

▼ File: Untitled1.syz

IMPORT successfully completed. Processed 9 variables and 131 cases.
Successfully saved file E:\cpuearr.syz
Processed 6 Variables and 88 Cases.

▼ Analysis of Variance

Effects coding used for categorical variables in model.
The categorical values encountered during processing are

Variables	Levels				
BIOTOPO (5 levels)	1,000	2,000	3,000	5,000	6,000

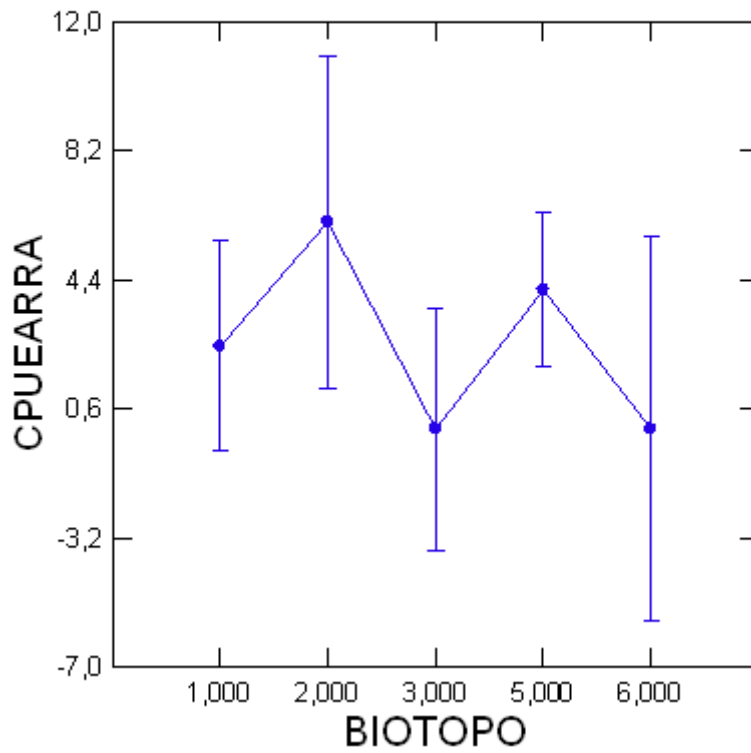
2 case(s) are deleted due to missing data.

Dependent Variable	CPUEARRA
N	86
Multiple R	0,273
Squared Multiple R	0,075

Estimates of Effects $B = (X'X)^{-1}X'Y$		
Factor	Level	CPUEARRA
CONSTANT		2,527
BIOTOPO	1,000	-0,093
BIOTOPO	2,000	3,576
BIOTOPO	3,000	-2,527
BIOTOPO	5,000	1,570

Analysis of Variance					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
BIOTOPO	316,017	4	79,004	1,634	0,174
Error	3.916,246	81	48,349		

