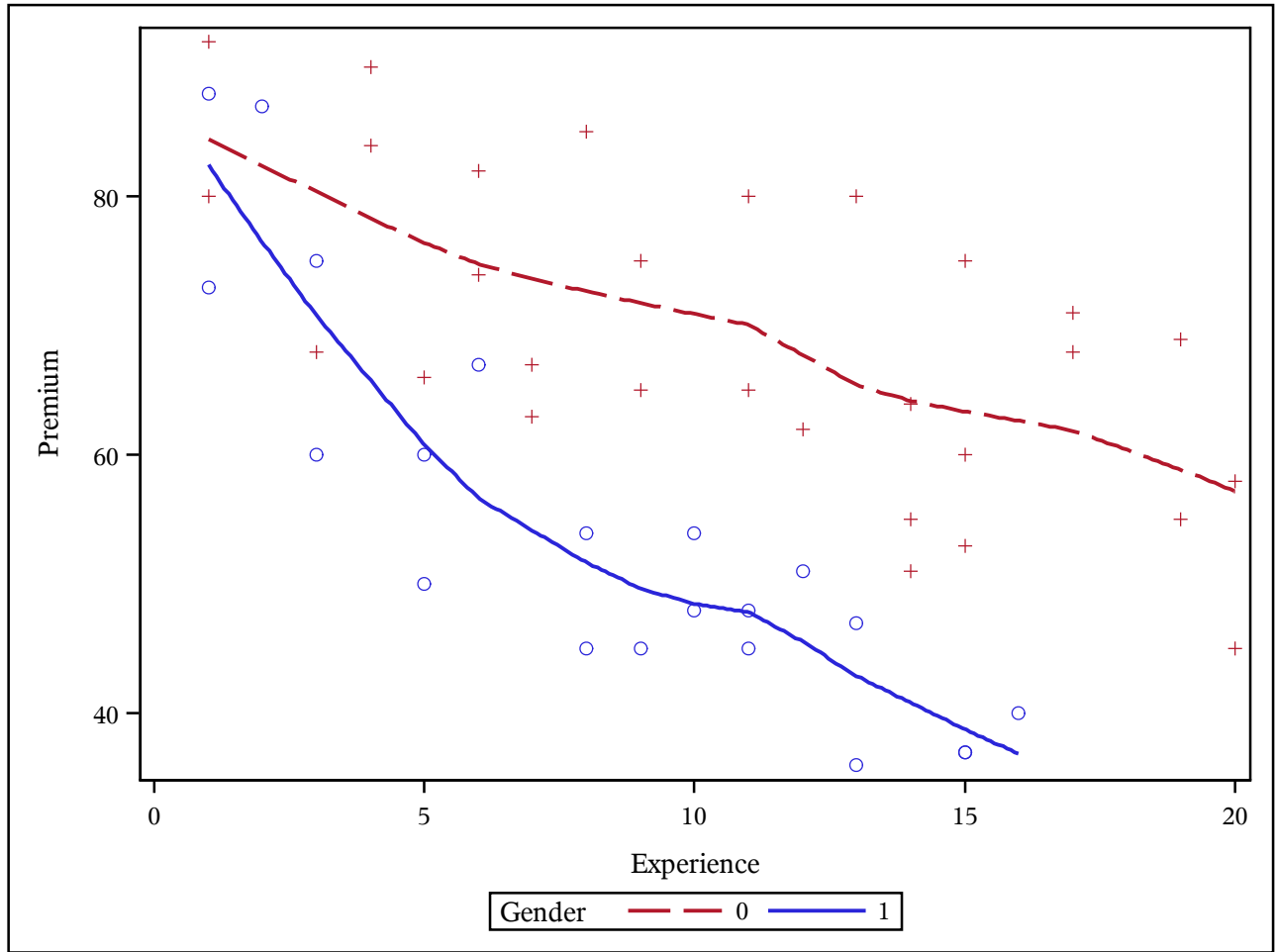


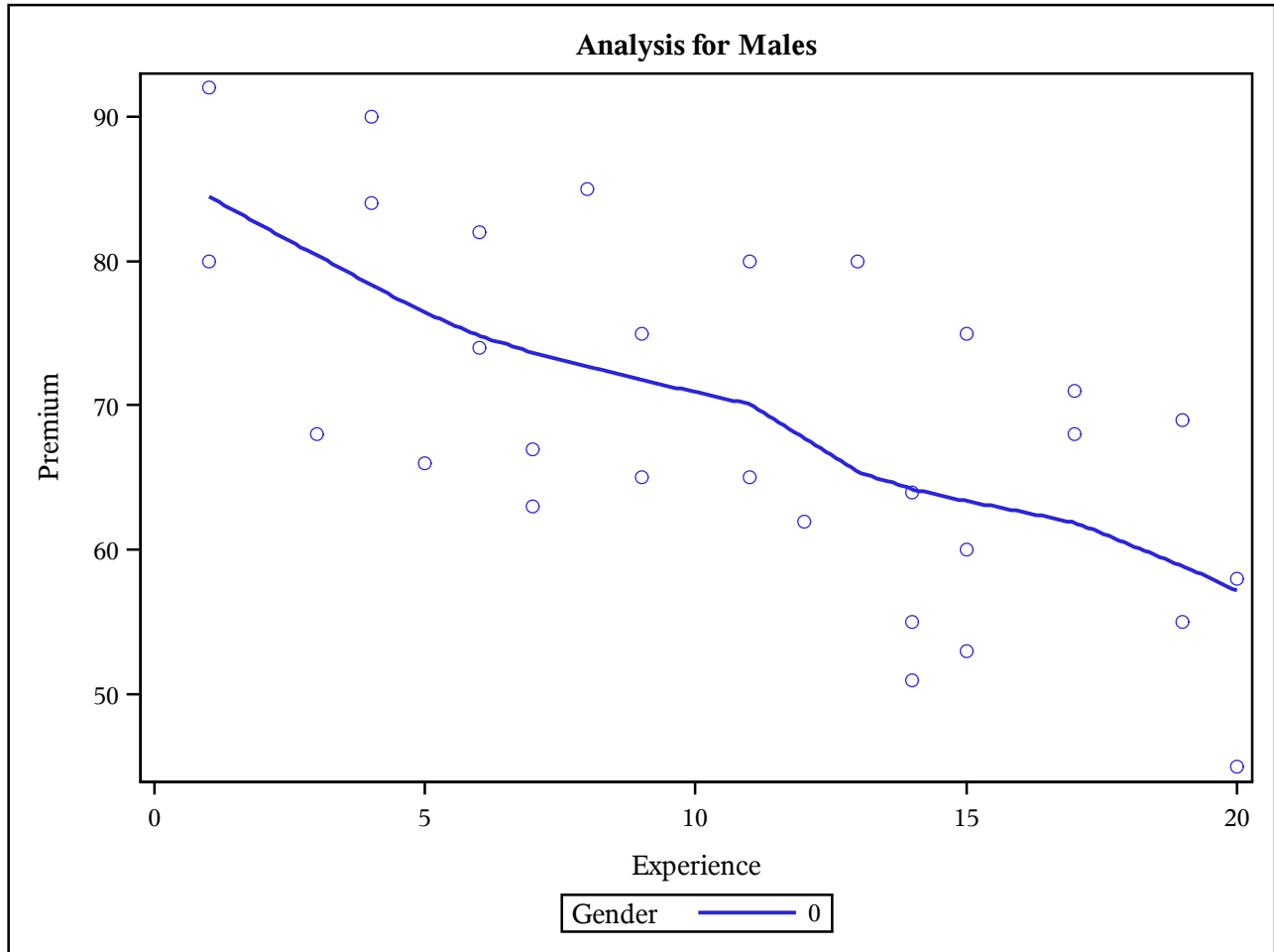
The CONTENTS Procedure

<b>Data Set Name</b>	BIO.AUTO_PREMIUMS	<b>Observations</b>	50
<b>Member Type</b>	DATA	<b>Variables</b>	3
<b>Engine</b>	V9	<b>Indexes</b>	0
<b>Created</b>	Monday, November 11, 2013 11:04:19 AM	<b>Observation Length</b>	24
<b>Last Modified</b>	Monday, November 11, 2013 11:04:19 AM	<b>Deleted Observations</b>	0
<b>Protection</b>		<b>Compressed</b>	NO
<b>Data Set Type</b>		<b>Sorted</b>	NO
<b>Label</b>			
<b>Data Representation</b>	WINDOWS_64		
<b>Encoding</b>	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
<b>Data Set Page Size</b>	4096
<b>Number of Data Set Pages</b>	1
<b>First Data Page</b>	1
<b>Max Obs per Page</b>	168
<b>Obs in First Data Page</b>	50
<b>Number of Data Set Repairs</b>	0
<b>Filename</b>	H:\_Amy Docs\UF\0000 Fall 2013\00 6050-6052\SAS Library\auto_premiums.sas7bdat
<b>Release Created</b>	9.0301M0
<b>Host Created</b>	X64_7PRO

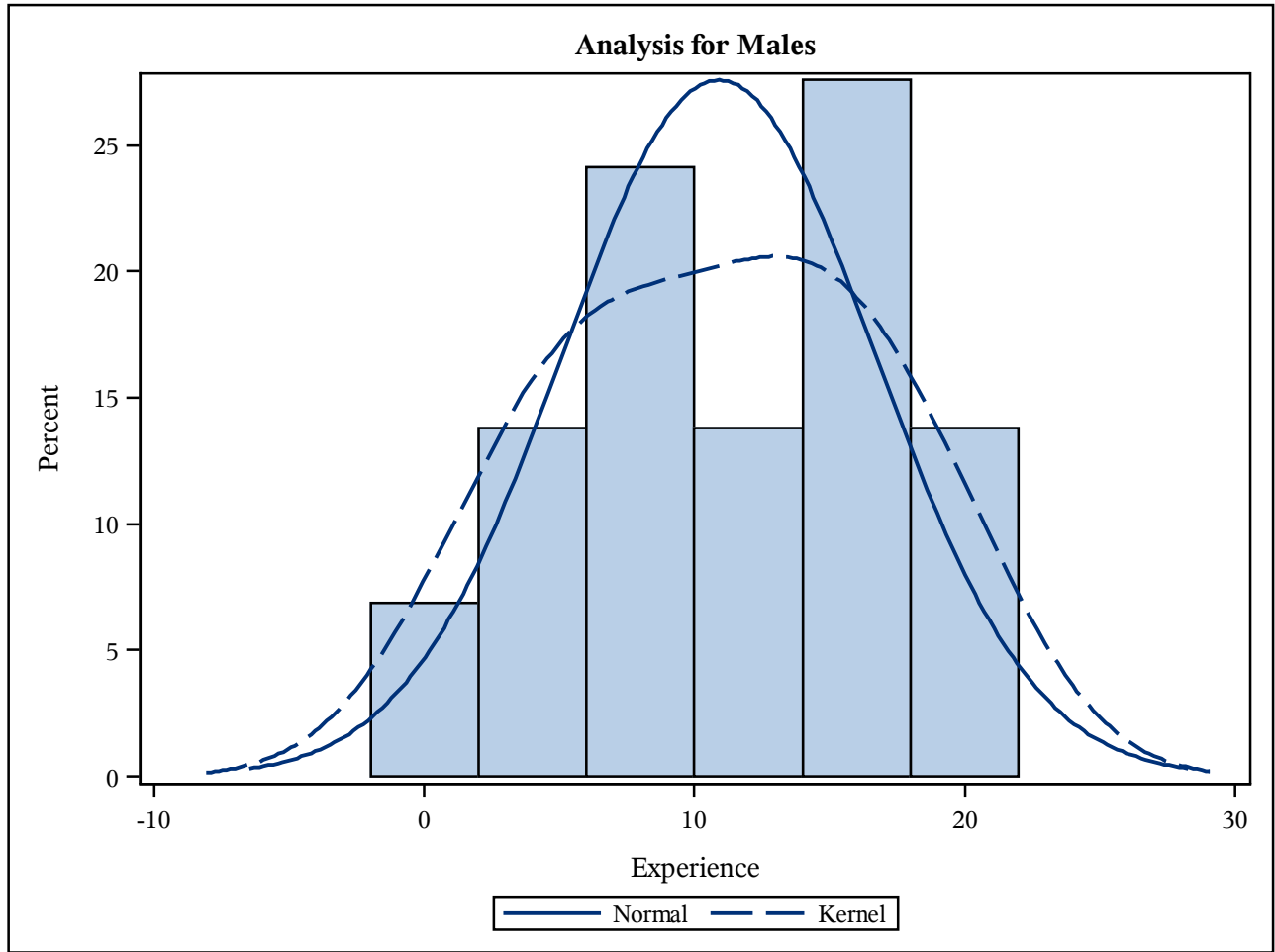
Alphabetic List of Variables and Attributes			
#	Variable	Type	Len
1	Experience	Num	8
2	Gender	Num	8
3	Premium	Num	8

