

## Regression

Variables Entered/Removed<sup>b</sup>

Model	Variables Entered	Variables Removed	Method
1	log10d <sup>a</sup>	.	Enter

a. All requested variables entered.

b. Dependent Variable: log10h

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,994 <sup>a</sup>	,988	,985	,01544

a. Predictors: (Constant), log10d

b. Dependent Variable: log10h

ANOVA<sup>b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	,079	1	,079	333,302	,000 <sup>a</sup>
	Residual	,001	4	,000		
	Total	,080	5			

a. Predictors: (Constant), log10d

b. Dependent Variable: log10h

Coefficients<sup>a</sup>

Model	Unstandardized Coefficients	
	B	Std. Error
1	(Constant) 4,968	,141
	log10d -1,865	,102

Coefficients<sup>a</sup>

Model	Standardized Coefficients Beta	t	Sig.	95,0% Confidence Interval for B	
				Lower Bound	Upper Bound
1	(Constant) .35,305	,000		4,577	5,358
	log10d -.994	-18,257	,000	-2,149	-1,582

a. Dependent Variable: log10h

## Explore

[DataSet2] C:\Users\Cristina\Documents\Aulas2009\_10\regressão\exerc4.sav

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Studentized Residual	6	100,0%	0	,0%	6	100,0%

### Descriptives

			Statistic	Std. Error
Studentized Residual	Mean		-,0567132	,45801918
	95% Confidence Interval for Mean	Lower Bound Upper Bound	-1,2340890 1,1206626	
	5% Trimmed Mean		-,0242651	
	Median		-,1038435	
	Variance		1,259	
	Std. Deviation		1,12191328	
	Minimum		-1,91378	
	Maximum		1,21629	
	Range		3,13007	
	Interquartile Range		1,79655	
	Skewness		-,710	,845
	Kurtosis		,642	1,741

### Tests of Normality

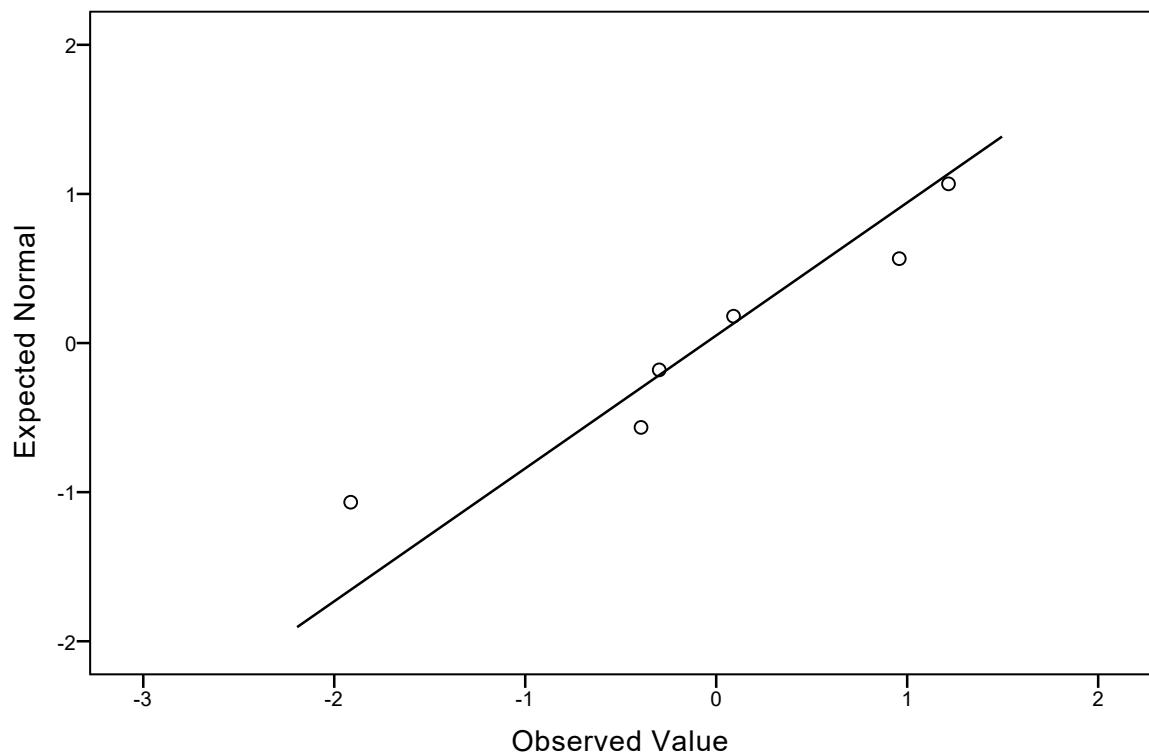
	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Studentized Residual	,215	6	,200 <sup>*</sup>	,935	6	,623