Least Squares Means



WARNING

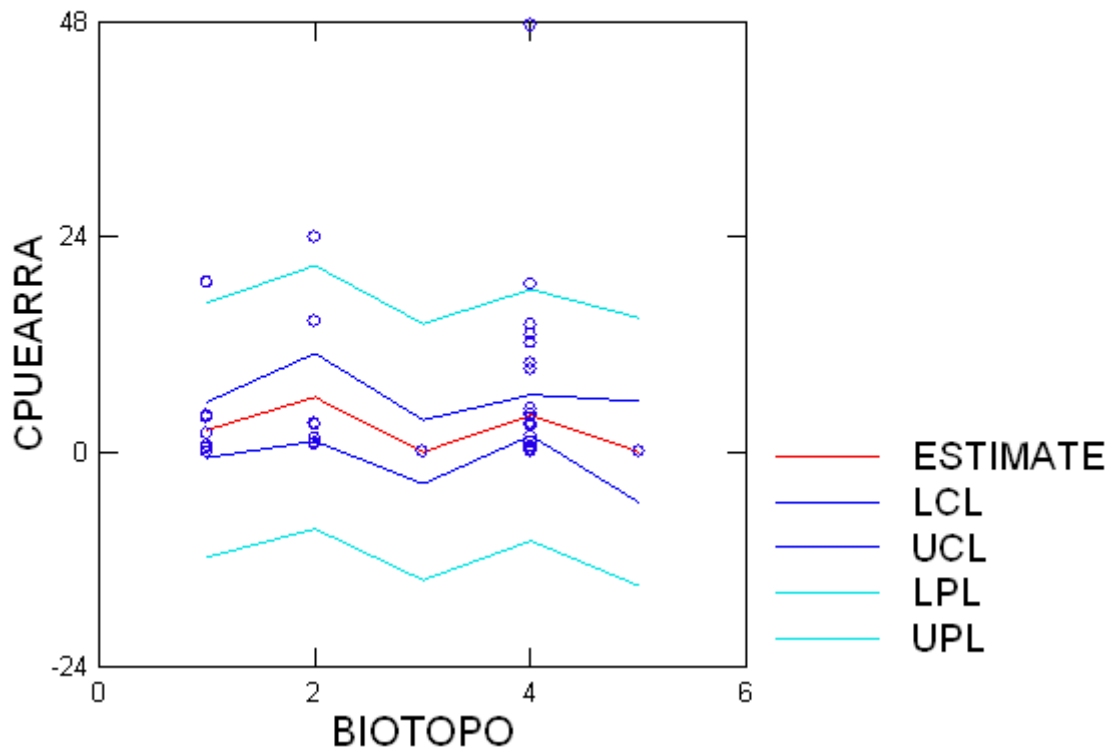
Case 54 is an Outlier (Studentized Residual : 8,865)

Durbin-Watson D-Statistic	1,871
First Order Autocorrelation	0,062

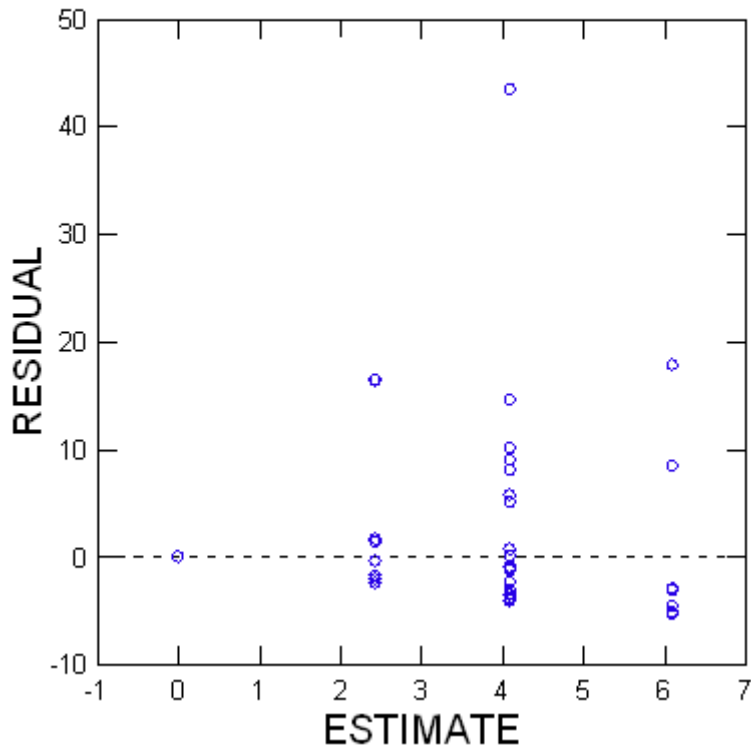
Information Criteria	
AIC	584,452
AIC (Corrected)	585,515
Schwarz's BIC	599,178

Residuals have been saved.