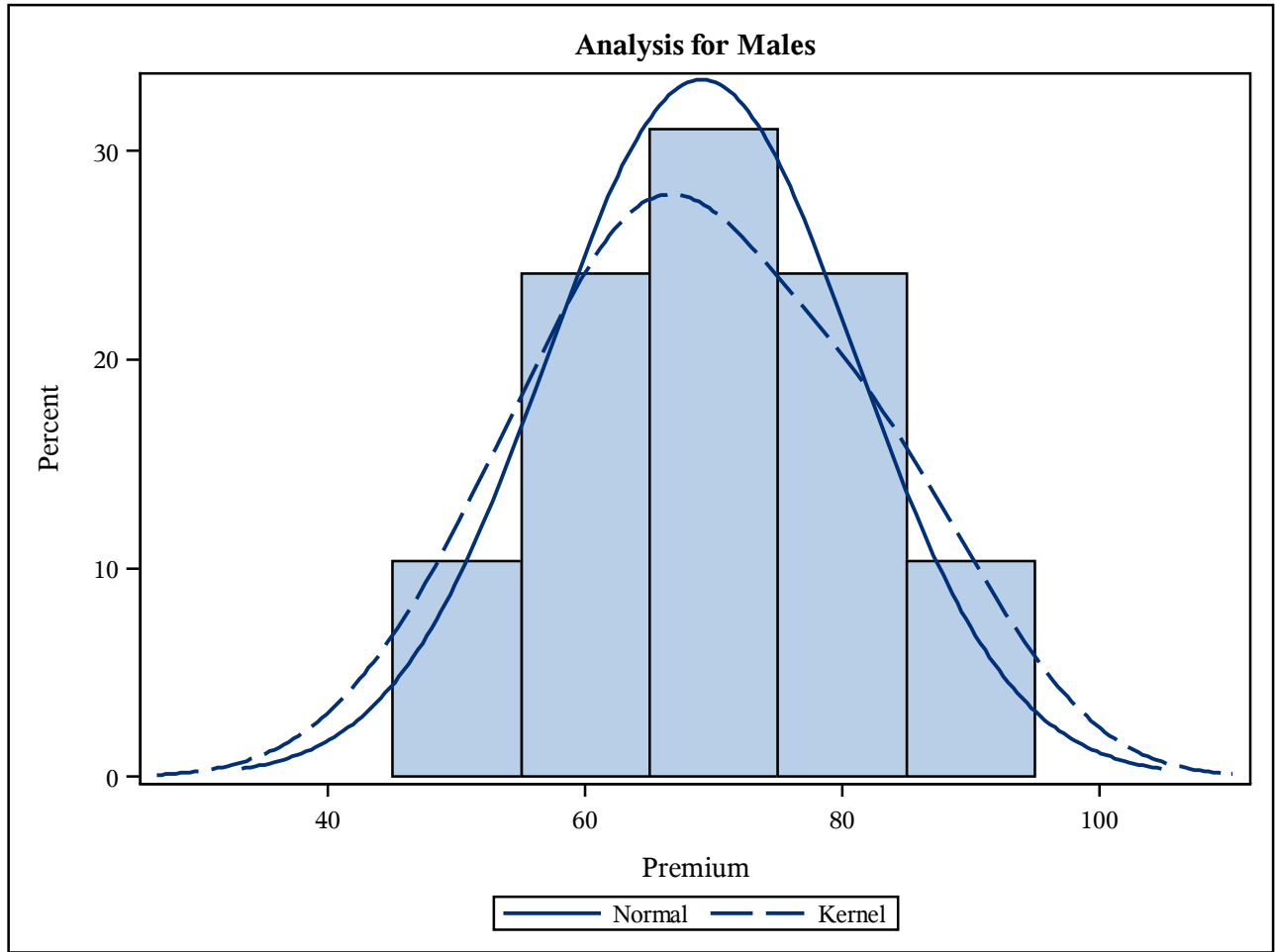


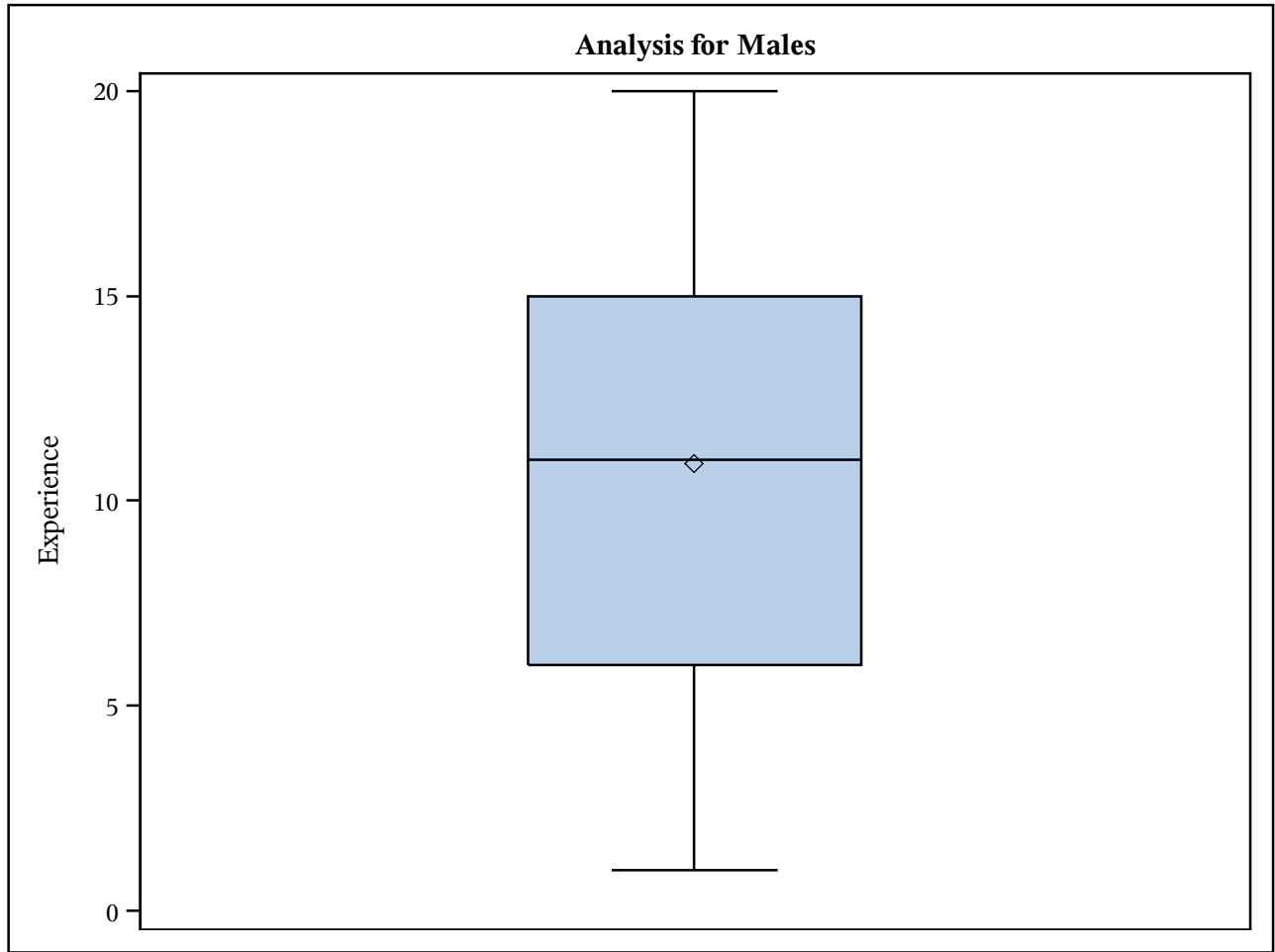


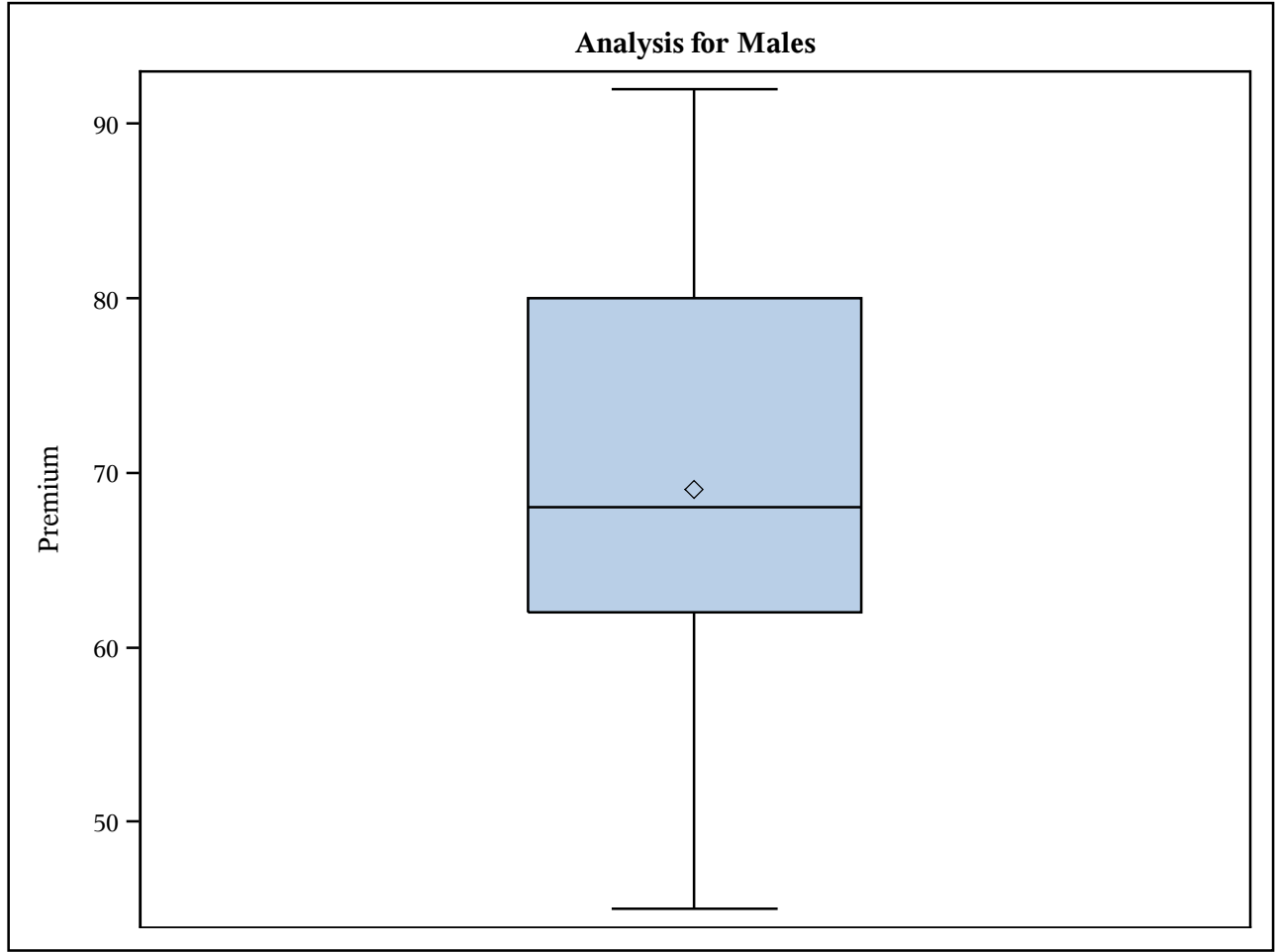
*The MEANS Procedure*

Variable	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	Mean	Std Dev	Lower 95% CL for Mean	Upper 95% CL for Mean
Experience	1.00	6.00	11.00	15.00	20.00	10.90	5.79	8.69	13.10
Premium	45.00	62.00	68.00	80.00	92.00	69.03	11.94	64.49	73.58



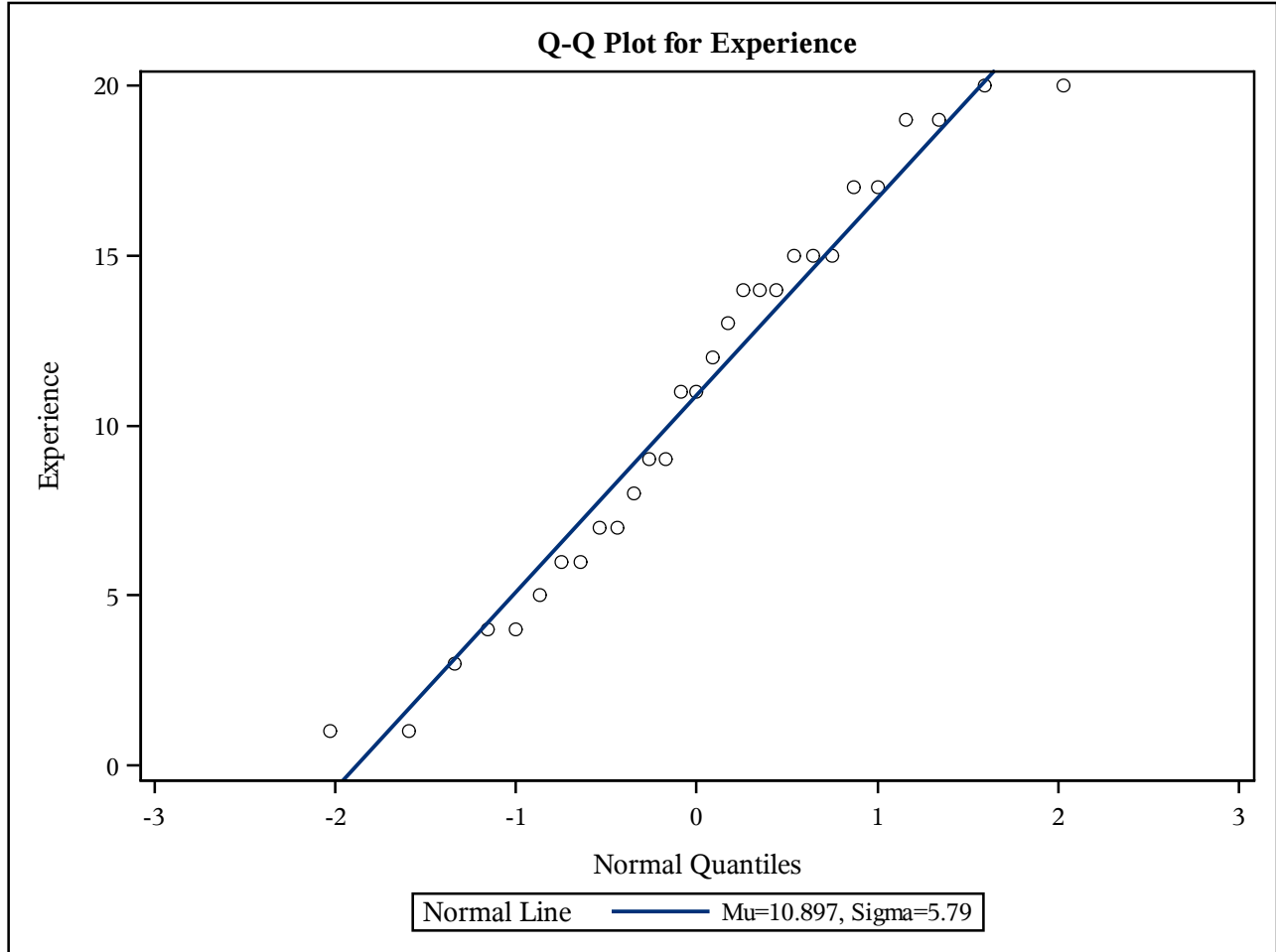




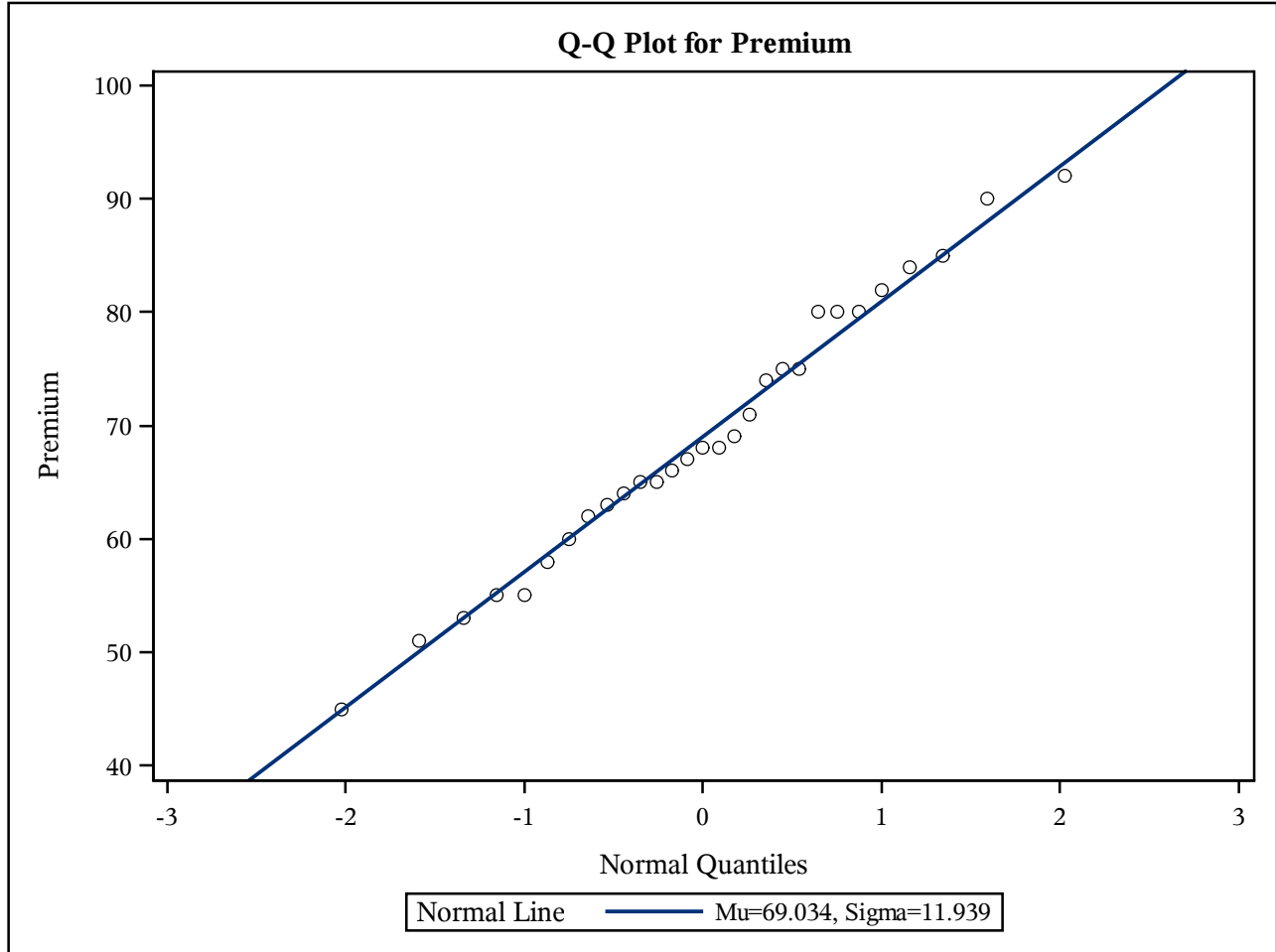




The UNIVARIATE Procedure



The UNIVARIATE Procedure



The CORR Procedure

2 Variables:	Experience Premium
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Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
Experience	29	10.89655	5.79005	11.00000	1.00000	20.00000
Premium	29	69.03448	11.93878	68.00000	45.00000	92.00000

Pearson Correlation Coefficients, N = 29 Prob >  r  under H0: Rho=0		
	Experience	Premium
Experience	1.00000	-0.65558 0.0001
Premium	-0.65558 0.0001	1.00000

Spearman Correlation Coefficients, N = 29 Prob >  r  under H0: Rho=0		
	Experience	Premium
Experience	1.00000	-0.61285 0.0004
Premium	-0.61285 0.0004	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
Experience	Premium	29	-0.65558	-0.78502	-0.01171	-0.64885	-0.820288	-0.370443	<.0001

Spearman Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
Experience	Premium	29	-0.61285	-0.71347	-0.01094	-0.60597	-0.795746	-0.307829	0.0003

