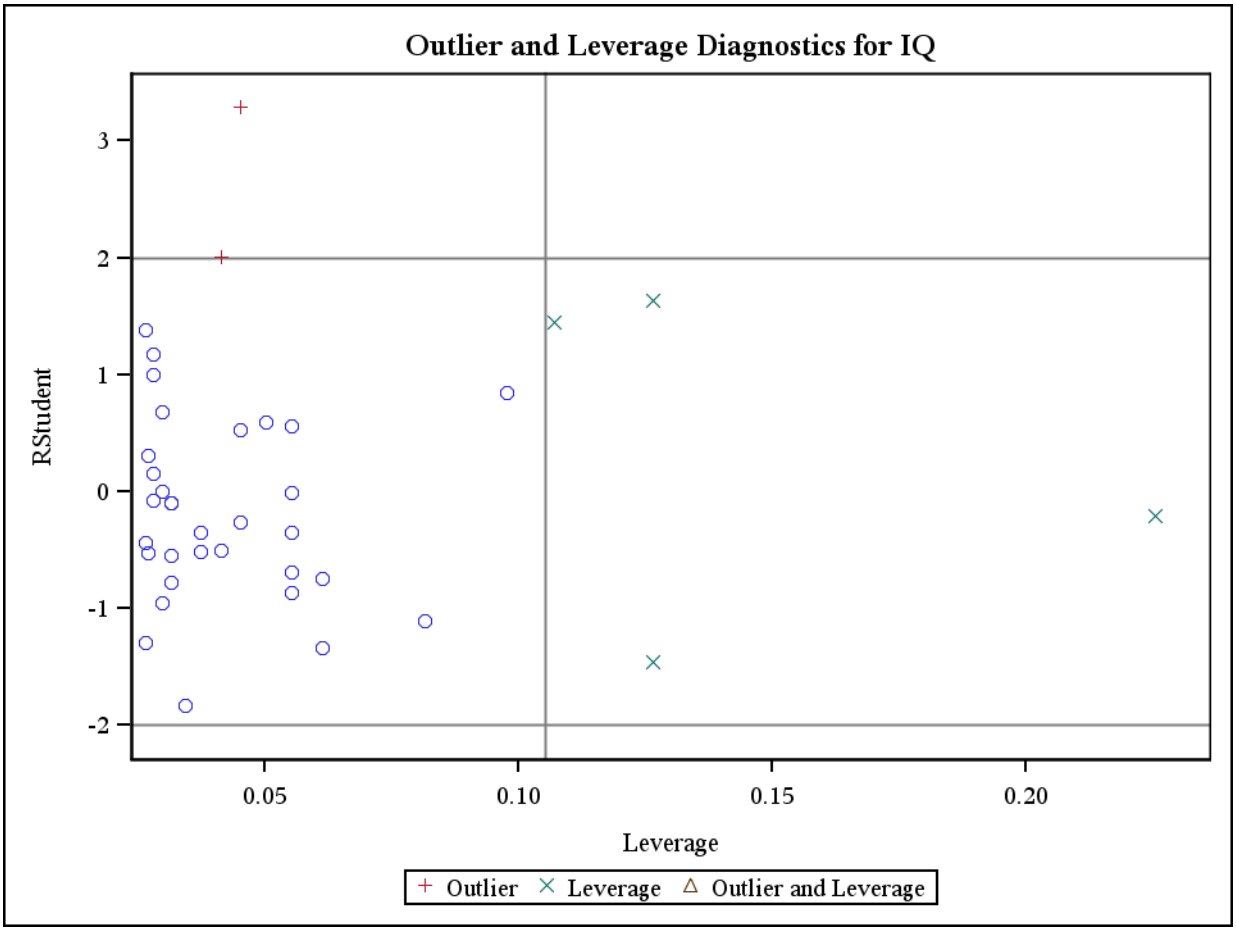
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



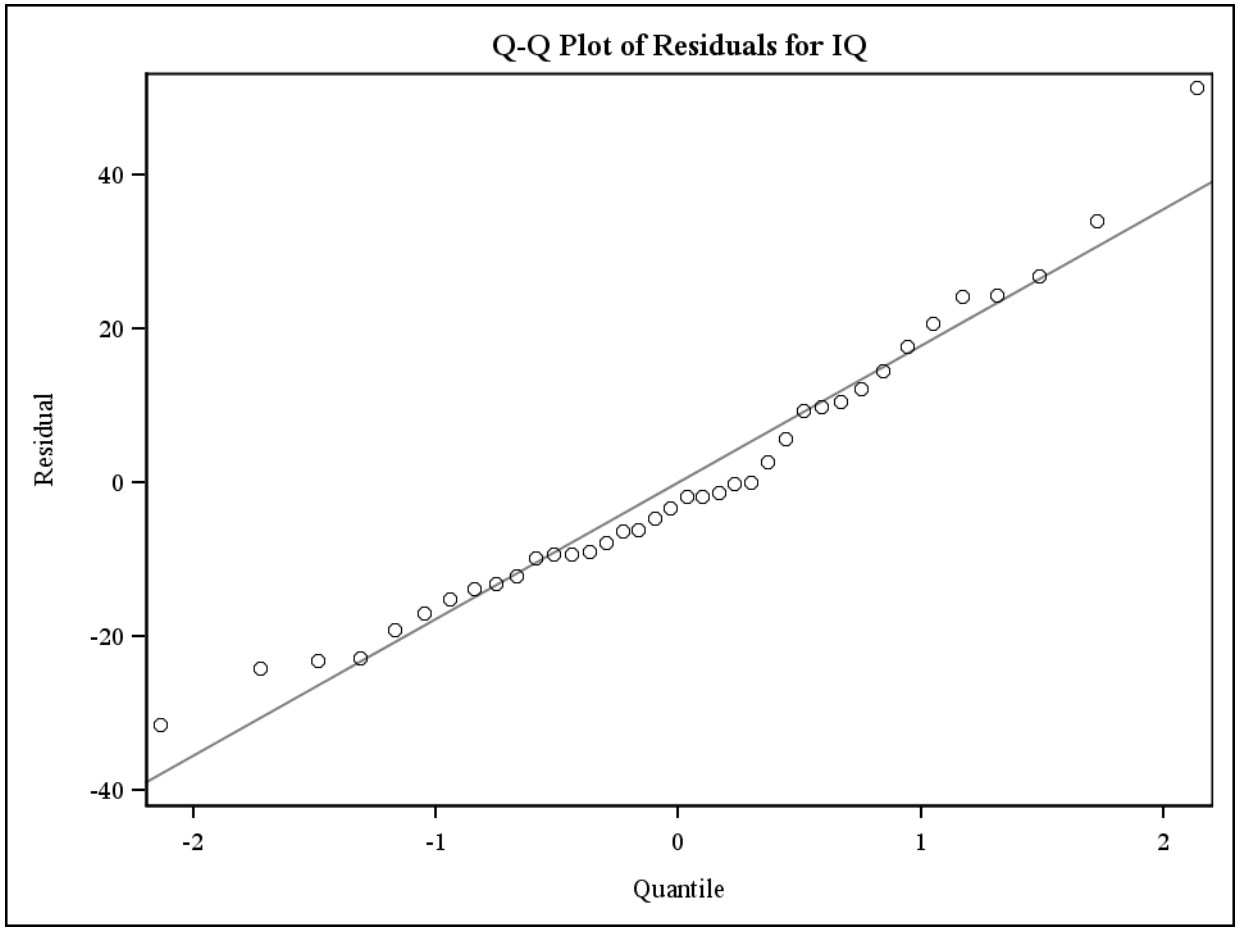
