Your temporary usage period for IBM SPSS Statistics will expire in 10 days.

GET

 $\label{lem:file-power} FILE= \verb|'/Users/keithmccormick/Desktop/Resources/Case Study Data/MWBank.sav'. \\ DATASET NAME DataSet1 WINDOW=FRONT.$

REGRESSION

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT salbeg
/METHOD=ENTER edlevel
/SCATTERPLOT=(*ZRESID ,*ZPRED)
/RESIDUALS HISTOGRAM(ZRESID).

Regression

Notes

Output Created	07-MAR-2018 09:44		
Comments			
Input	Data	/Users/keithmccormick/ Desktop/Resources/Cas e Study Data/MWBank. sav	
	Active Dataset	DataSet1	
	File Label	SPSS/PC+	
	Filter	<none></none>	
	Weight	<none></none>	
	Split File	<none></none>	
	N of Rows in Working Data File	474	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.	
	Cases Used	Statistics are based on cases with no missing values for any variable used.	

Notes

Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT salbeg /METHOD=ENTER edlevel /SCATTERPLOT= (*ZRESID ,*ZPRED) /RESIDUALS HISTOGRAM(ZRESID).
Resources	Processor Time	00:00:01.82
	Elapsed Time	00:00:01.00
	Memory Required	2720 bytes
	Additional Memory Required for Residual Plots	568 bytes

[DataSet1] /Users/keithmccormick/Desktop/Resources/Case Study Data/MWBank.sav

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Education Level ^b		Enter

a. Dependent Variable: Beginning Salary

b. All requested variables entered.

Model Summary b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.633 ^a	.401	.400	2439.304

a. Predictors: (Constant), Education Levelb. Dependent Variable: Beginning Salary

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.880E+9	1	1.880E+9	315.897	.000 ^b
	Residual	2.808E+9	472	5950202.05		
	Total	4.688E+9	473			

a. Dependent Variable: Beginning Salaryb. Predictors: (Constant), Education Level

Coefficients^a

		Unstandardized Coefficients		Standardized Coefficients		
Model		В	Std. Error	Beta	t	Sig.
1	(Constant)	-2516.387	536.368		-4.692	.000
	Education Level	691.011	38.879	.633	17.773	.000

a. Dependent Variable: Beginning Salary

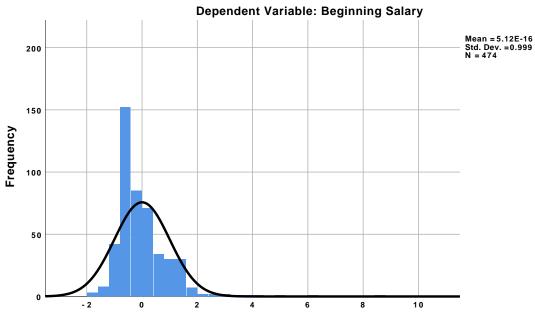
Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	3011.70	11994.85	6806.43	1993.462	474
Residual	-4248.783	21379.172	.000	2436.724	474
Std. Predicted Value	-1.904	2.603	.000	1.000	474
Std. Residual	-1.742	8.764	.000	.999	474

a. Dependent Variable: Beginning Salary

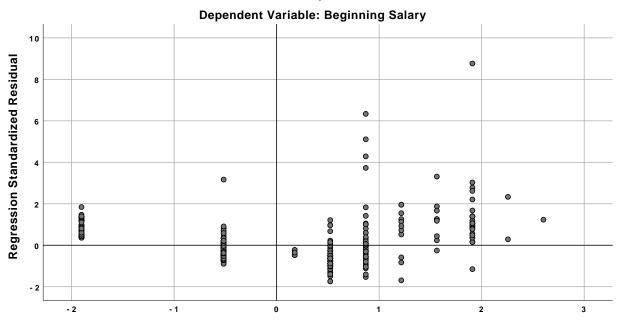
Charts

Histogram



Regression Standardized Residual

Scatterplot



Regression Standardized Predicted Value

Page 4