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**

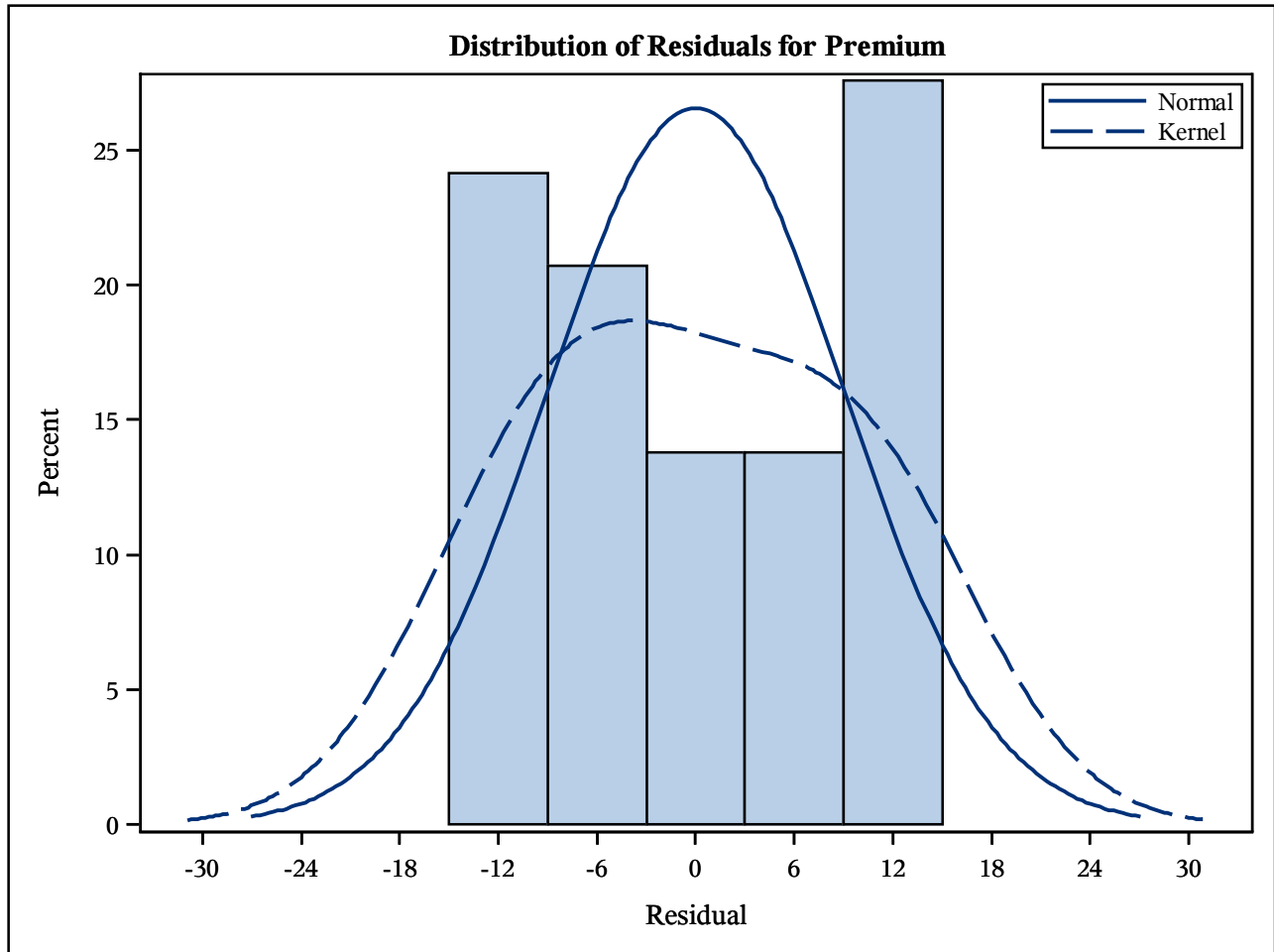
Number of Observations Read	29
Number of Observations Used	29

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1715.26175	1715.26175	20.35	0.0001
Error	27	2275.70377	84.28532		
Corrected Total	28	3990.96552			

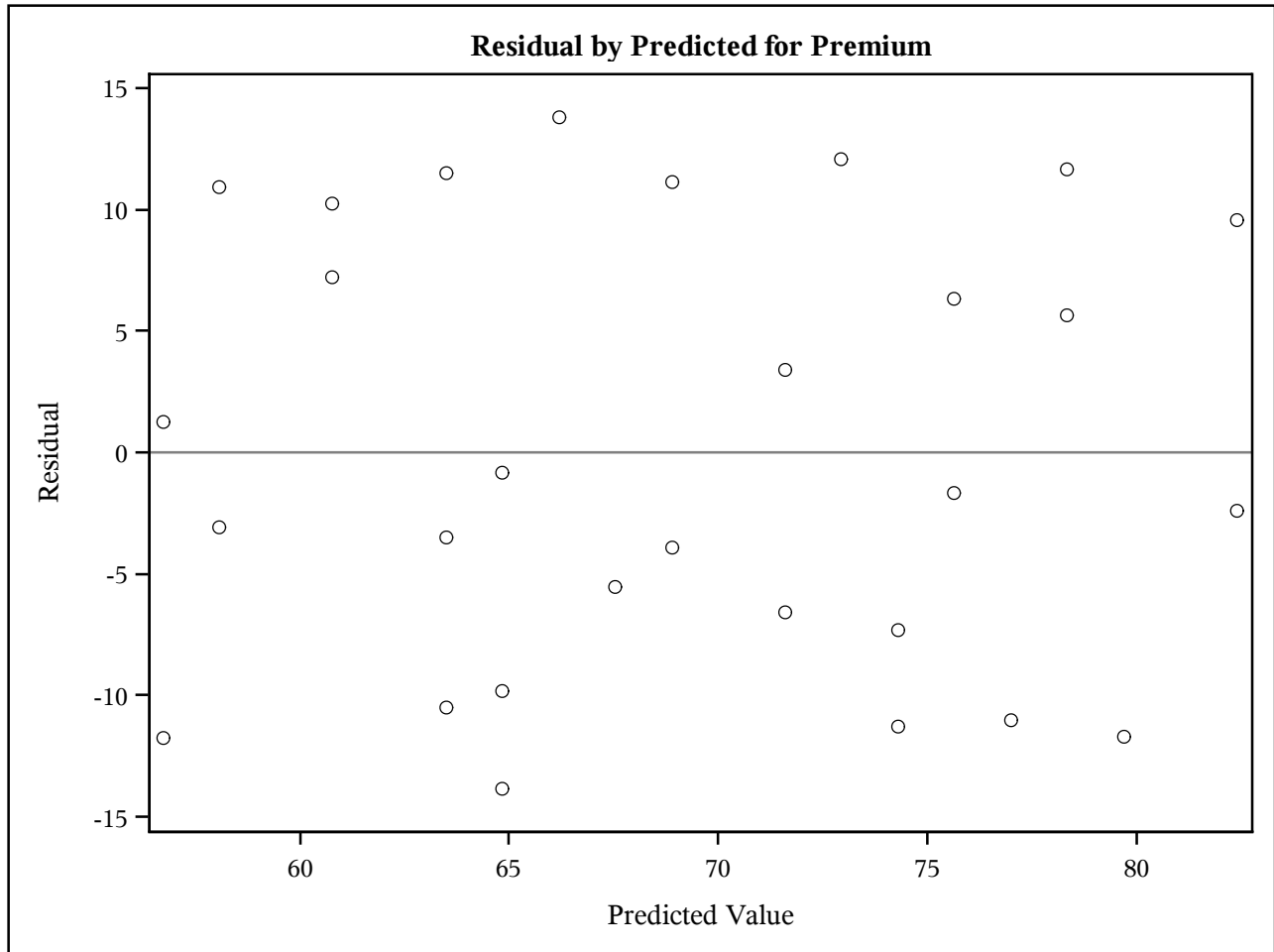
Root MSE	9.18070	R-Square	0.4298
Dependent Mean	69.03448	Adj R-Sq	0.4087
Coeff Var	13.29872		

Parameter Estimates							
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t	95% Confidence Limits	
Intercept	1	83.76416	3.68343	22.74	<.0001	76.20639	91.32193
Experience	1	-1.35177	0.29965	-4.51	0.0001	-1.96661	-0.73694

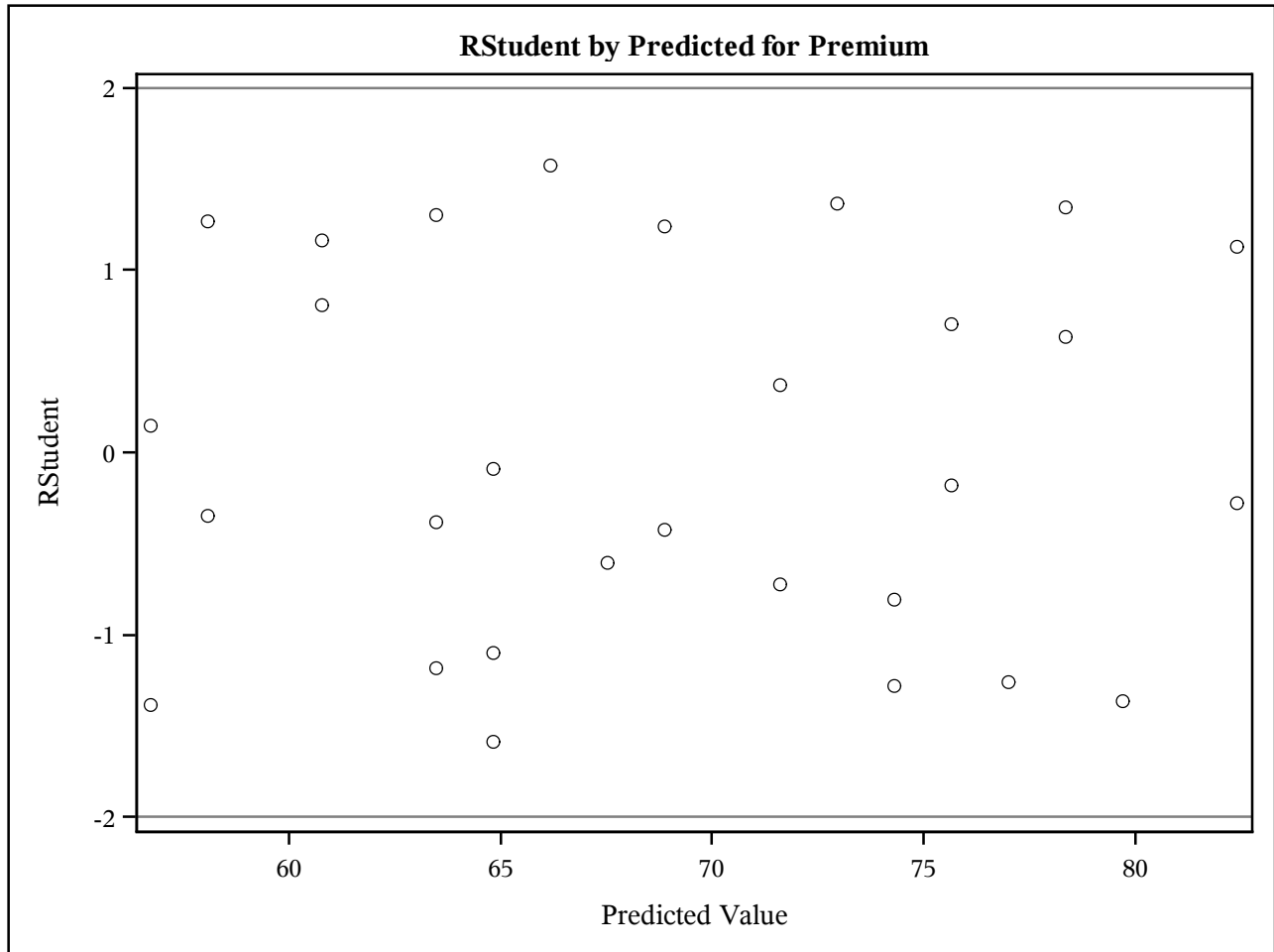
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**



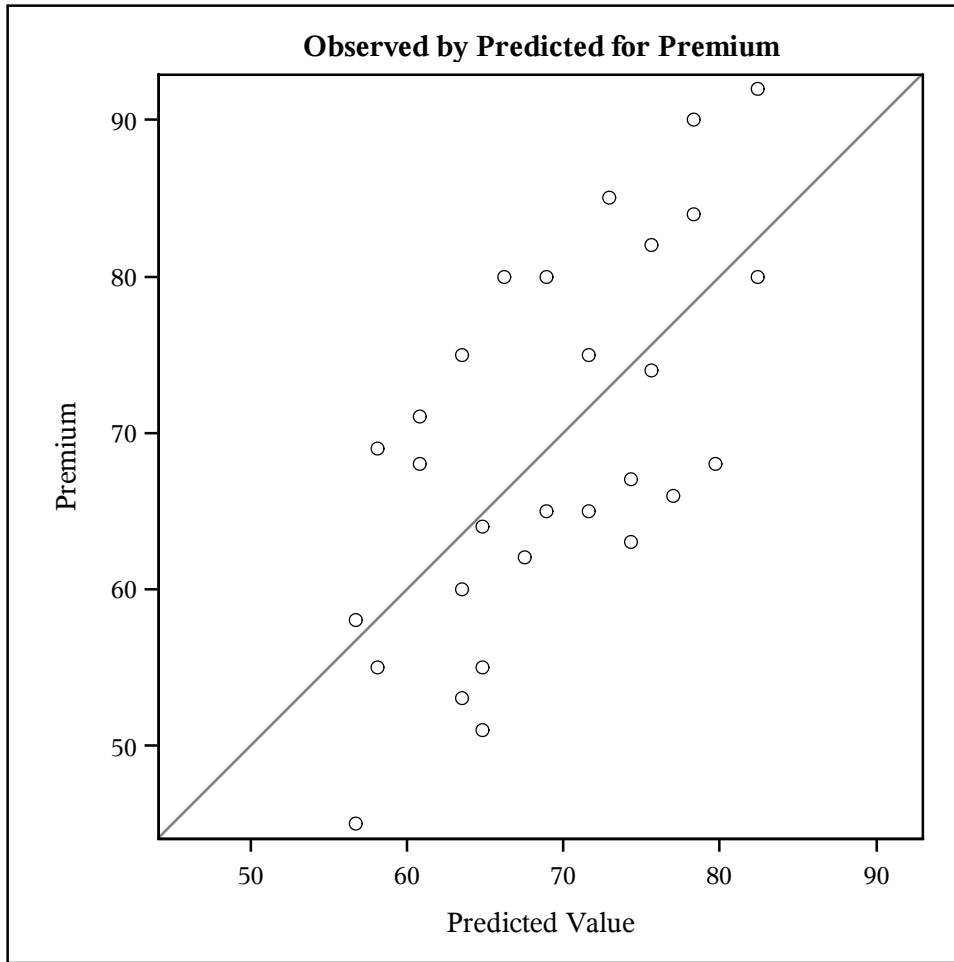
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**