Confidence Interval and Prediction Interval



Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Test of Hypothesis					
Source	SS	df	Mean Squares	F-Ratio	p-Value
Hypothesis	1.037,3935	207,479	4,291		0,002
Error	3.916,24681	48,349			

▼ Analysis of Variance

Effects coding used for categorical variables in model.
The categorical values encountered during processing are

Variables	Levels
COLETA (3 levels)	1,000 2,000 3,000

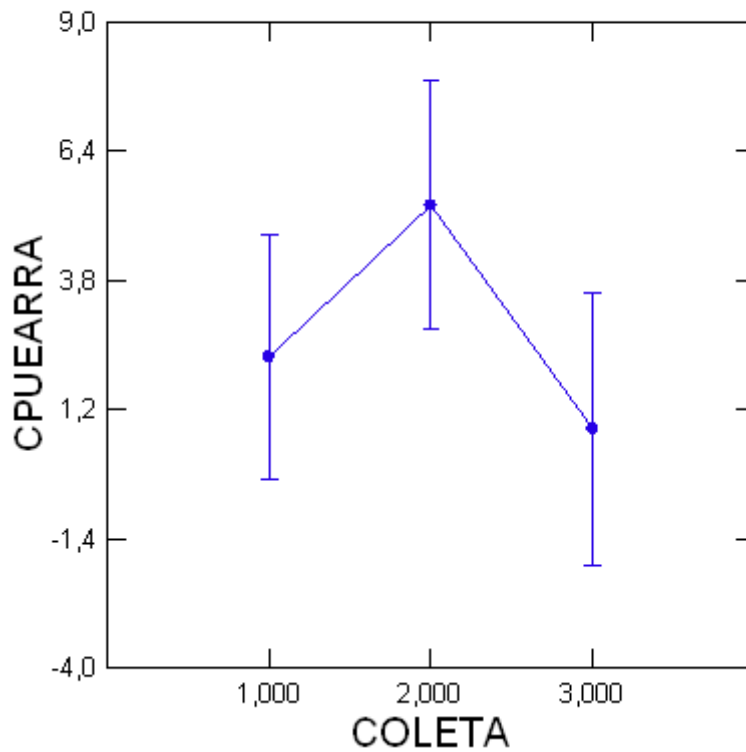
2 case(s) are deleted due to missing data.

Dependent Variable	CPUEARRA
N	86
Multiple R	0,264
Squared Multiple R	0,070

Estimates of Effects B = (X'X) ⁻¹ X'Y		
Factor	Level	CPUEARRA
CONSTANT		2,787
COLETA	1,000	-0,538
COLETA	2,000	2,515

Analysis of Variance					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
COLETA	295,459	2	147,729	3,115	0,050
Error	3.936,804	83	47,431		

Least Squares Means



WARNING

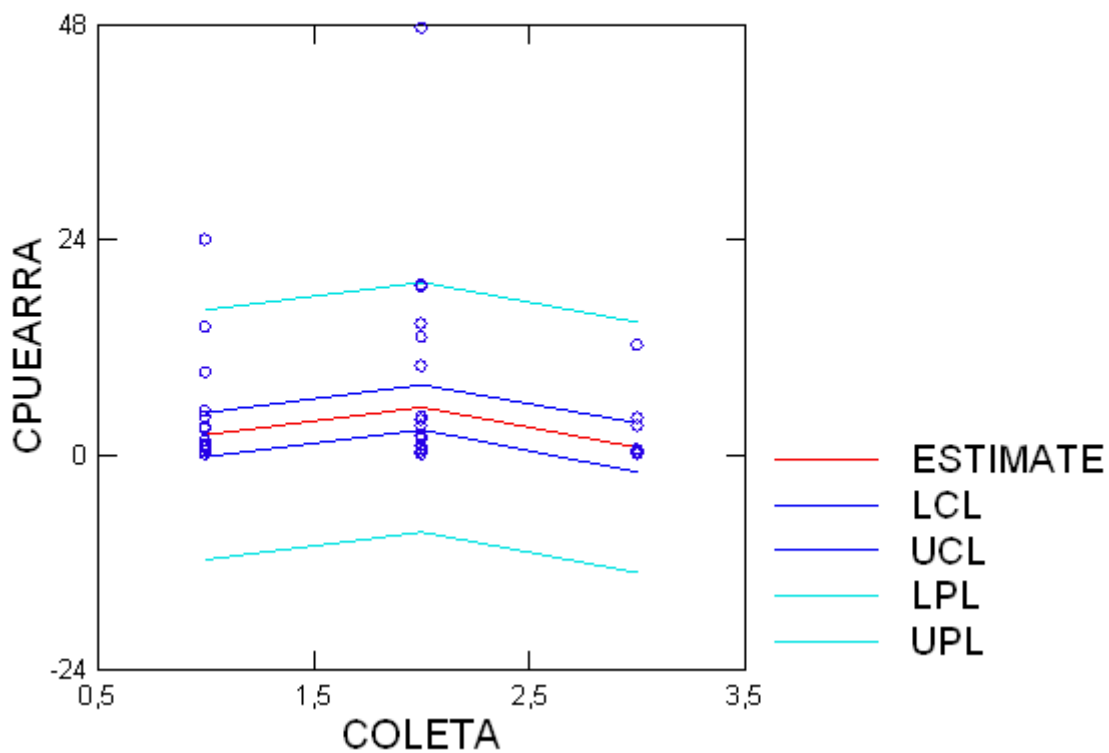
Case 10 is an Outlier (Studentized Residual : 3,396)
Case 54 is an Outlier (Studentized Residual : 8,510)