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



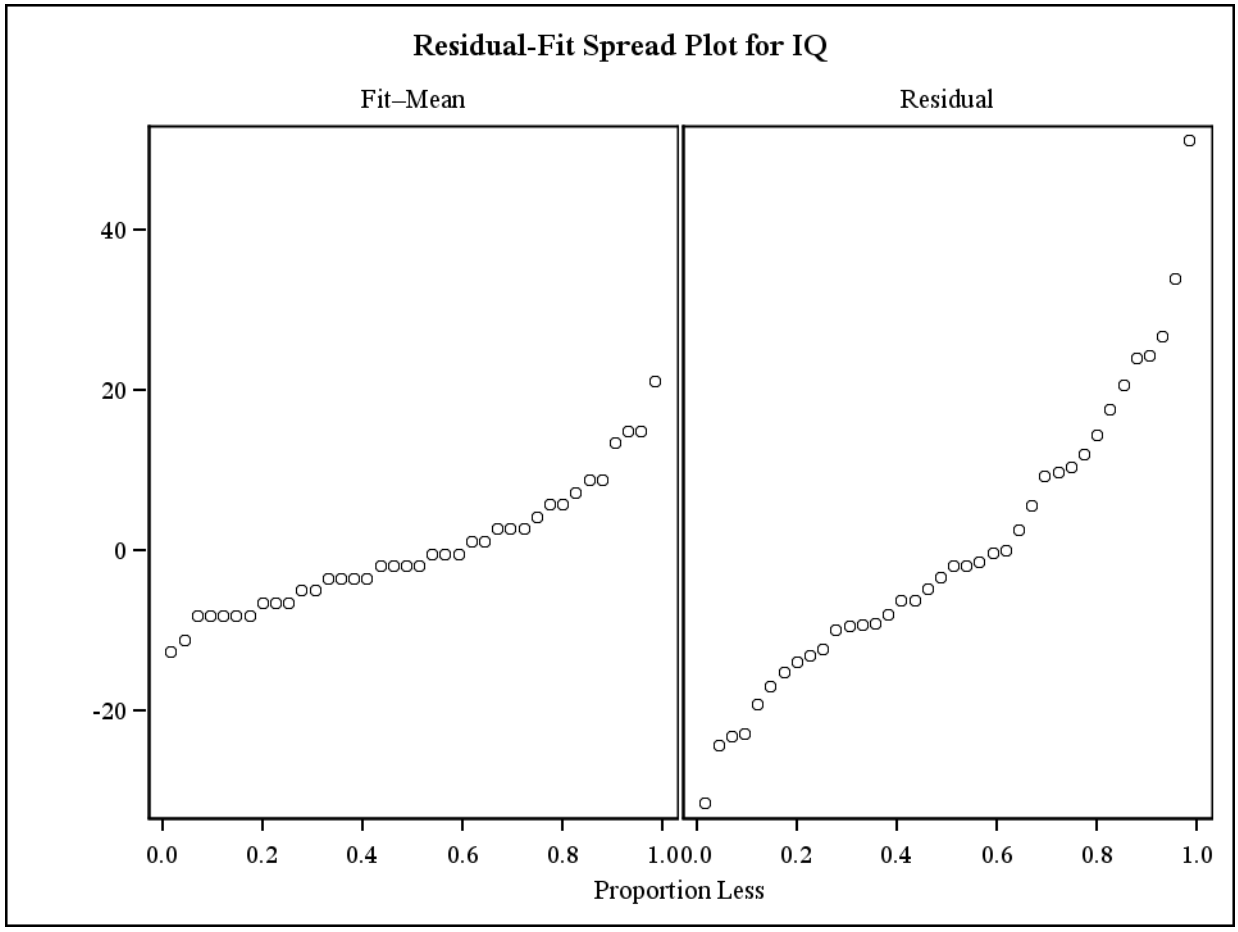
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