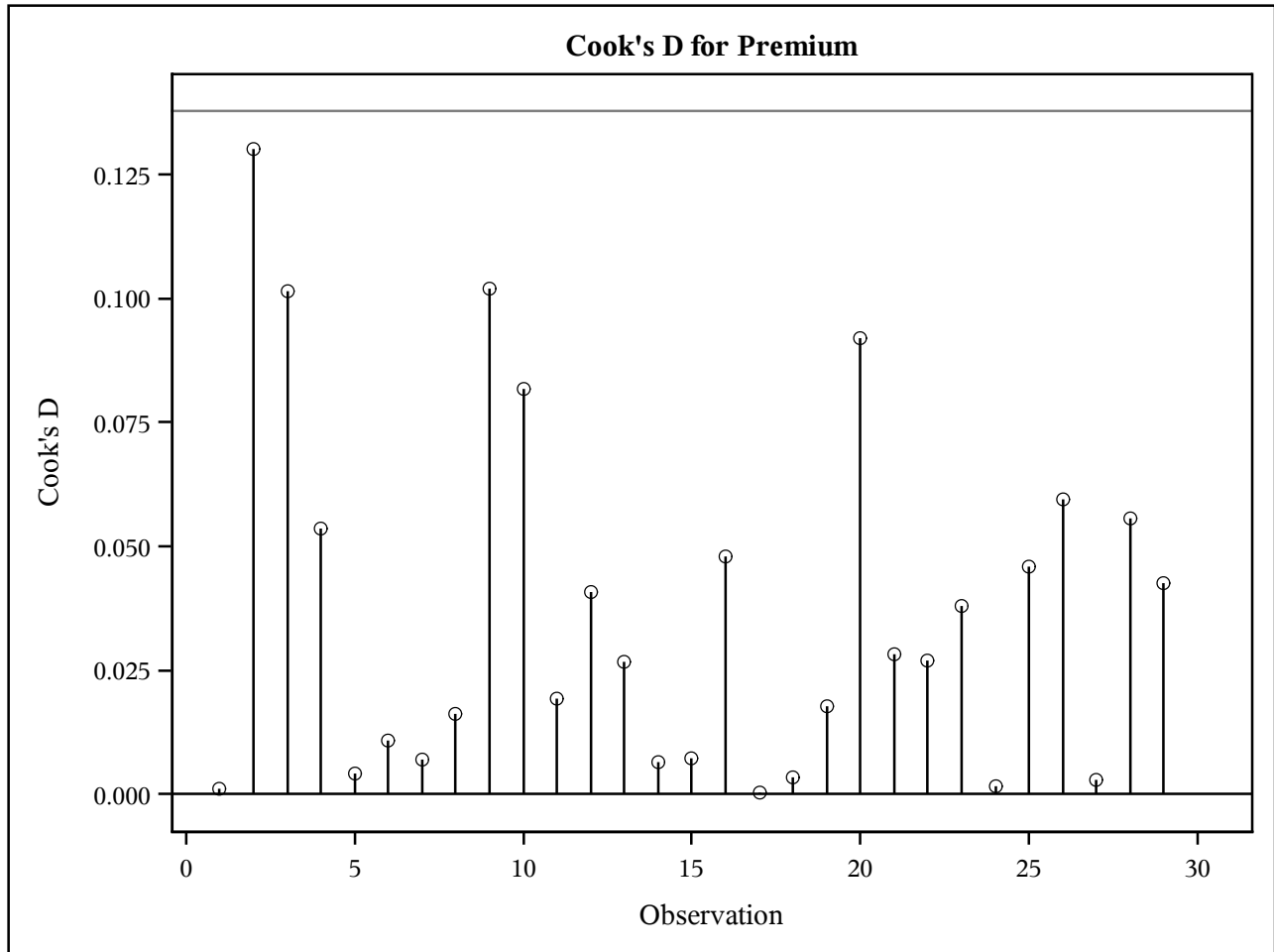


***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***

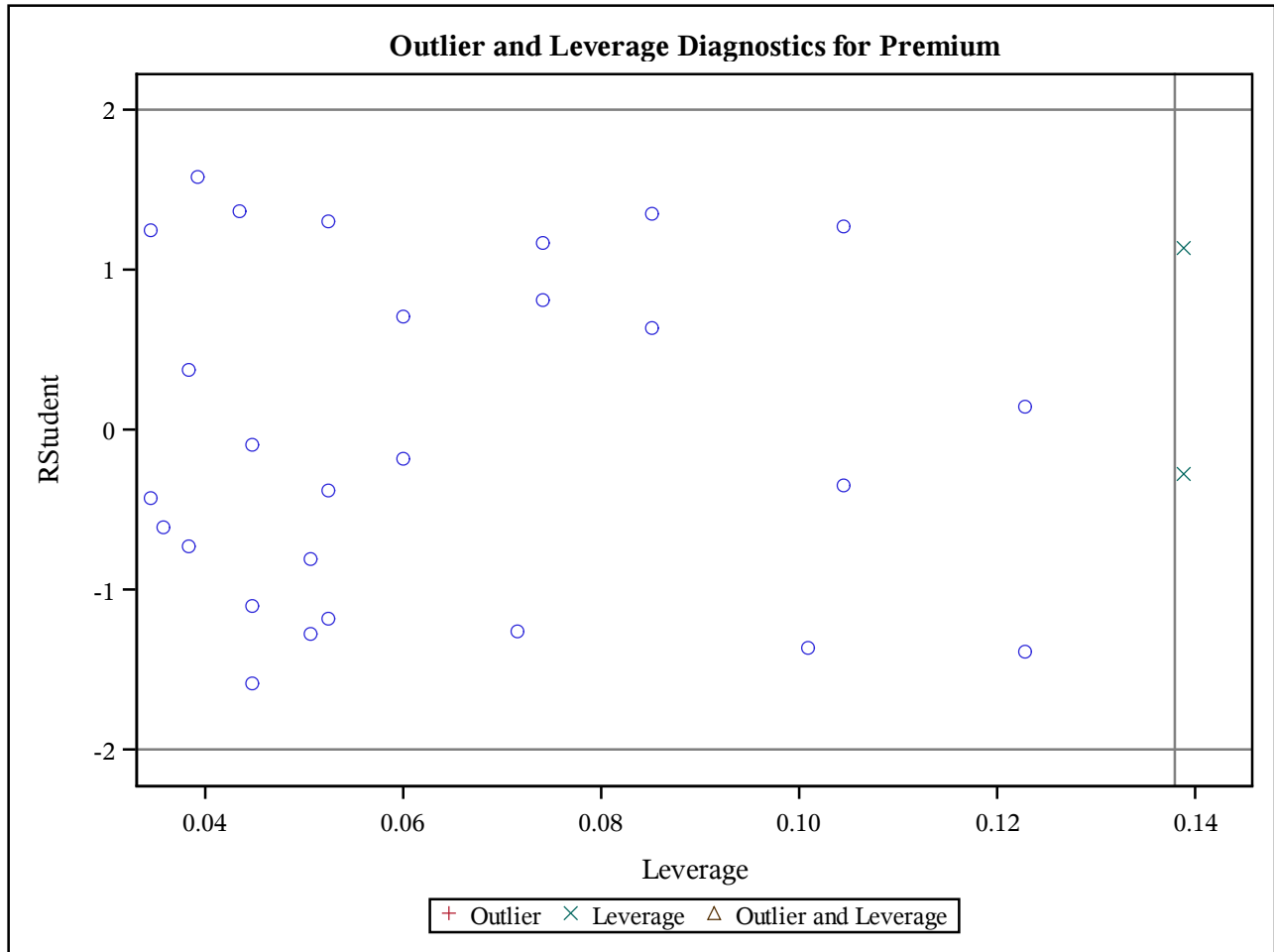




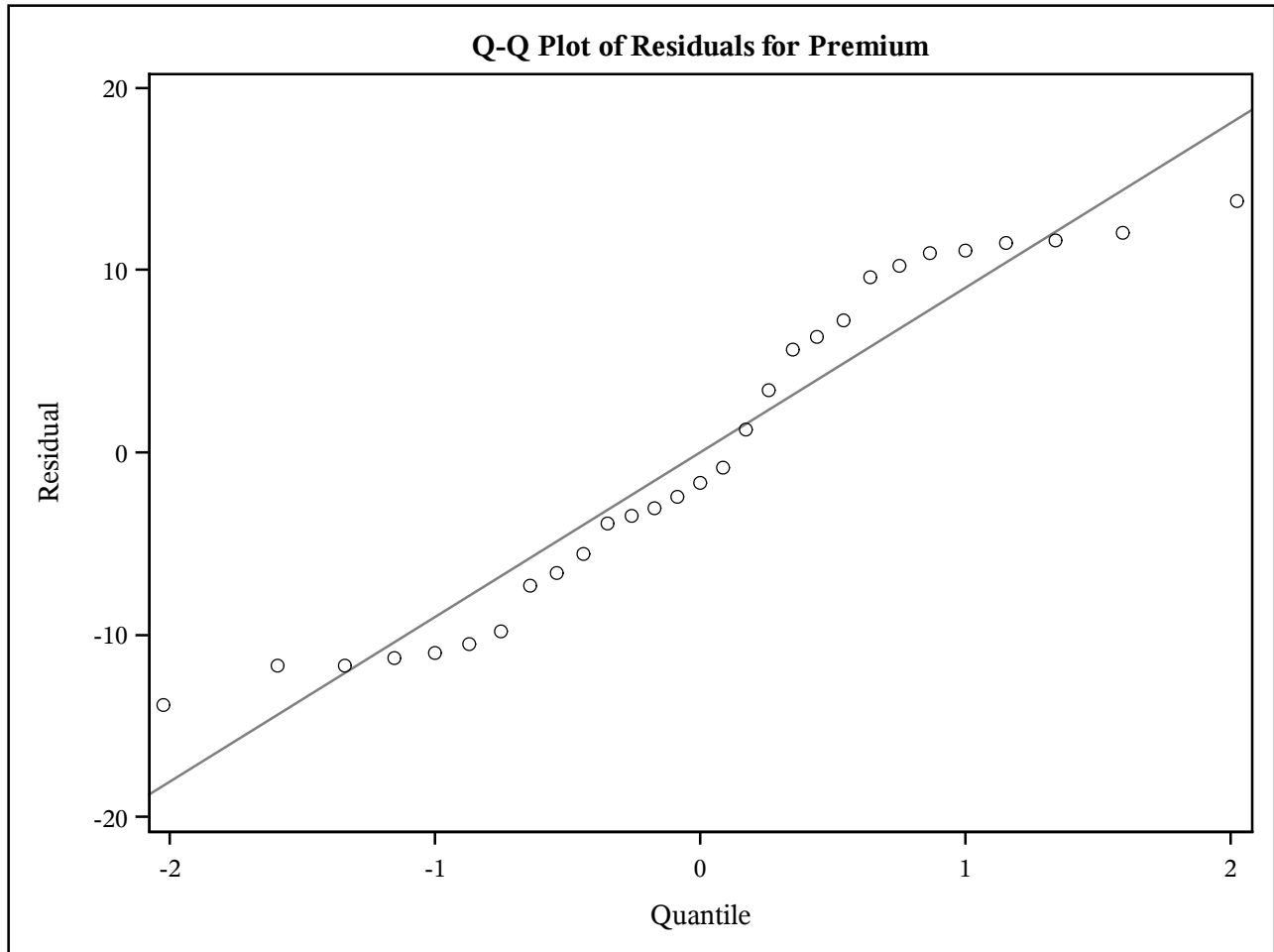
***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***



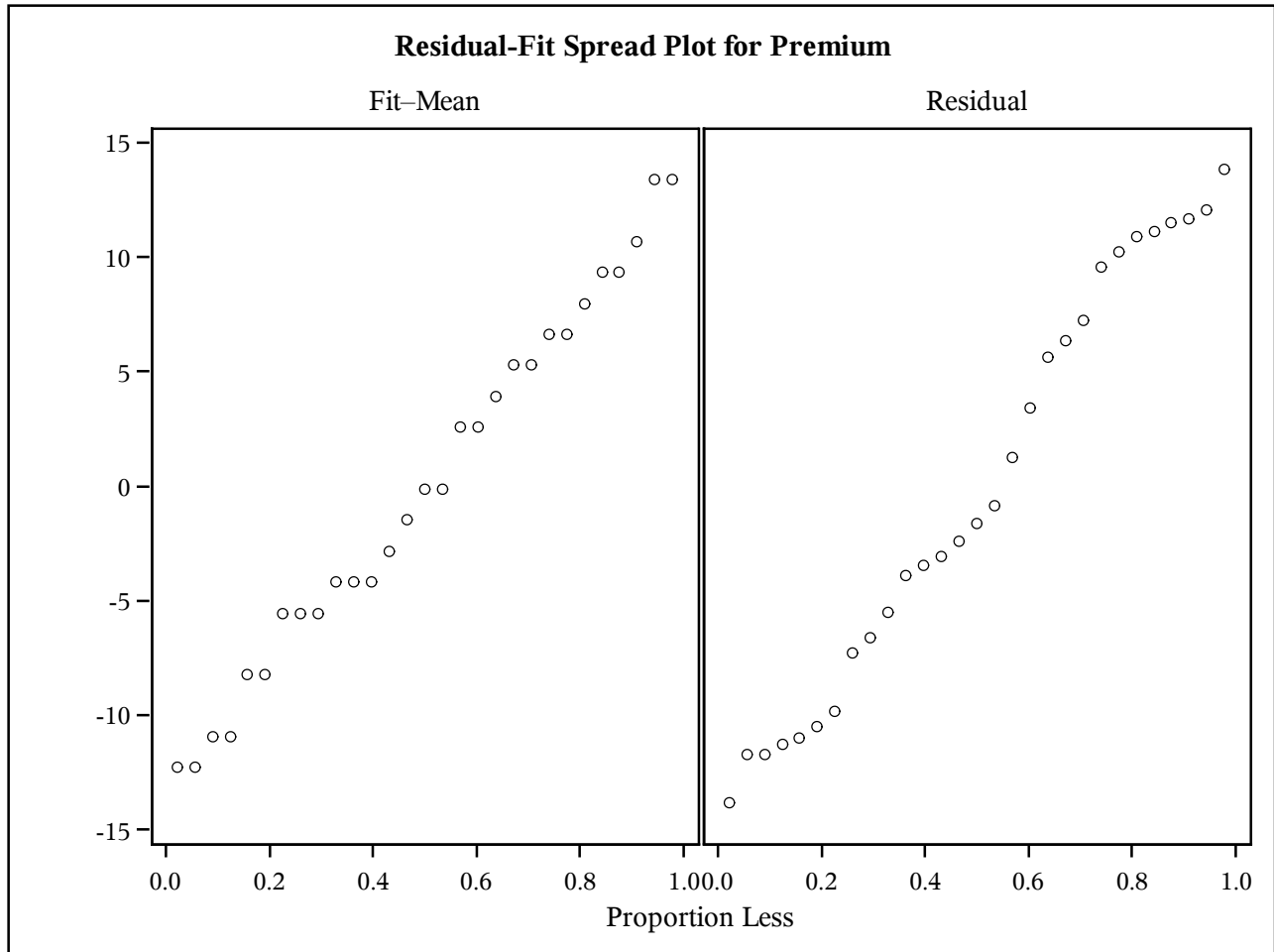
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**



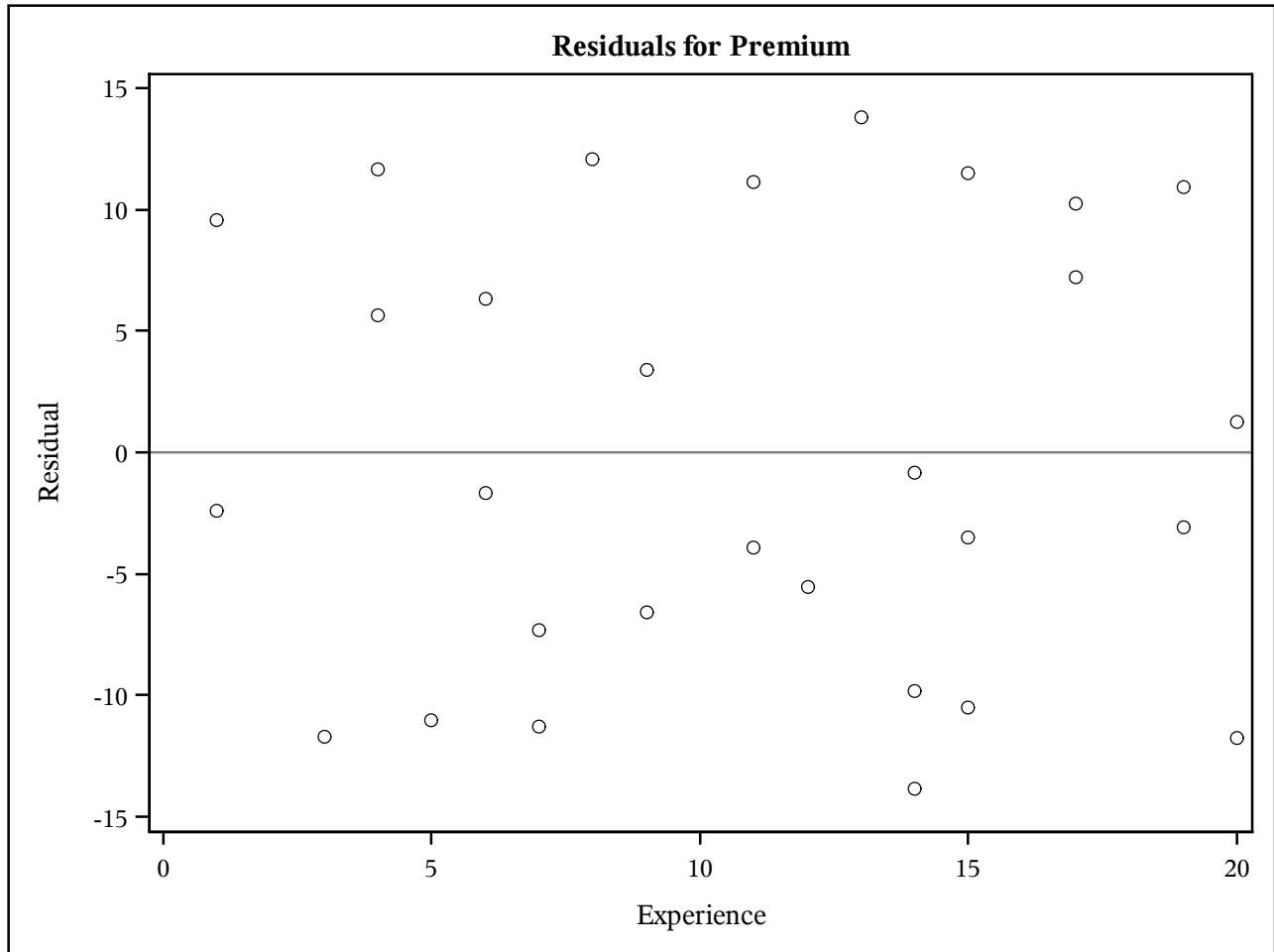
*The REG Procedure*  
*Model: MODEL1*  
*Dependent Variable: Premium*