Durbin-Watson D-Statistic	1,771
First Order Autocorrelation	0,114

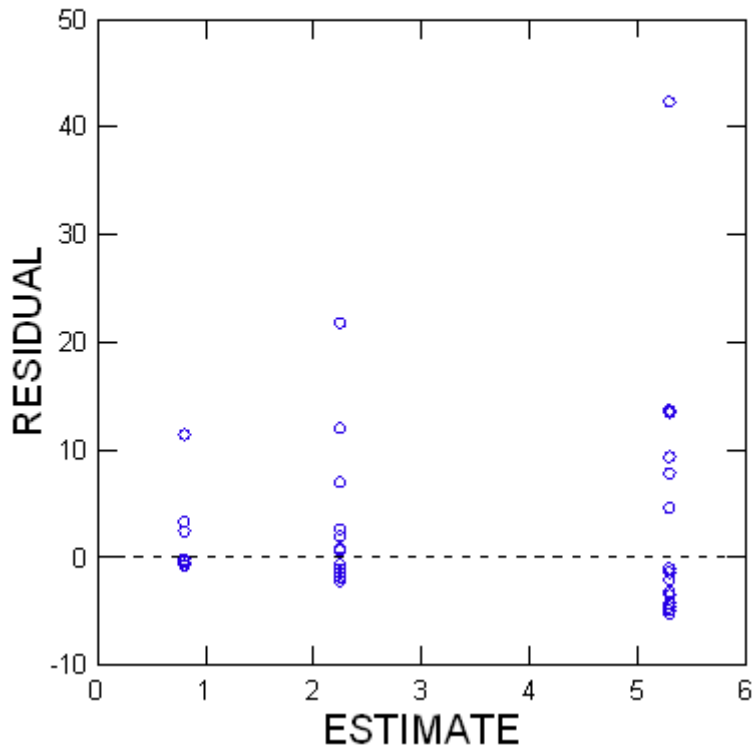
Information Criteria	
AIC	580,902
AIC (Corrected)	581,396
Schwarz's BIC	590,720

Residuals have been saved.

Confidence Interval and Prediction Interval



Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Test of Hypothesis					
Source	SS	df	Mean Squares	F-Ratio	p-Value
Hypothesis	1.016,8353	3	338,945	7,146	0,000
Error	3.936,80483	47,431			

▼ Analysis of Variance

Effects coding used for categorical variables in model.
The categorical values encountered during processing are