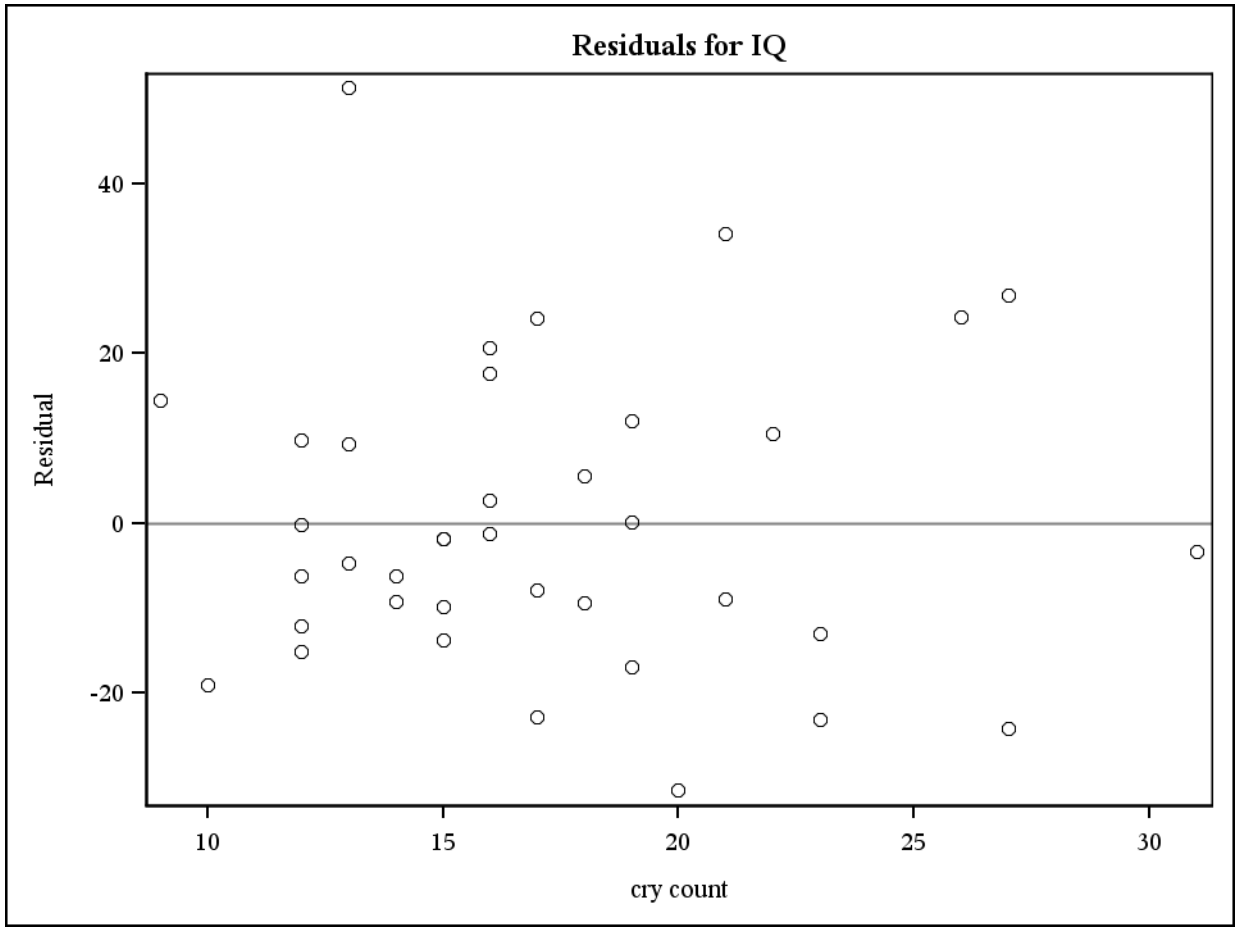
Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

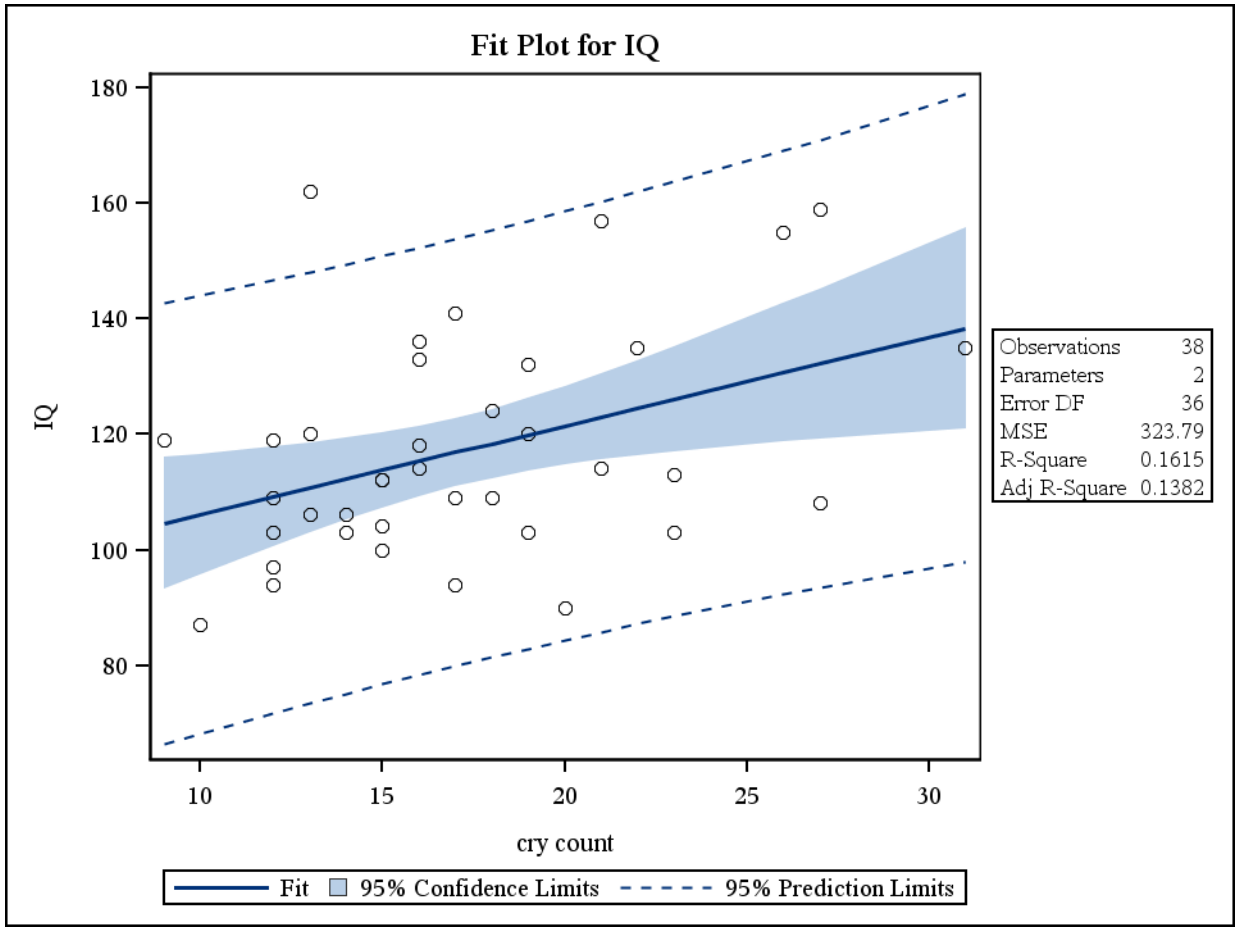
The REG Procedure
Model: MODEL1
Dependent Variable: IQ



Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ



Simple Linear Regression, including confidence interval for slope and diagnostic plots unpacked

The REG Procedure
Model: MODEL1
Dependent Variable: IQ