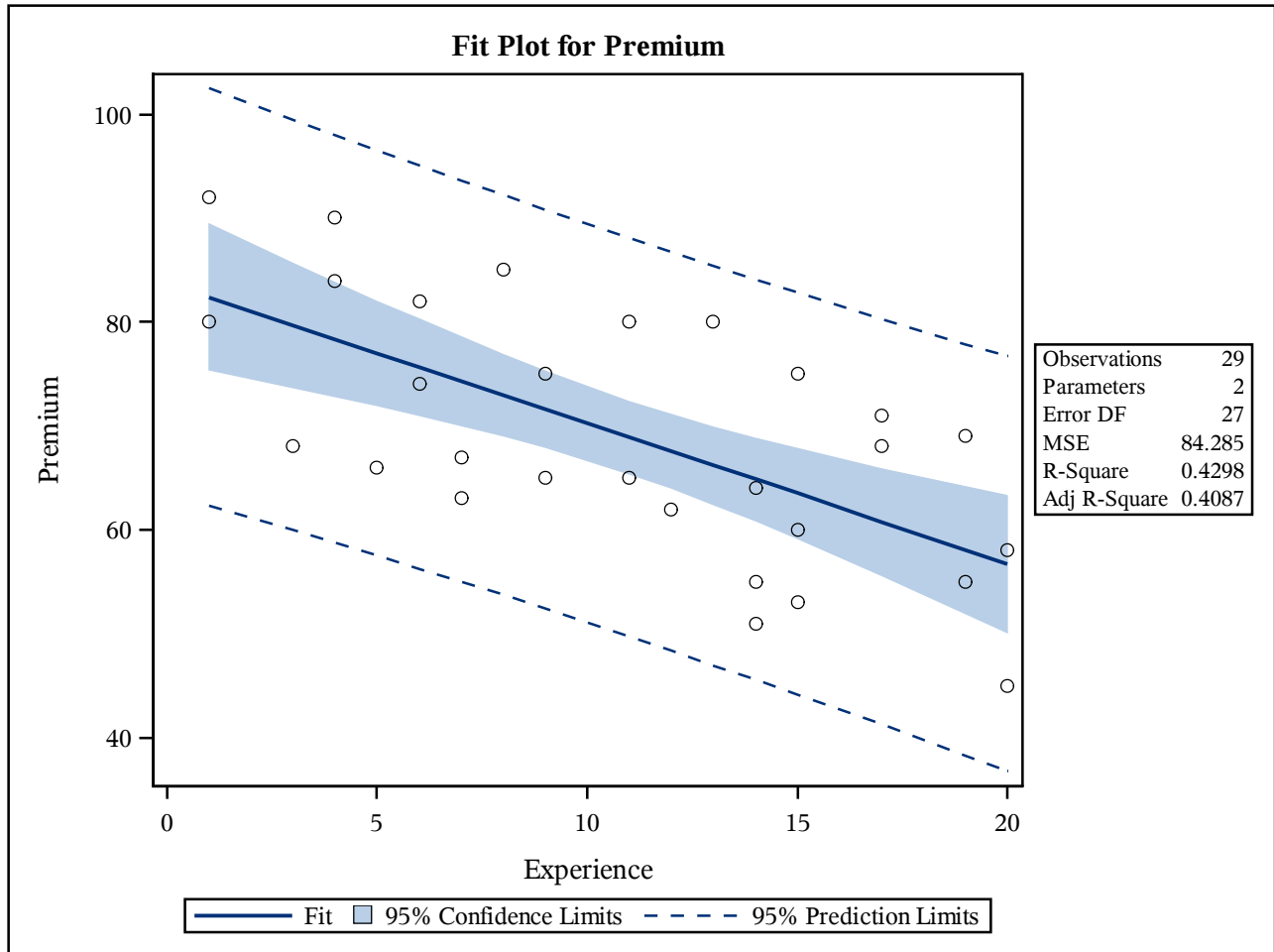
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**