Variables	Levels
EIXO (2 levels)	1,000 2,000

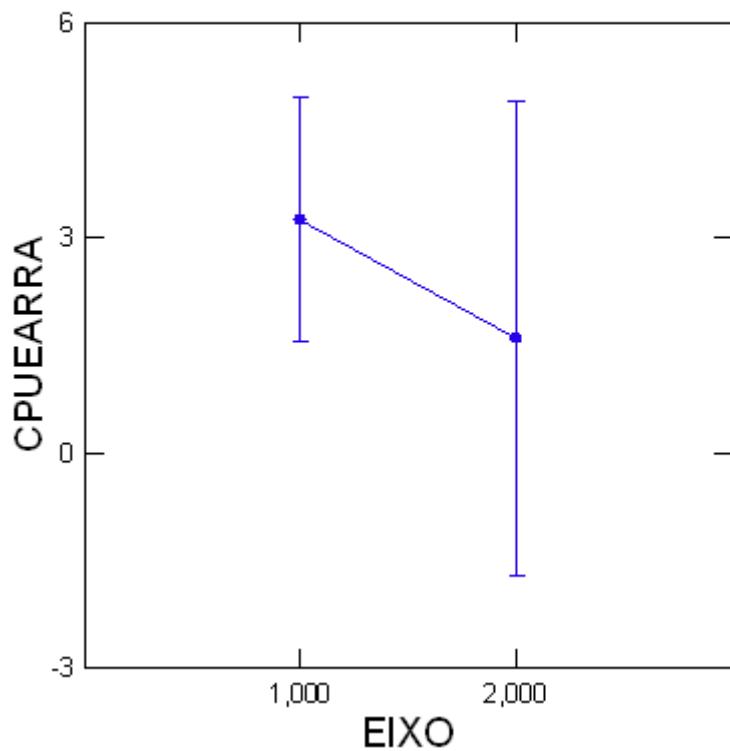
2 case(s) are deleted due to missing data.

Dependent Variable	CPUEARRA
N	86
Multiple R	0,096
Squared Multiple R	0,009

Estimates of Effects B = (X'X) ⁻¹ X'Y		
Factor	Level	CPUEARRA
CONSTANT		2,417
EIXO	1,000	0,825

Analysis of Variance					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
EIXO	38,742	1	38,742	0,776	0,381
Error	4.193,521	84	49,923		

Least Squares Means



WARNING

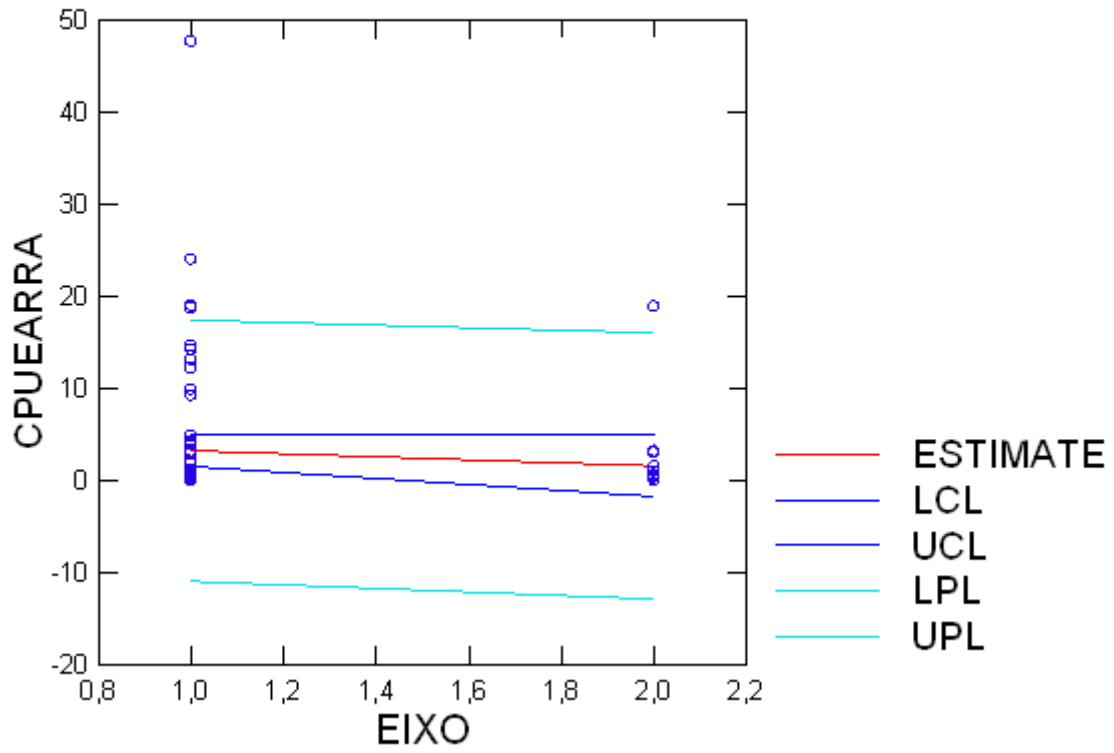
Case 54 is an Outlier (Studentized Residual : 8,668)