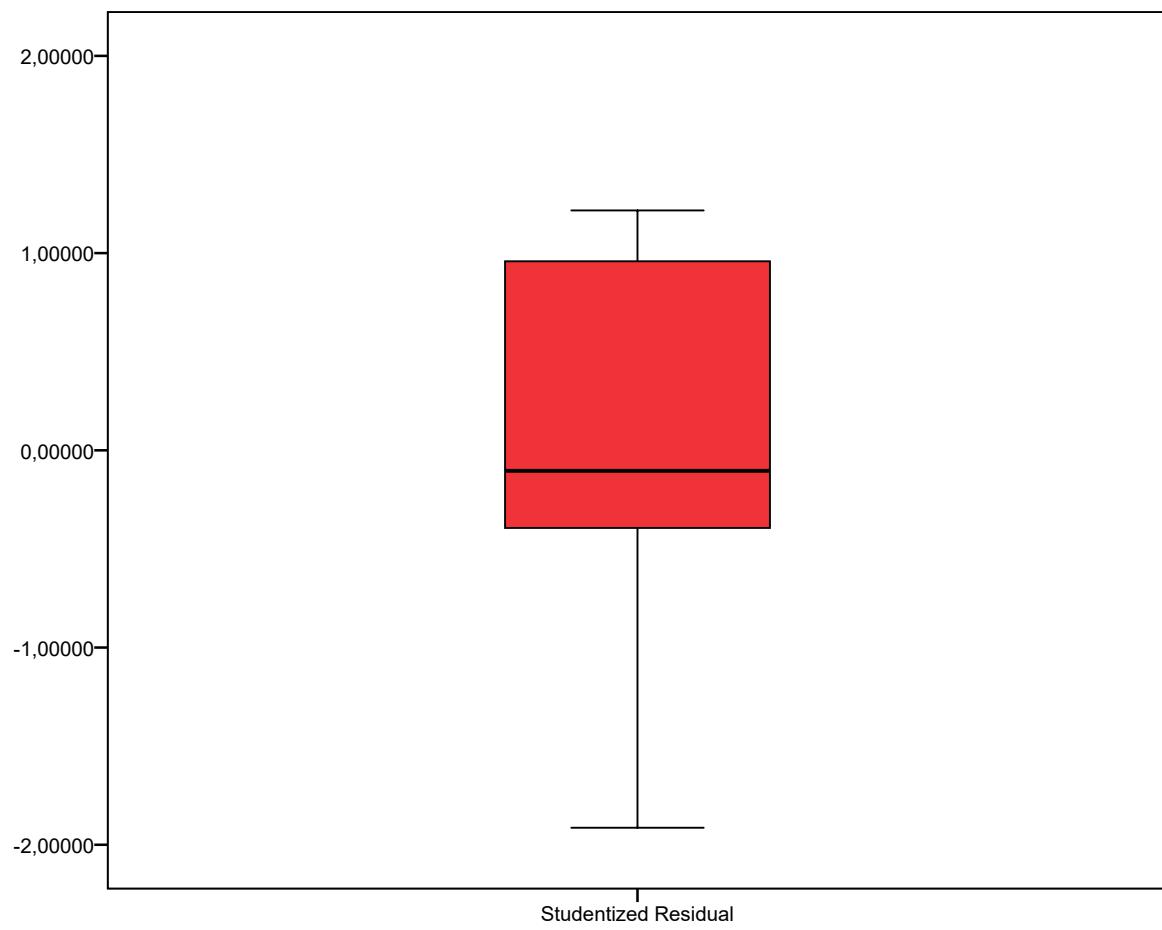
a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### **Studentized Residual**

### Normal Q-Q Plot of Studentized Residual





**Graph**