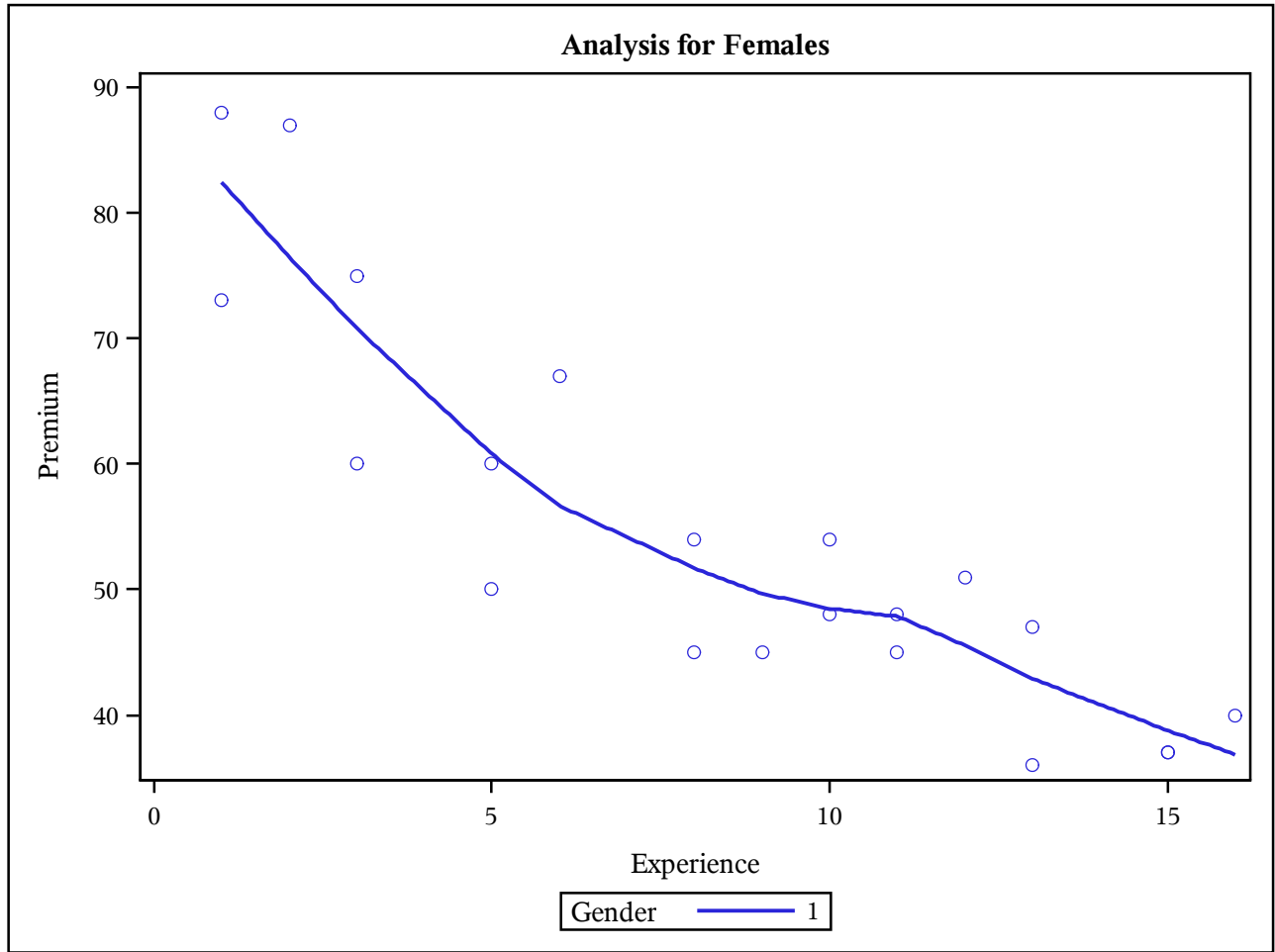


***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**

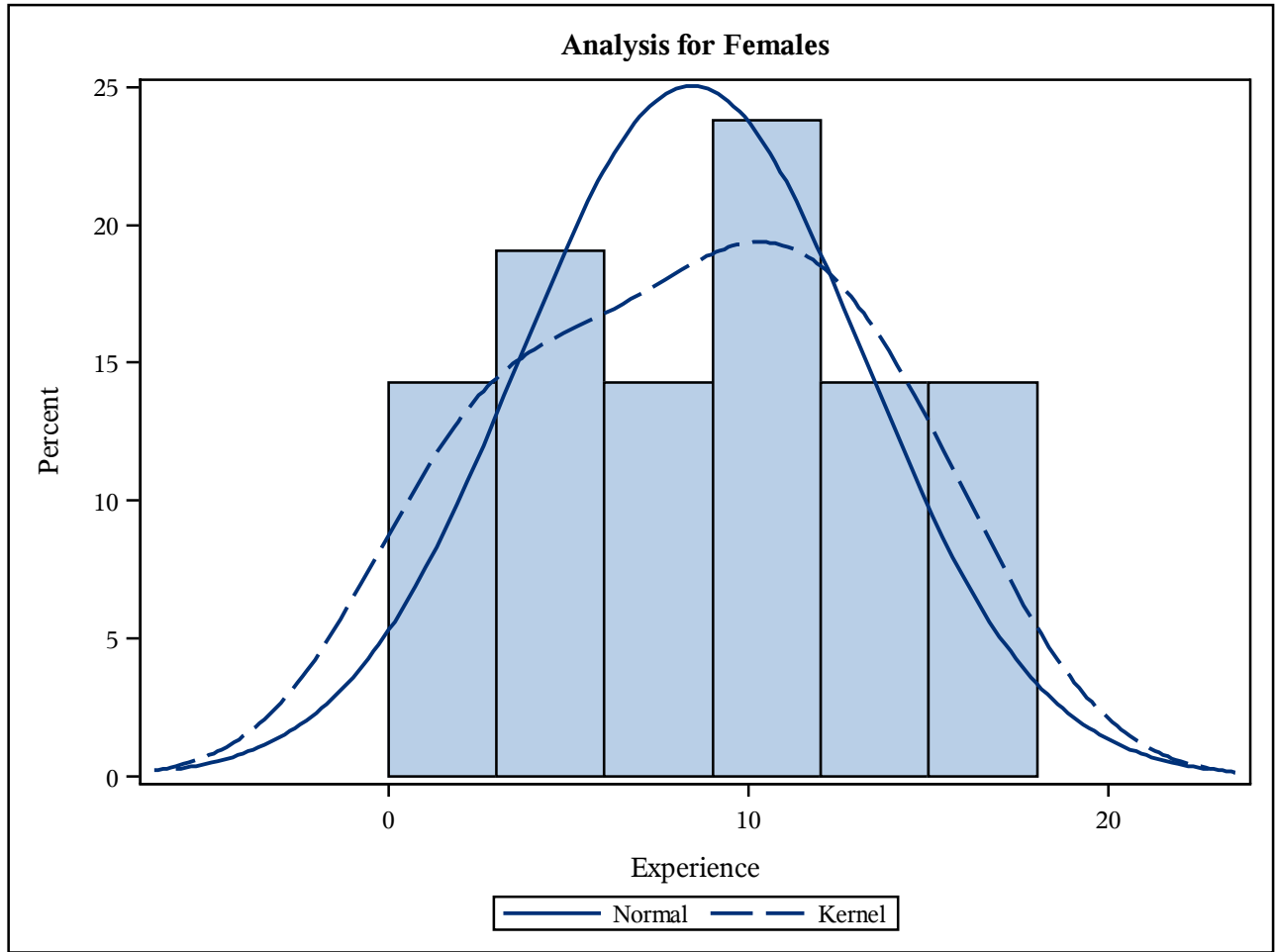


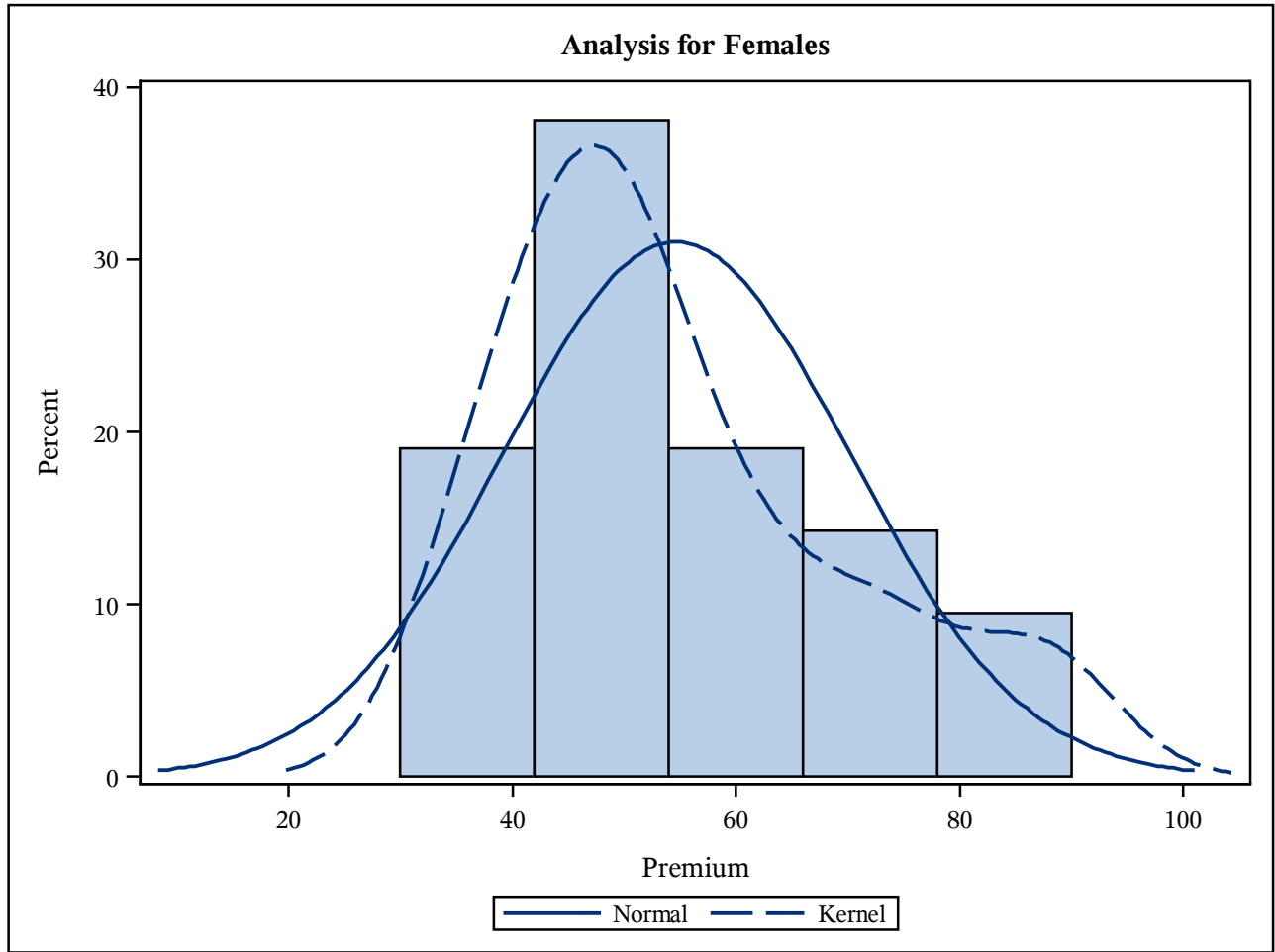


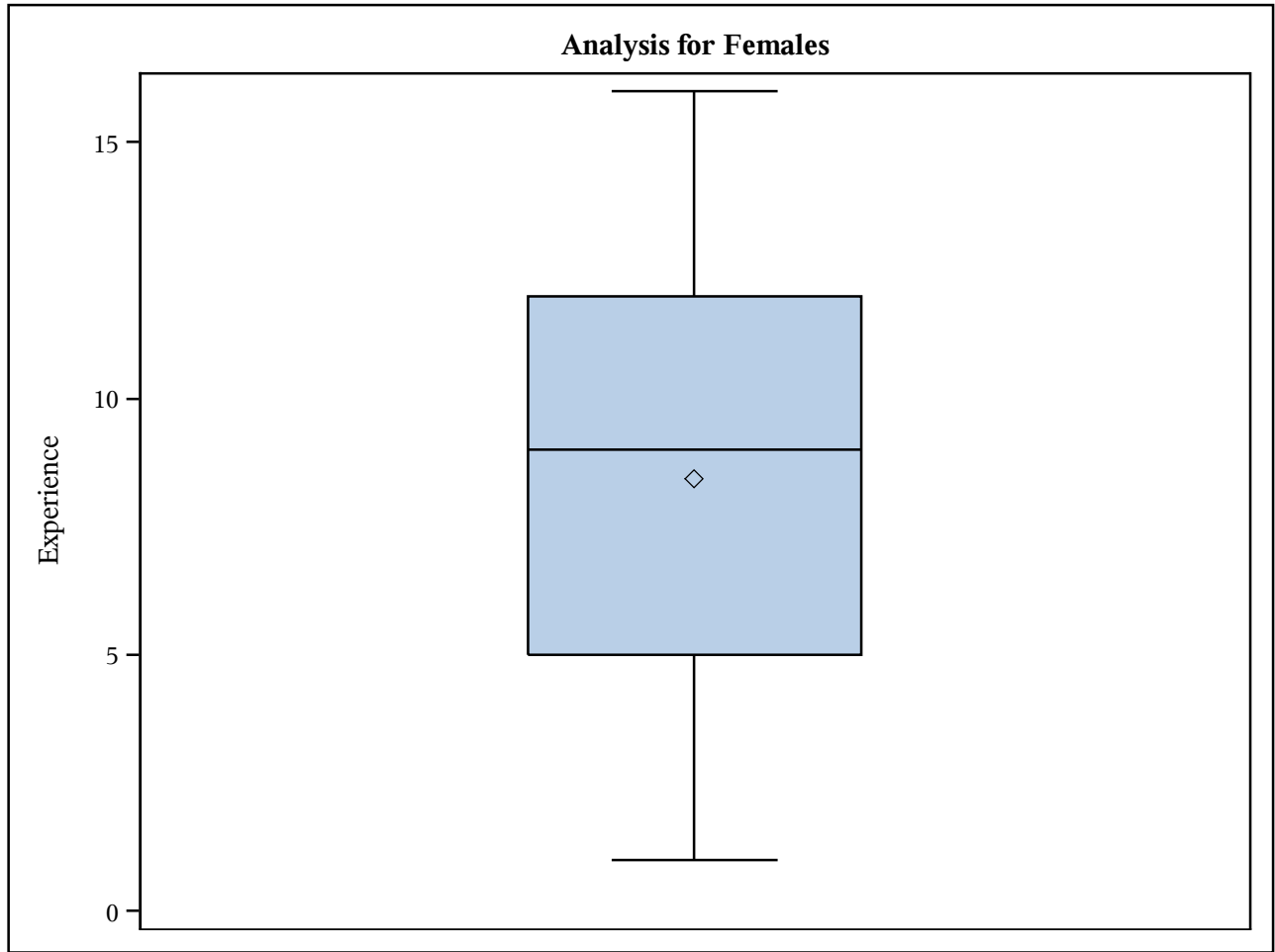
*The MEANS Procedure*

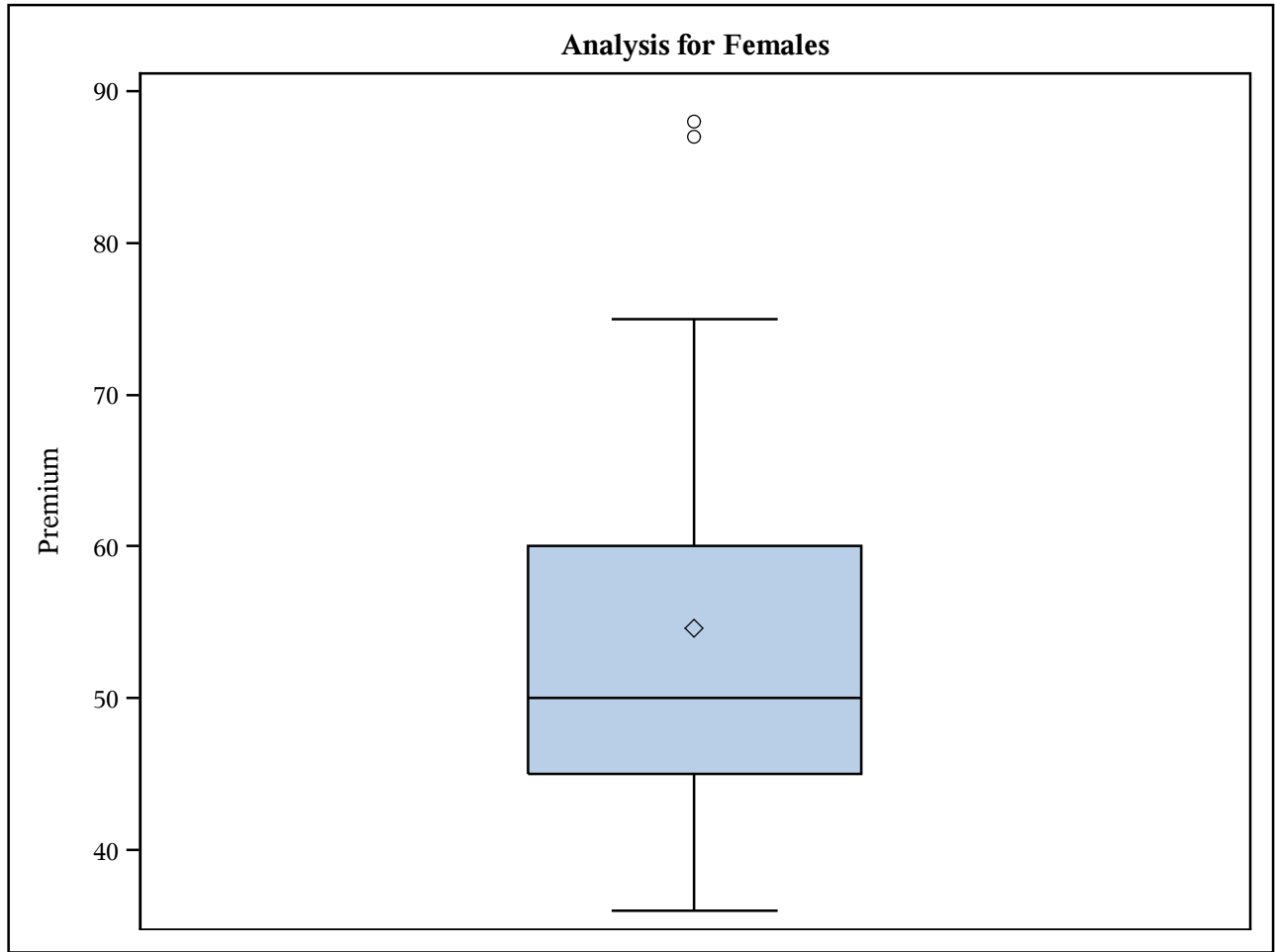
Variable	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	Mean	Std Dev	Lower 95% CL for Mean	Upper 95% CL for Mean
Experience	1.00	5.00	9.00	12.00	16.00	8.43	4.78	6.25	10.60
Premium	36.00	45.00	50.00	60.00	88.00	54.62	15.44	47.59	61.65



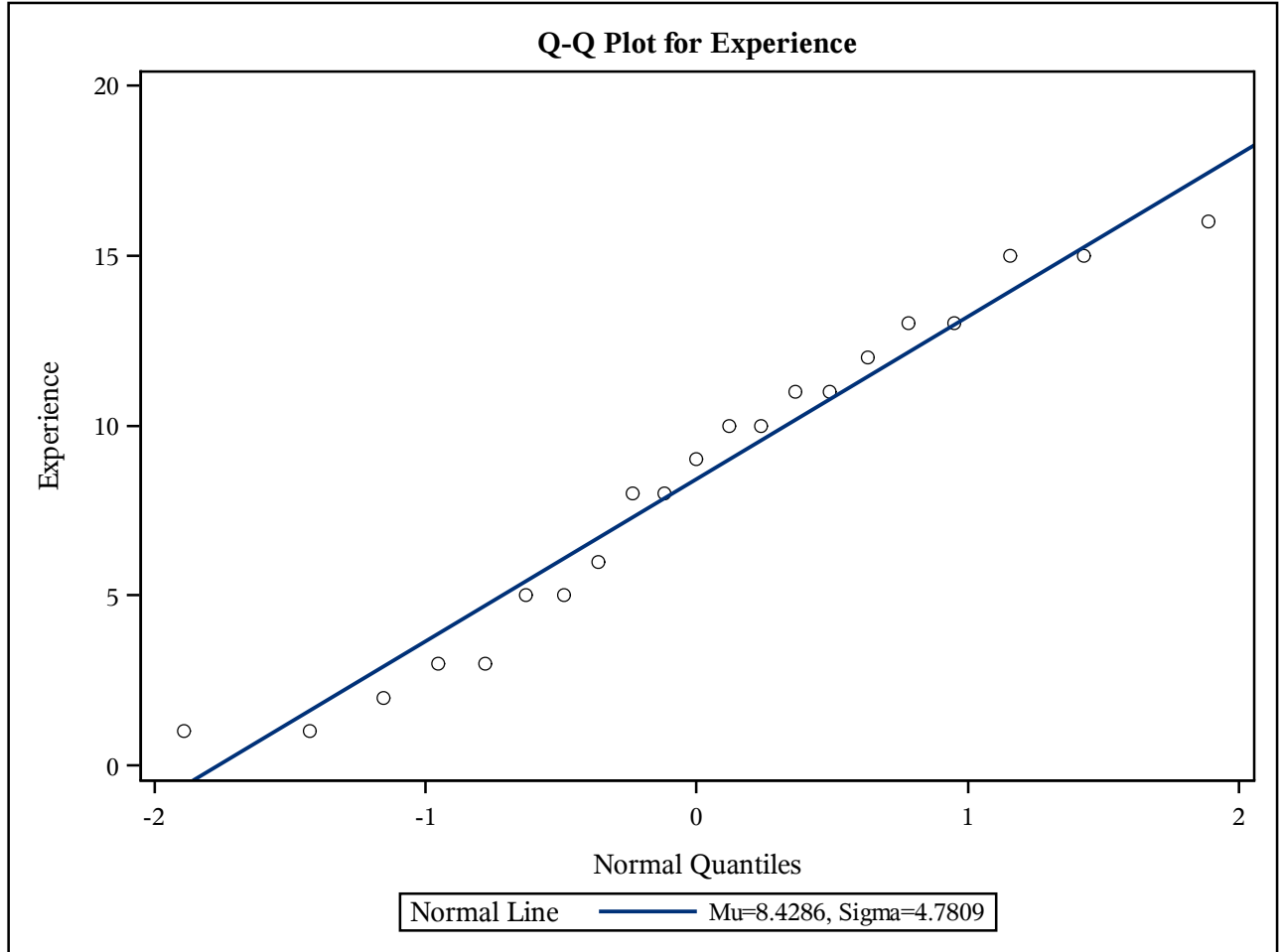




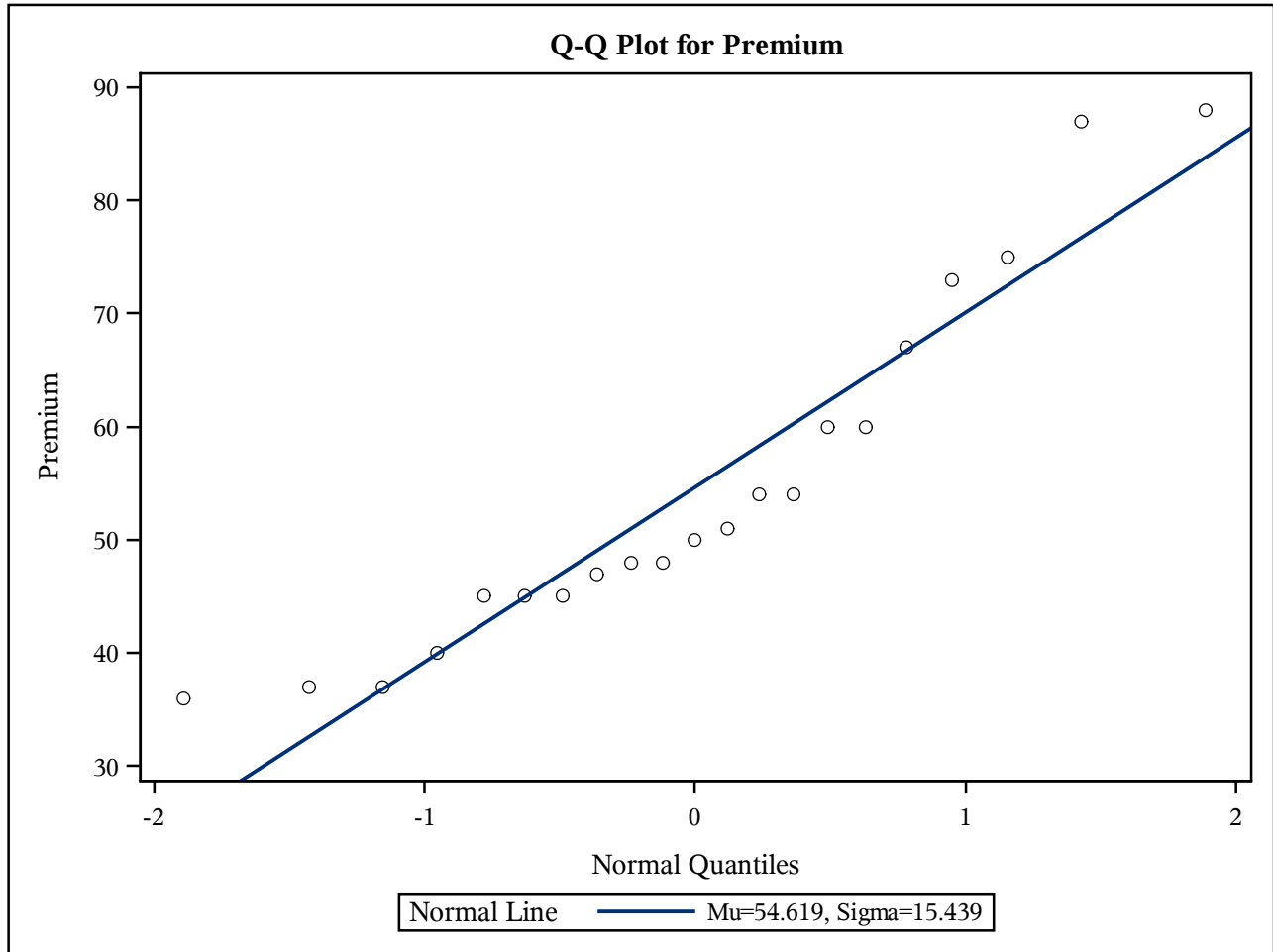




The UNIVARIATE Procedure



The UNIVARIATE Procedure



The CORR Procedure

2 Variables:	Experience Premium
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Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
Experience	21	8.42857	4.78091	9.00000	1.00000	16.00000
Premium	21	54.61905	15.43851	50.00000	36.00000	88.00000

Pearson Correlation Coefficients, N = 21 Prob >  r  under H0: Rho=0		
	Experience	Premium
Experience	1.00000	-0.87696 <.0001
Premium	-0.87696 <.0001	1.00000

Spearman Correlation Coefficients, N = 21 Prob >  r  under H0: Rho=0		
	Experience	Premium
Experience	1.00000	-0.86749 <.0001
Premium	-0.86749 <.0001	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
Experience	Premium	21	-0.87696	-1.36245	-0.02192	-0.87180	-0.947064	-0.705695	<.0001

Spearman Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
Experience	Premium	21	-0.86749	-1.32286	-0.02169	-0.86202	-0.942853	-0.685388	<.0001

