Exercício 1

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
I (intensidade de corrente)	*1,5460*	*,72807*	*5*
V (dif. Potencial)	*1,3600*	*,61074*	*5*

Correlations

		I (intensidade de corrente)	V (dif. Potencial)
Pearson Correlation	I (intensidade de corrente)	*1,000*	*,994*
	V (dif. Potencial)	*,994*	*1,000*
Sig. (1-tailed)	I (intensidade de corrente)	.	*,000*
	V (dif. Potencial)	*,000*	.
N	I (intensidade de corrente)	*5*	*5*
	V (dif. Potencial)	*5*	*5*

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	*V (dif. Potencial)[a]*	.	*Enter*

a. All requested variables entered.

b. Dependent Variable: I (intensidade de corrente)

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,994[a]	,987	,983	,09515

a. Predictors: (Constant), V (dif. Potencial)

b. Dependent Variable: I (intensidade de corrente)

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2,093	1	2,093	231,210	,001[a]
	Residual	,027	3	,009		
	Total	2,120	4			

a. Predictors: (Constant), V (dif. Potencial)

b. Dependent Variable: I (intensidade de corrente)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	-,065	,114		-,568	,610
	V (dif. Potencial)	1,184	,078	,994	15,206	,001

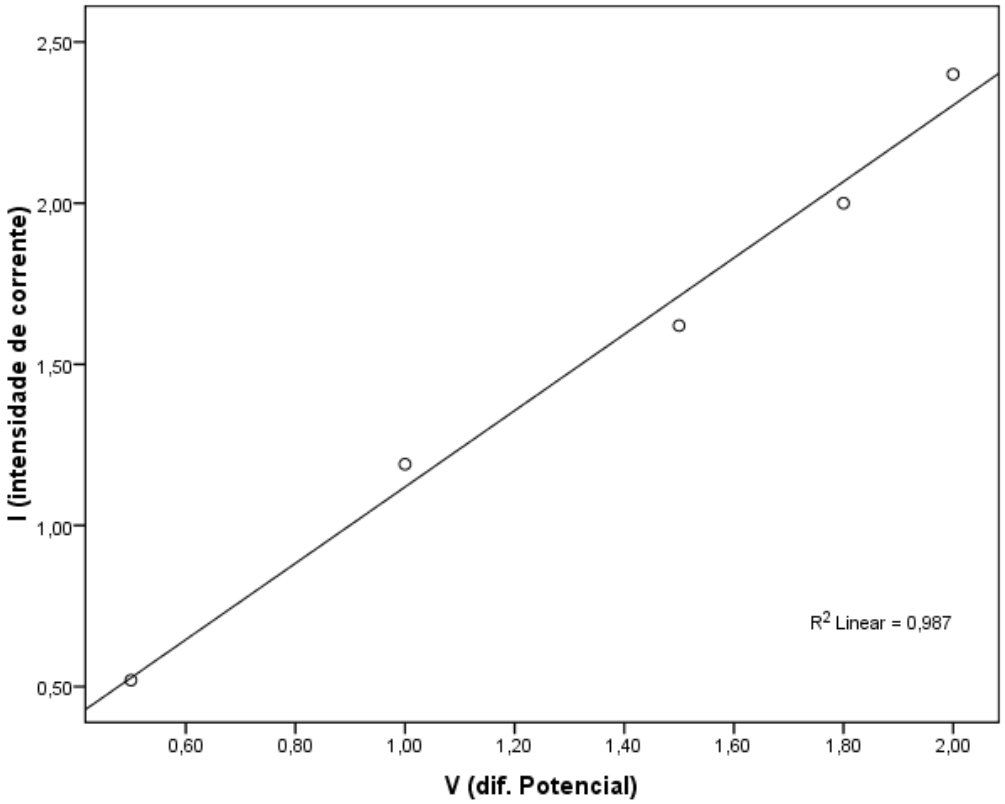
a. Dependent Variable: I (intensidade de corrente)