Durbin-Watson D-Statistic	1,692
First Order Autocorrelation	0,152

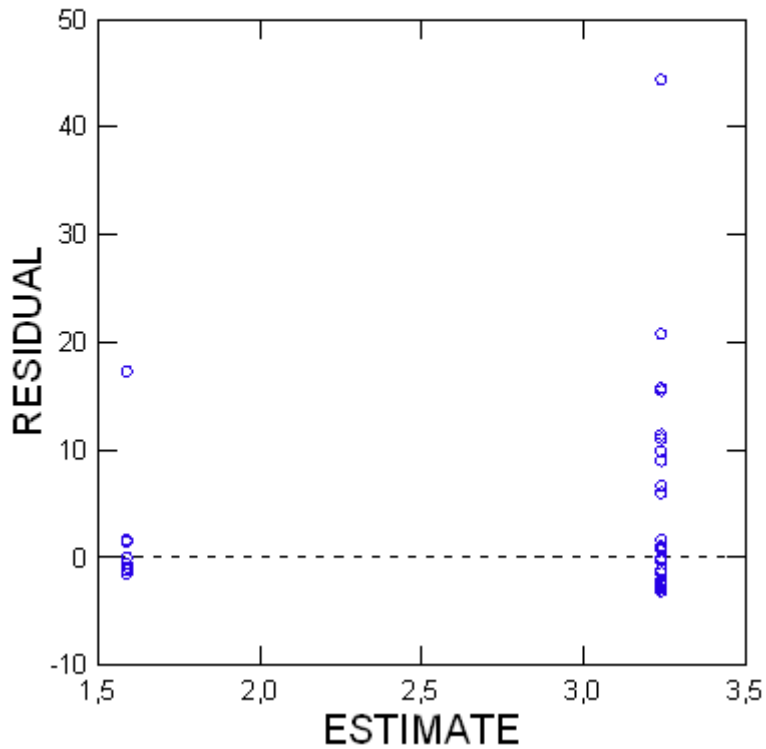
Information Criteria	
AIC	584,335
AIC (Corrected)	584,628
Schwarz's BIC	591,698

Residuals have been saved.

Confidence Interval and Prediction Interval



Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Test of Hypothesis					
Source	SS	df	Mean Squares	F-Ratio	p-Value
Hypothesis	760,119	2	380,059	7,613	0,001
Error	4.193,521	84	49,923		

▼ Analysis of Variance

Effects coding used for categorical variables in model.
The categorical values encountered during processing are

Variables	Levels				
PTS (35 levels)	1,000	2,000	3,000	4,000	5,000
	6,000	7,000	8,000	9,000	10,000
	11,000	12,000	13,000	14,000	15,000
	16,000	17,000	18,000	19,000	20,000
	21,000	22,000	23,000	24,000	25,000
	26,000	27,000	28,000	29,000	30,000
	31,000	32,000	33,000	34,000	35,000