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**

Number of Observations Read	21
Number of Observations Used	21

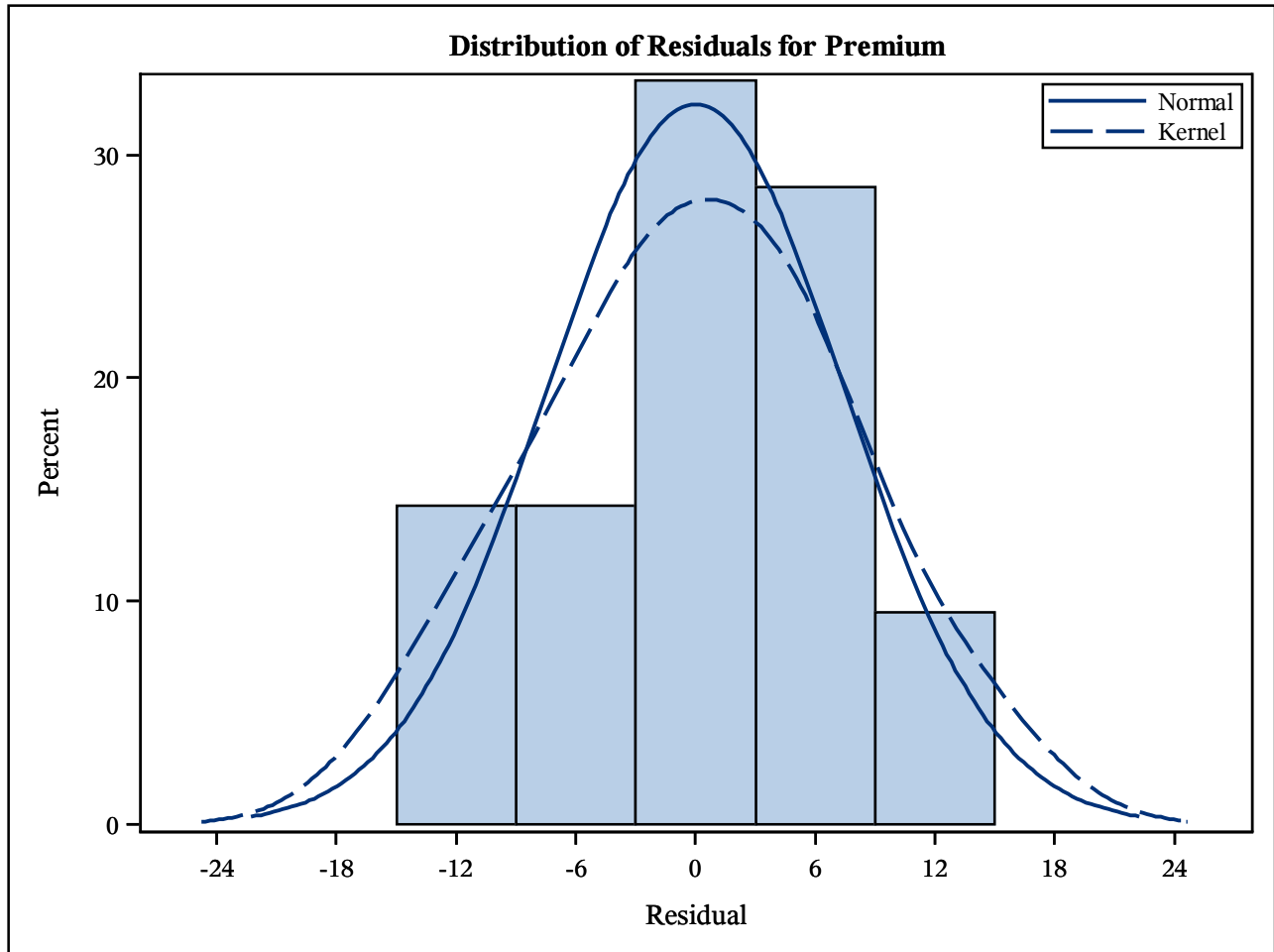
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	3666.06446	3666.06446	63.27	<.0001
Error	19	1100.88792	57.94147		
Corrected Total	20	4766.95238			

Root MSE	7.61193	R-Square	0.7691
Dependent Mean	54.61905	Adj R-Sq	0.7569
Coeff Var	13.93640		

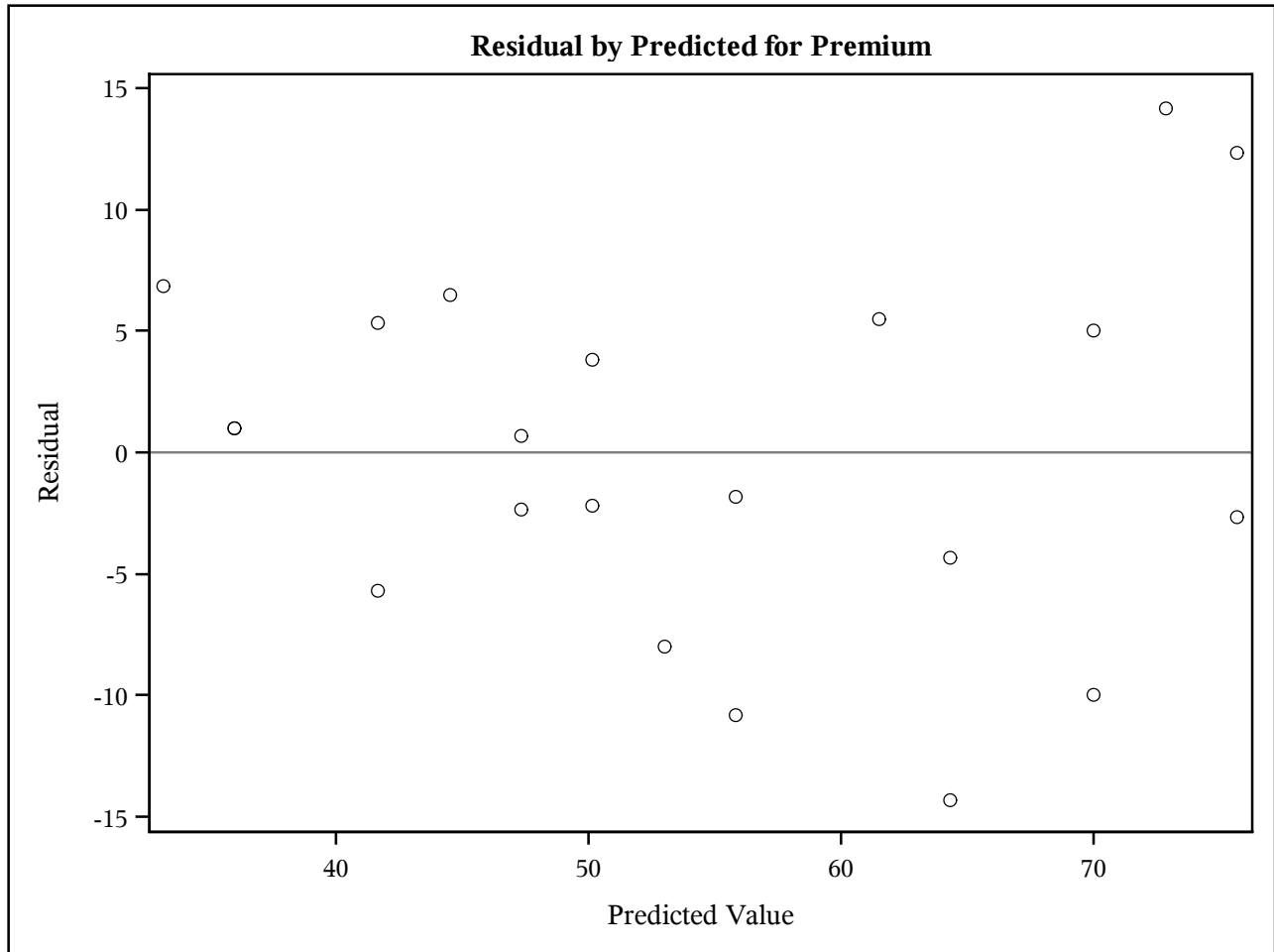
Parameter Estimates							
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t	95% Confidence Limits	
Intercept	1	78.48771	3.42977	22.88	<.0001	71.30912	85.66630
Experience	1	-2.83187	0.35602	-7.95	<.0001	-3.57702	-2.08673



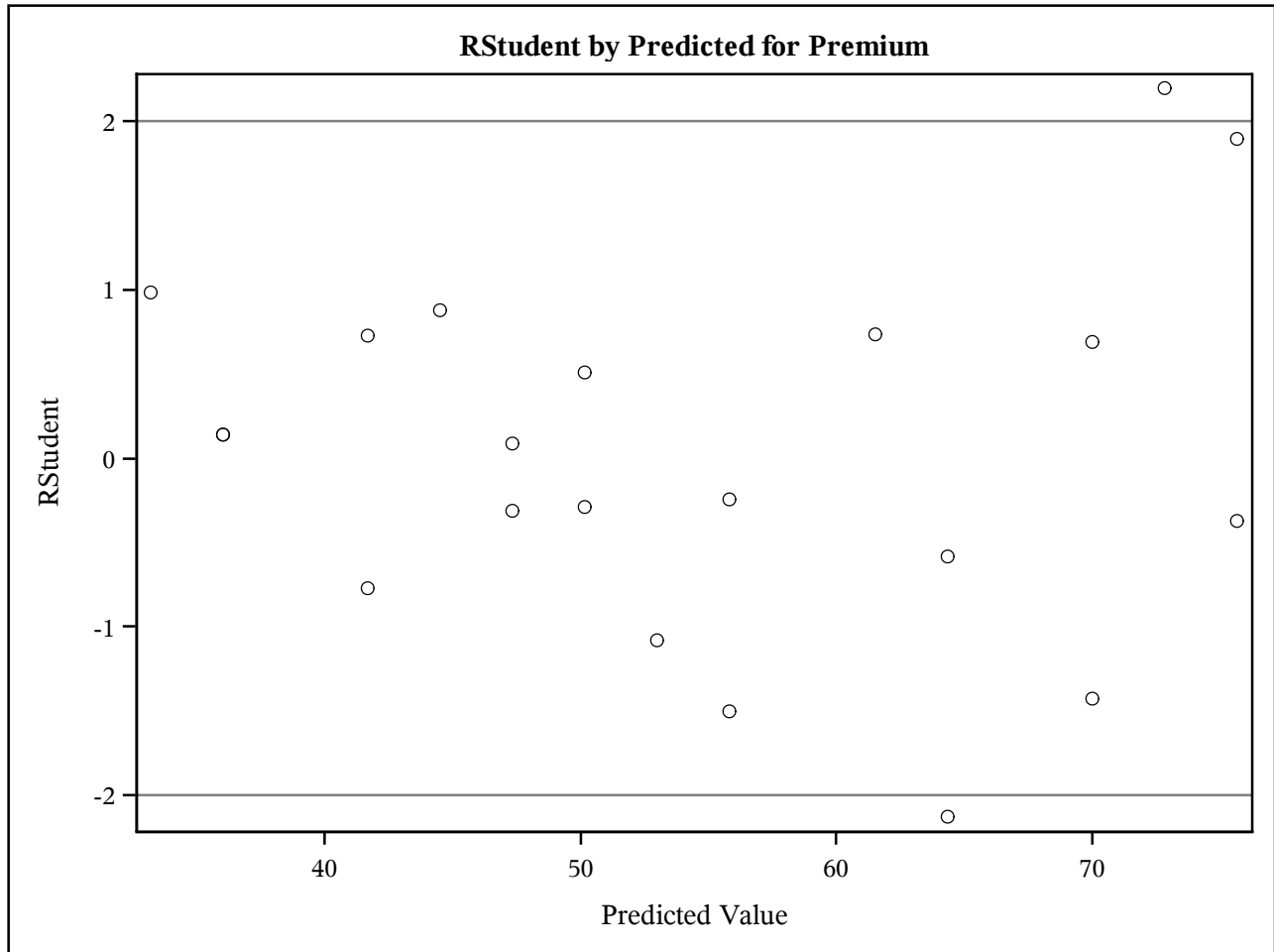
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**



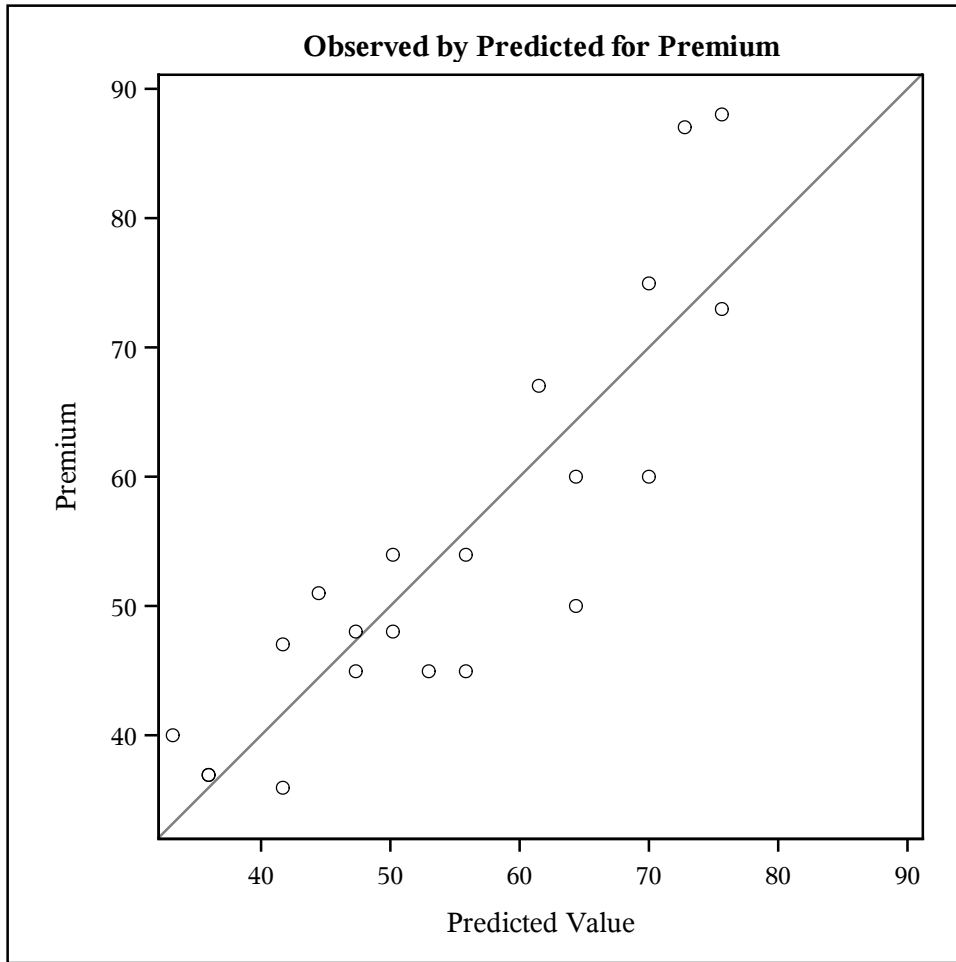
***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***



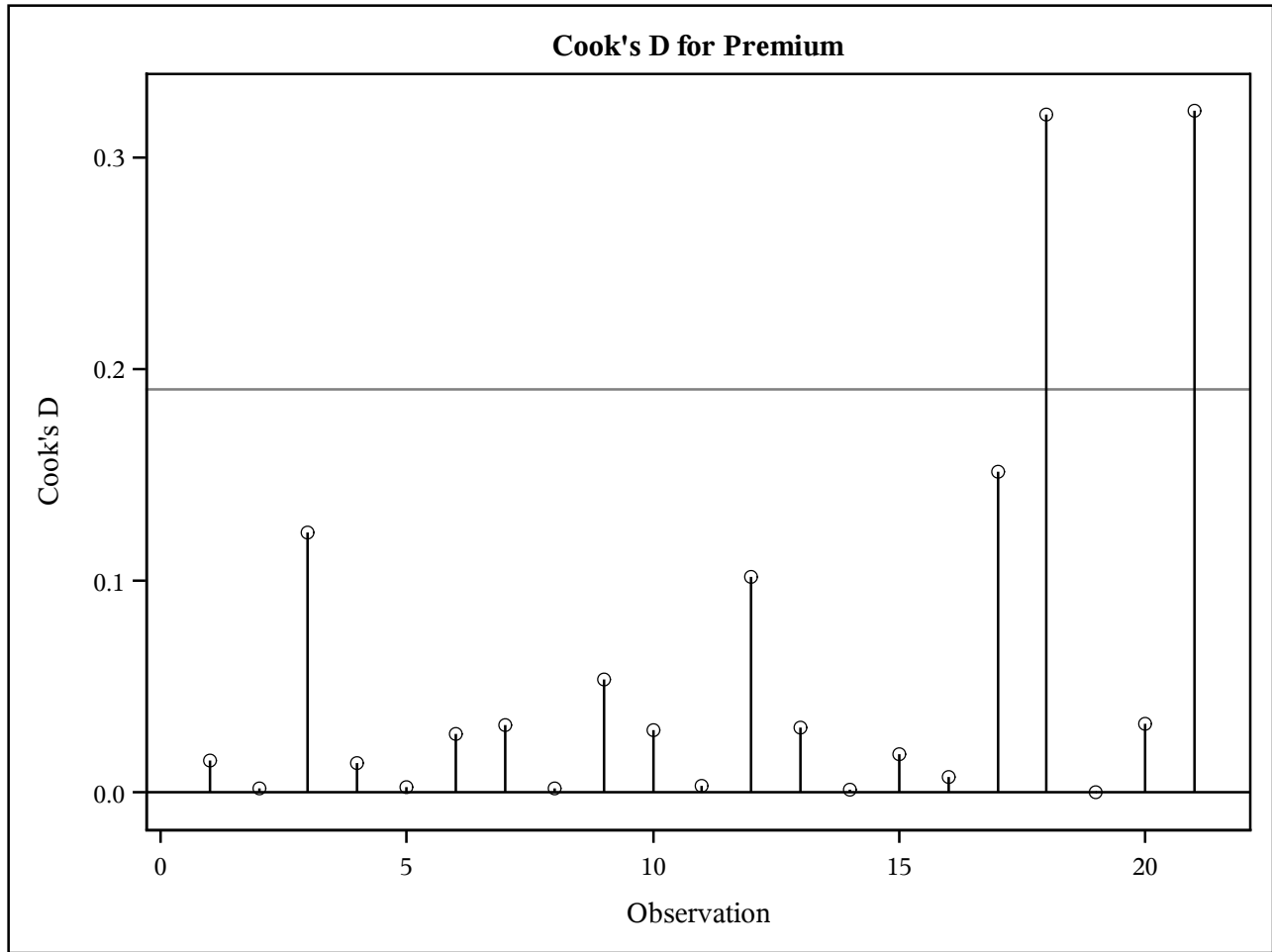
***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***