Coefficients[a]

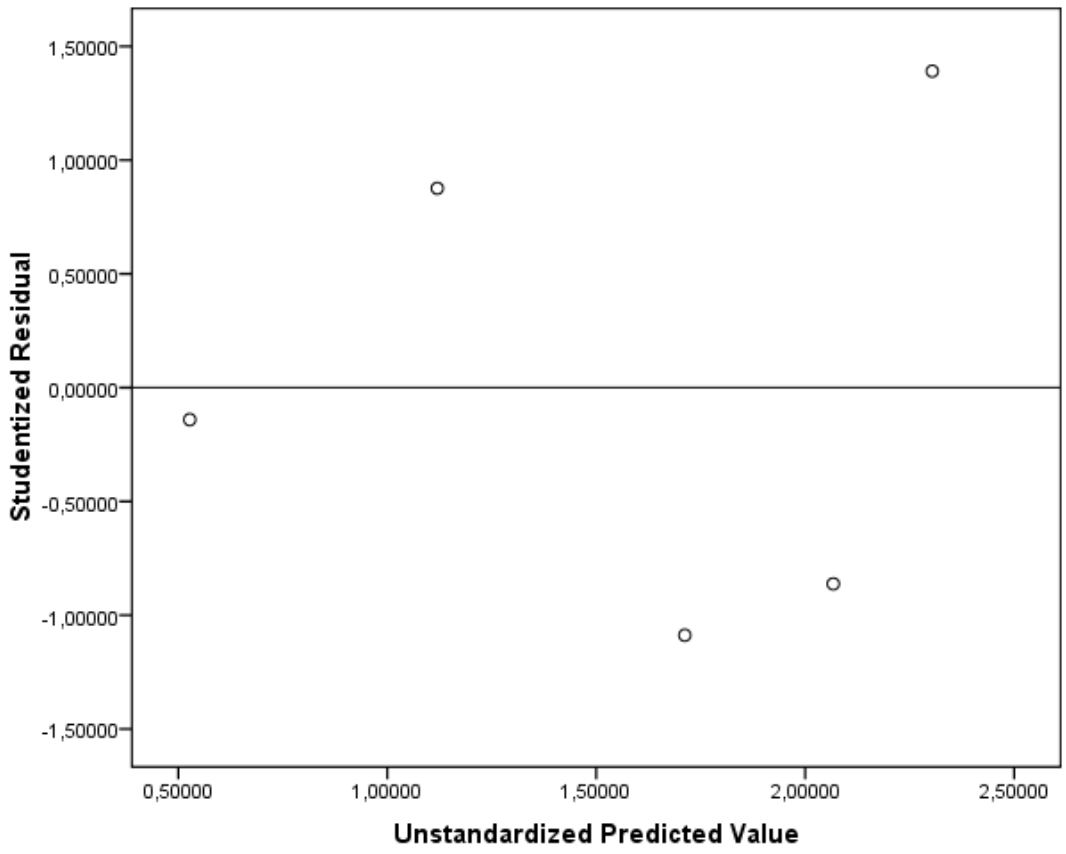
Model		95,0% Confidence Interval for B	
		Lower Bound	Upper Bound
1	(Constant)	-,428	,298
	V (dif. Potencial)	,937	1,432

a. Dependent Variable: I (intensidade de corrente)