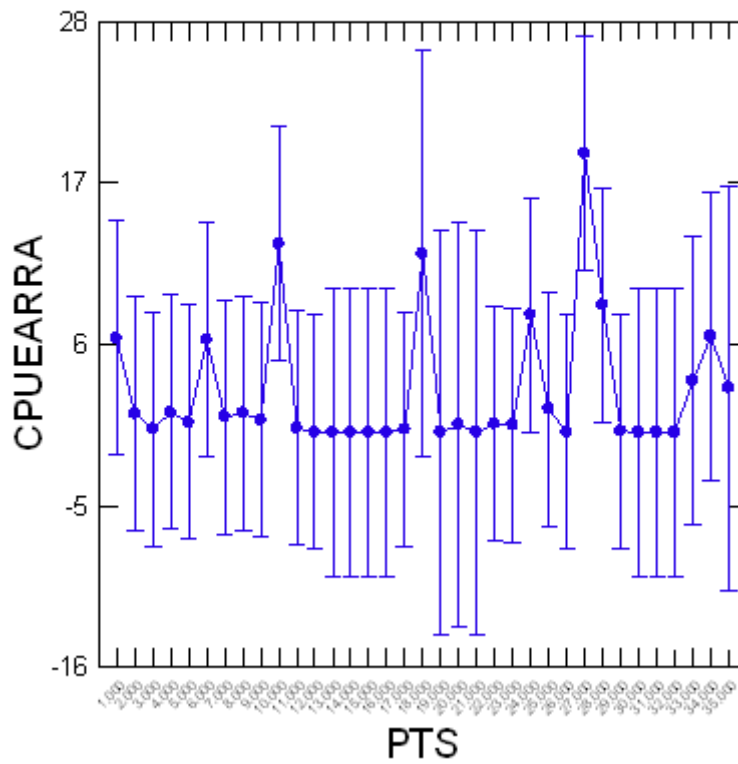
2 case(s) are deleted due to missing data.

Dependent Variable	CPUEARRA
N	86
Multiple R	0,654
Squared Multiple R	0,428

Estimates of Effects $B = (X'X)^{-1}X'Y$		
Factor	Level	CPUEARRA
CONSTANT		2,766
PTS	1,000	3,634
PTS	2,000	-1,491
PTS	3,000	-2,541
PTS	4,000	-1,416
PTS	5,000	-2,091
PTS	6,000	3,534
PTS	7,000	-1,716
PTS	8,000	-1,466
PTS	9,000	-1,941
PTS	10,000	10,059
PTS	11,000	-2,491
PTS	12,000	-2,766
PTS	13,000	-2,766
PTS	14,000	-2,766
PTS	15,000	-2,766
PTS	16,000	-2,766
PTS	17,000	-2,566
PTS	18,000	9,384
PTS	19,000	-2,766
PTS	20,000	-2,241
PTS	21,000	-2,766
PTS	22,000	-2,191
PTS	23,000	-2,291
PTS	24,000	5,234
PTS	25,000	-1,166
PTS	26,000	-2,766
PTS	27,000	16,234
PTS	28,000	5,884
PTS	29,000	-2,666
PTS	30,000	-2,766
PTS	31,000	-2,766
PTS	32,000	-2,766
PTS	33,000	0,759
PTS	34,000	3,759

Analysis of Variance					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
PTS	1.812,392	34	53,306	1,123	0,348
Error	2.419,871	51	47,448		

Least Squares Means



WARNING

Case 54 is an Outlier (Studentized Residual : 7,146)