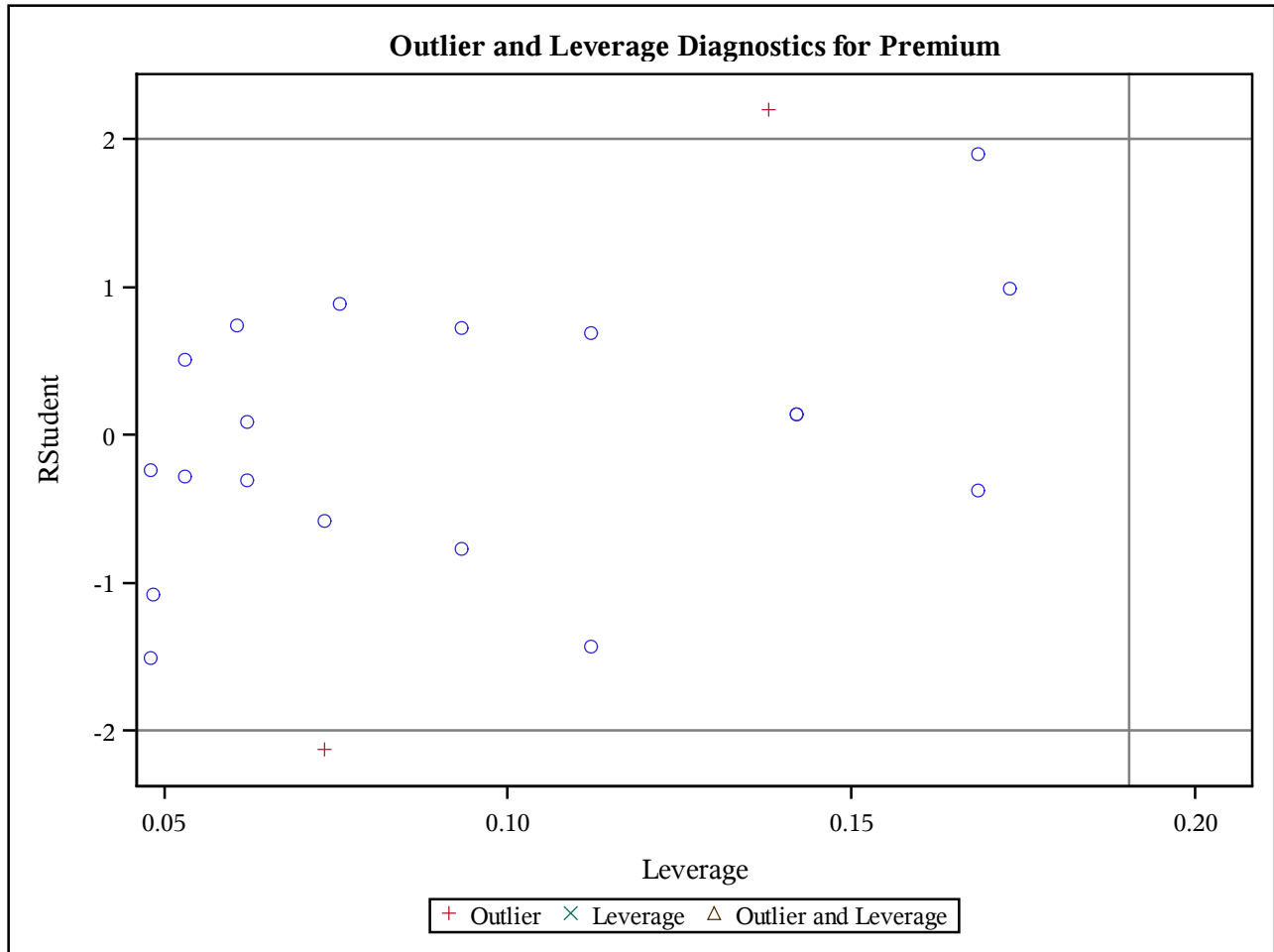
***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***



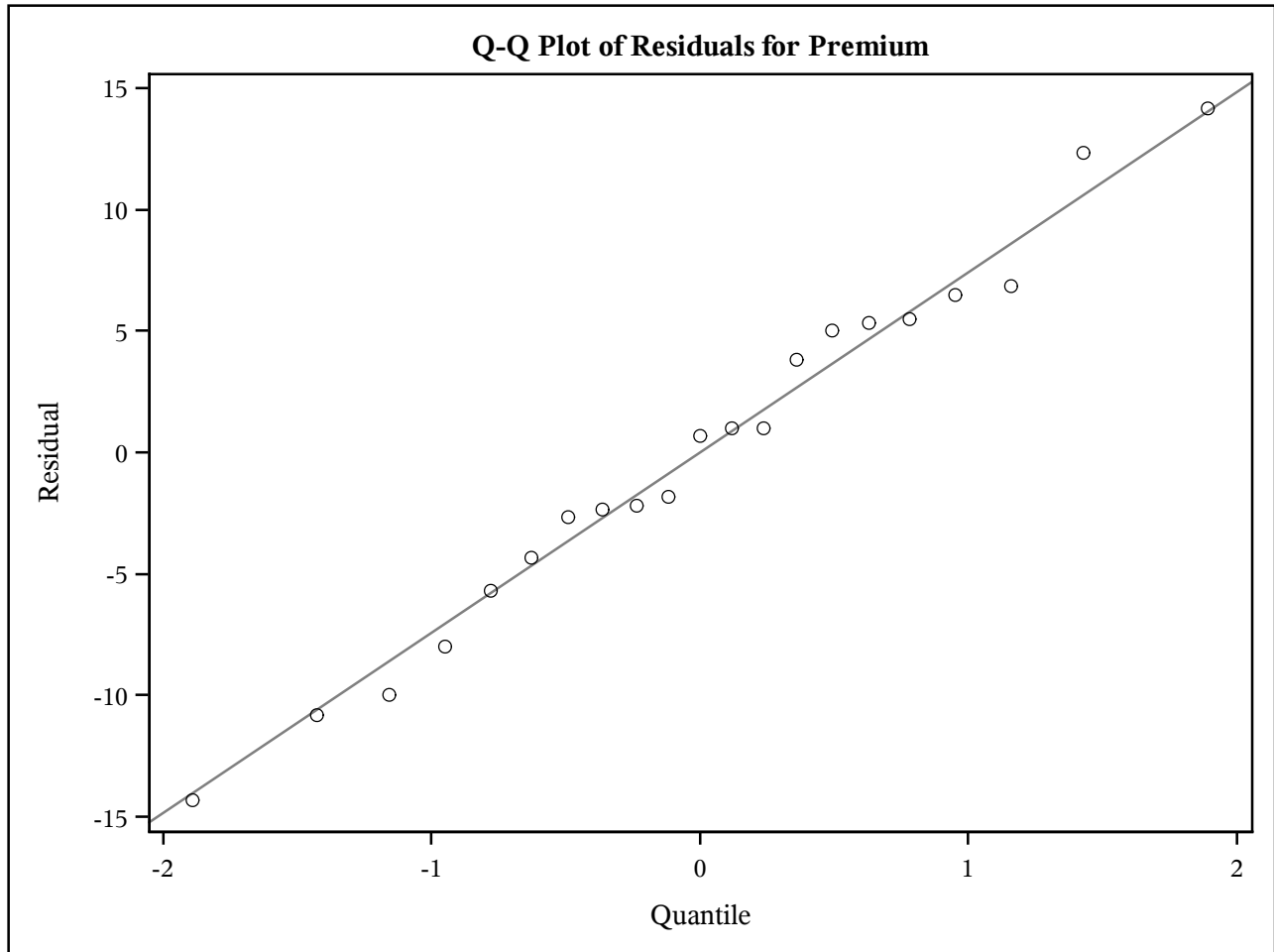
***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***



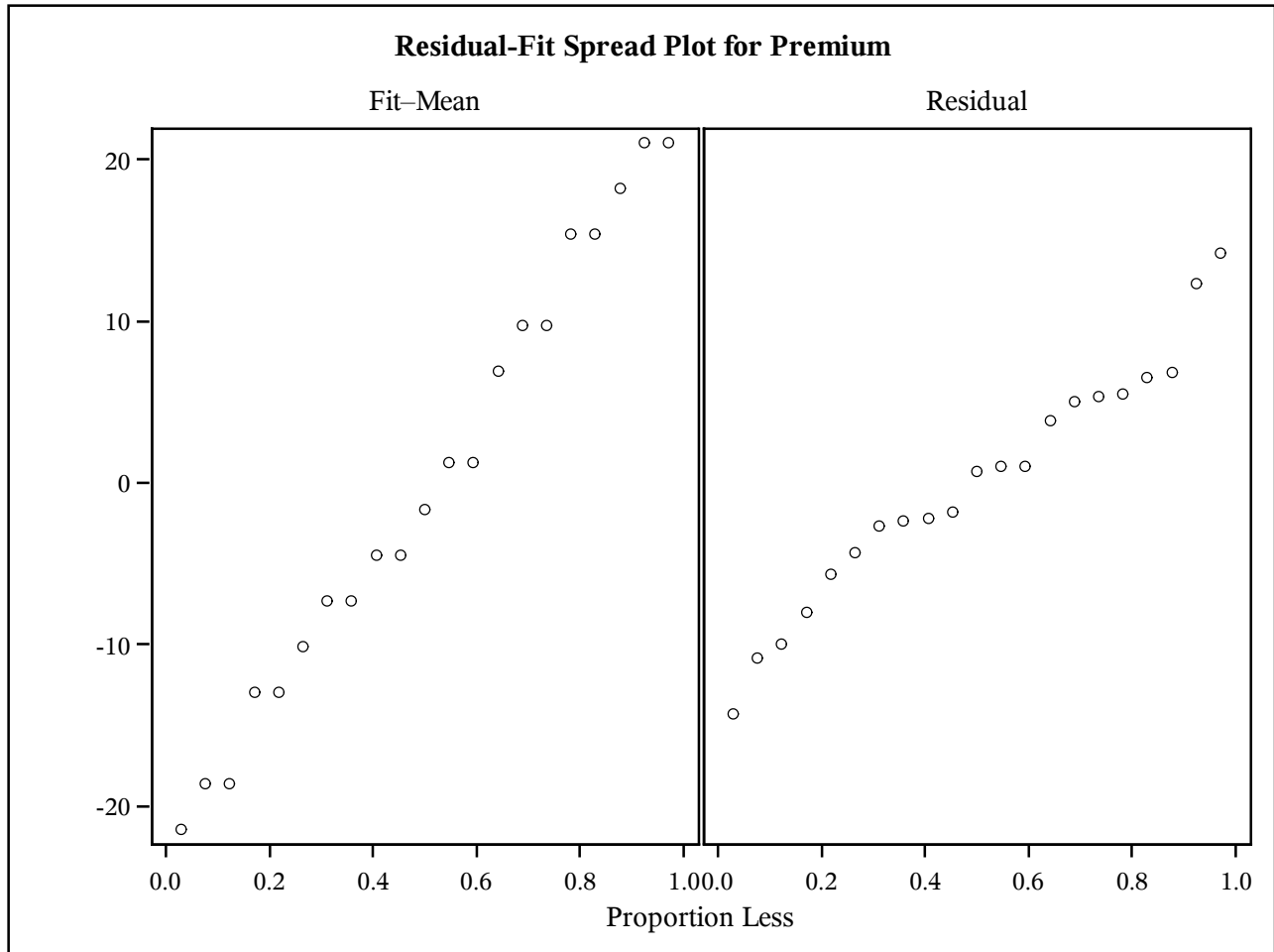
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**



***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***

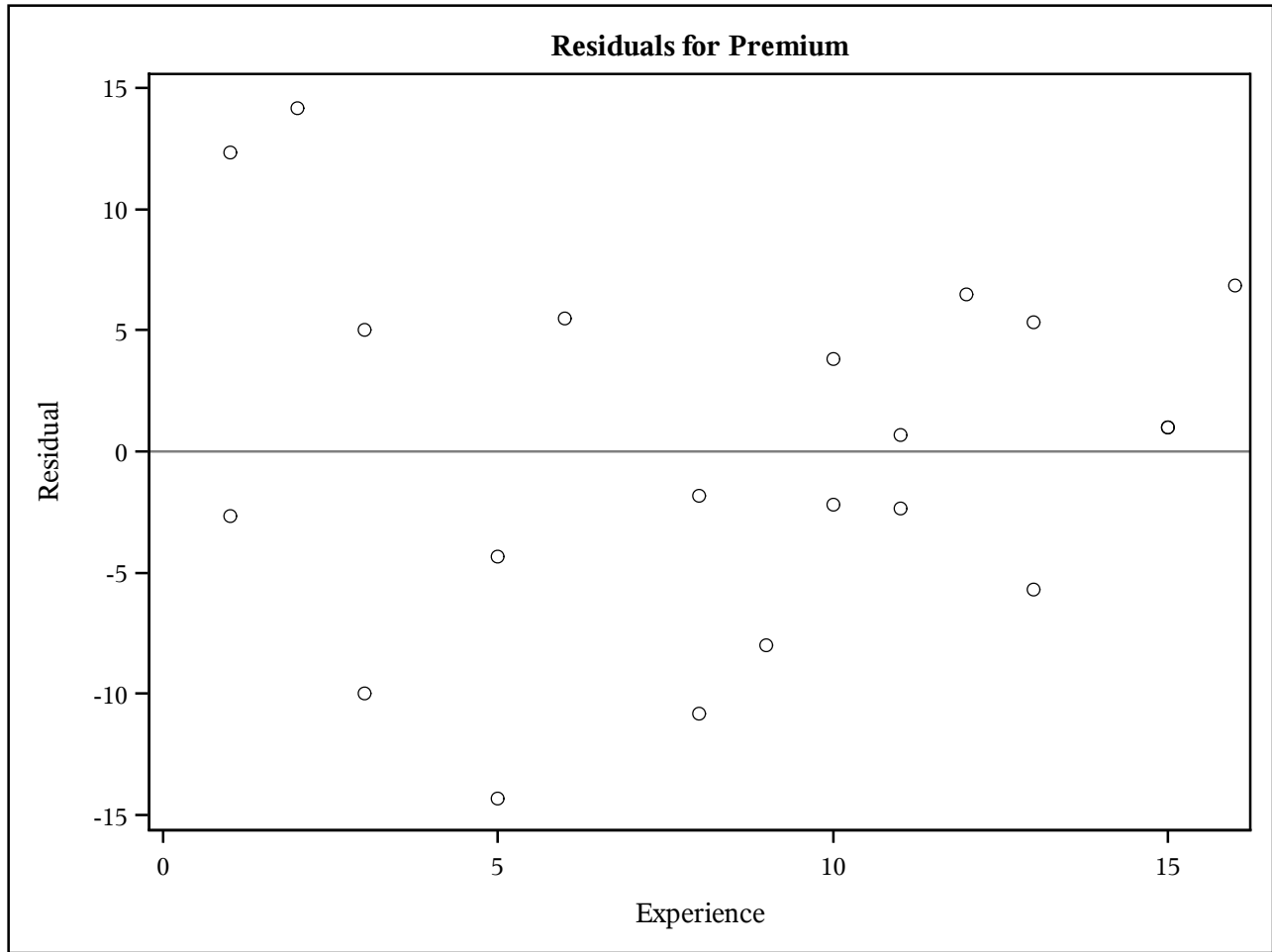


**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**





***The REG Procedure***  
***Model: MODEL1***  
***Dependent Variable: Premium***



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: Premium**