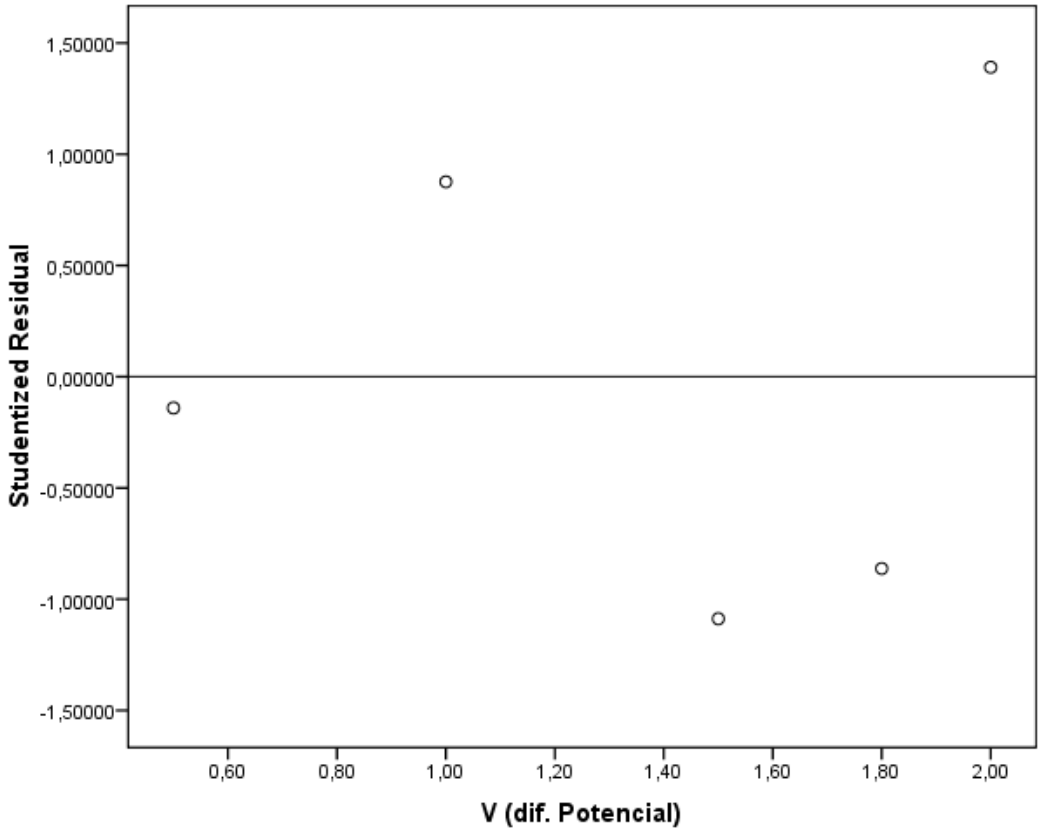
Graph


I (intensidade de corrente)
2,50
2,00
1,50
1,00
0,50
R2 Linear = 0,987
0,60
0,80
1,00
1,20
1,40
1,60
1,80
2,00
V (dif. Potencial)

Graph


Studentized Residual
1,50000
1,00000
0,50000
0,00000
-0,50000
-1,00000
-1,50000
0,50000
1,00000
1,50000
2,00000
2,50000
Unstandardized Predicted Value

Graph



Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Studentized Residual	5	100,0%	0	,0%	5	100,0%

Descriptives

			Statistic	Std. Error
Studentized Residual	Mean		,0353615	,48184425
	95% Confidence Interval for Mean	Lower Bound	-1,3024526	
		Upper Bound	1,3731756	
	5% Trimmed Mean		,0224441	
	Median		-,1404695	
	Variance		1,161	
	Std. Deviation		1,07743649	
	Minimum		-1,08794	
	Maximum		1,39117	
	Range		2,47911	
	Interquartile Range		2,10873	
	Skewness		,313	,913
	Kurtosis		-2,322	2,000

NPar Tests

One-Sample Kolmogorov-Smirnov Test

		Studentized Residual
	N	***5***
Normal Parameters[a,,b]	**Mean**	***,0353615***
	Std. Deviation	***1,07743649***
Most Extreme Differences	**Absolute**	***,198***
	Positive	***,198***
	Negative	***-,182***
	Kolmogorov-Smirnov Z	***,442***
	Asymp. Sig. (2-tailed)	***,990***

a. Test distribution is Normal.

b. Calculated from data.