#### REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT VQ

/METHOD=ENTER VF VU VD

/SCATTERPLOT (\*ZRESID ,\*ZPRED).

# Regression

#### **Notes**

Output Created		15-DEC-2019 18:01:24	
Comments			
Input	Active Dataset	DataSet2	
	Filter	<none></none>	
	Weight	<none></none>	
	Split File	<none></none>	
	N of Rows in Working Data File	3379	
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.	
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT VQ /METHOD=ENTER VF VU VD /SCATTERPLOT= (*ZRESID ,*ZPRED).	
Resources	Processor Time	00:00:00,62	
	Elapsed Time	00:00:00,53	
	Memory Required	4192 bytes	
	Additional Memory Required for Residual Plots	0 bytes	

#### Variables Entered/Removed<sup>a</sup>

	Variables	Variables	<b>N</b> (1 1
Model	Entered	Removed	Method
1	VD, VU, VF <sup>b</sup>		Enter

a. Dependent Variable: VQ

b. All requested variables entered.

## Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,870 <sup>a</sup>	,756	,756	,5852

a. Predictors: (Constant), VD, VU, VF

b. Dependent Variable: VQ

#### **ANOVA**<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3588,735	3	1196,245	3492,663	,000 <sup>b</sup>
	Residual	1155,945	3375	,343		
	Total	4744,680	3378			

a. Dependent Variable: VQ

b. Predictors: (Constant), VD, VU, VF

### **Coefficients**<sup>a</sup>

		Unstandardize	ed Coefficients	Standardized Coefficients		
Model		В	Std. Error	Beta	t	Sig.
1	(Constant)	,003	,054		,048	,962
	VF	,388	,008	,473	49,579	,000
	VU	,465	,008	,529	55,564	,000
	VD	,085	,009	,079	9,118	,000

a. Dependent Variable: VQ

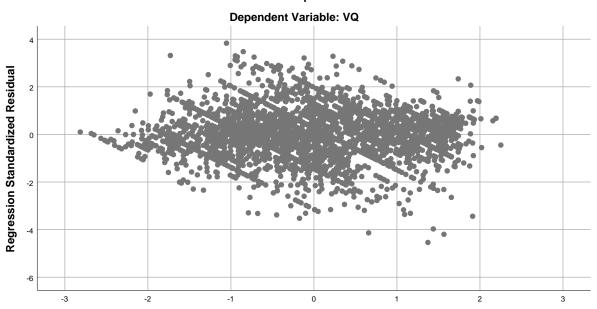
## Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	,941	6,163	3,842	1,0307	3379
Residual	-2,6573	2,2434	,0000	,5850	3379
Std. Predicted Value	-2,815	2,251	,000	1,000	3379
Std. Residual	-4,541	3,833	,000	1,000	3379

a. Dependent Variable: VQ

# Charts





**Regression Standardized Predicted Value**