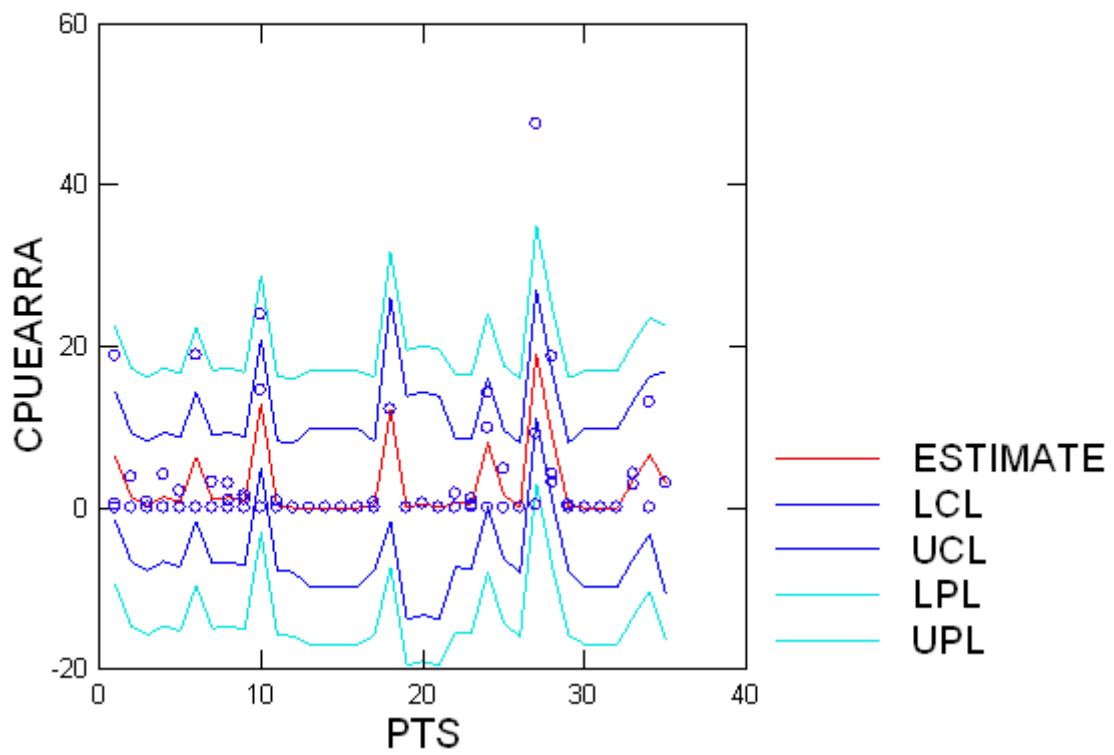
Case 84 is an Outlier (Studentized Residual : -3,720)

Durbin-Watson D-Statistic	1,512
First Order Autocorrelation	0,236

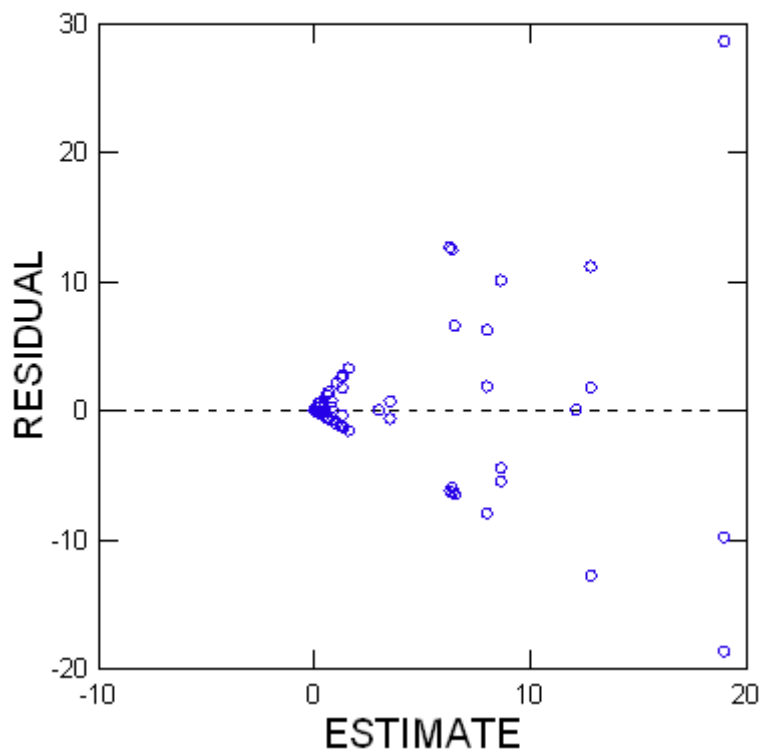
Information Criteria	
AIC	603,050
AIC (Corrected)	657,417
Schwarz's BIC	691,406

Residuals have been saved.

Confidence Interval and Prediction Interval



Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Test of Hypothesis				
Source	SS	df	Mean Squares	F-Ratio p-Value
Hypothesis	2.533,768	35	72,393	1,526 0,083
Error	2.419,871	51	47,448	