

▼ File: E:\PCAGE3.syz

Number of Variables : 41

Number of Cases : 91

SYSTAT Rectangular file E:\PCAGE3.syz,  
Created data file Tue Jul 22 11:15:47 2014 containing variables:

\$PONTOS_DE_COLETA\$	BIOTOPO	COLETA	EIXO	PONTOS	LOGCOND
LOGTURB	LOGOD	LOGCOR	LOGALCA	LOGDUR	LOGBICAR
LOGDBO	LOGDQO	LOGNITRA	LOGDUR(1)	LOGNO	LOGPT
LOGPORT	LOGST	LOGSTD	LOGSST	LOGCLOR	LOGCOT
LOGCOD	LOGSULFA	LOGCAT	LOGMGT	LOGNAT	LOGKT
LOGMNT	LOGZNT	LOGPBT	LOGAST	LOGSET	LOGNIT
LOGALD	LOGFET	LOGFED	LOGCUD	LOGSIS	

Successfully saved file E:\MANOVAQAGE.syz  
Processed 32 Variables and 91 Cases.

▼ Multivariate Analysis of Variance

33 case(s) are deleted due to missing data.  
N of Cases Processed: 58

Dependent Variable Means																				
LOG CON D	LOG TUR B	LOG GO D	LOG COR A	LOG ALC A	LOG DUR A	LOG BICAR	LOG DBO	LOG DQO	LOG GN O	LOG GS T	LOG STD S	LOG SST S	LOG COT C	LOG COD C	LOGS ULFA	LOG CAT C	LOG MGT M	LOG NAT N	LOG GK T	LOG PBT P
2,236	2,164	1,741	2,667	2,054	1,781	2,053	1,055	2,152	0,714	2,755	2,631	2,048	1,579	1,494	0,725	0,959	0,566	0,976	1,072	-1,984

Dependent Variable Means (Contd.)					
LOGAST	LOGSET	LOGNIT	LOGFET	LOGFED	LOGSIS
-1,980	-2,000	-2,000	0,930	0,647	1,796

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGCOND	LOGTURB	LOGOD	LOGCOR	LOGALCA	LOGDUR	LOGBICAR	LOGDBO
CONSTANT	2,503	2,533	1,788	2,699	2,258	1,904	2,259	1,021
BIOTOPO	-0,074	-0,102	-0,013	-0,009	-0,056	-0,034	-0,057	0,009

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGDQO	LOGNO	LOGST	LOGSTD	LOGSST	LOGCOT	LOGCOD	LOGSULFA
CONSTANT	2,134	0,659	2,856	2,746	2,134	1,589	1,497	0,710
BIOTOPO	0,005	0,015	-0,028	-0,032	-0,024	-0,003	-0,001	0,004

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGCAT	LOGMGT	LOGNAT	LOGKT	LOGPBT	LOGAST	LOGSET	LOGNIT
CONSTANT	1,385	1,099	1,180	1,333	-2,006	-1,947	-2,000	-2,000
BIOTOPO	-0,118	-0,147	-0,056	-0,072	0,006	-0,009	0,000	0,000

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y			
Factor	LOGFET	LOGFED	LOGSIS

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y			
Factor	LOGFET	LOGFED	LOGSIS
CONSTANT	1,044	0,657	2,047
BIOTOPO	-0,032	-0,003	-0,069

**ERROR** There is no variation in your dependent variable(s).

### ▼ Multivariate Analysis of Variance

33 case(s) are deleted due to missing data.  
N of Cases Processed: 58

Dependent Variable Means																				
LOG CON D	LOG TUR B	LOG GO D	LOG COR	LOG ALC A	LOG DUR	LOG BICAR	LOG DBO	LOG DQO	LOG NO	LOG GS	LOG STD	LOG SST	LOG COT	LOG COD	LOGS ULFA	LOG CAT	LOG MGT	LOG NAT	LOG GK T	LOG PBT
2,236	2,164	1,741	2,667	2,054	1,781	2,053	1,055	2,152	0,714	2,755	2,631	2,048	1,579	1,494	0,725	0,959	0,566	0,976	1,072	-1,984

Dependent Variable Means (Contd.)					
LOGAST	LOGSET	LOGNIT	LOGFET	LOGFED	LOGSIS
-1,980	-2,000	-2,000	0,930	0,647	1,796

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGCOND	LOGTURB	LOGOD	LOGCOR	LOGALCA	LOGDUR	LOGBICAR	LOGDBO
CONSTANT	2,506	2,123	1,912	2,332	2,127	1,614	2,121	0,979
COLETA	-0,088	0,014	-0,056	0,110	-0,024	0,055	-0,022	0,025

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGDQO	LOGNO	LOGST	LOGSTD	LOGSST	LOGCOT	LOGCOD	LOGSULFA
CONSTANT	1,987	0,404	2,525	2,438	1,909	1,448	1,212	0,772
COLETA	0,054	0,102	0,076	0,063	0,046	0,043	0,093	-0,015

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGCAT	LOGMGT	LOGNAT	LOGKT	LOGPBT	LOGAST	LOGSET	LOGNIT
CONSTANT	1,255	0,796	1,444	1,272	-1,900	-2,000	-2,000	-2,000
COLETA	-0,097	-0,075	-0,153	-0,065	-0,027	0,007	0,000	0,000

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y			
Factor	LOGFET	LOGFED	LOGSIS
CONSTANT	0,737	0,389	1,949
COLETA	0,063	0,084	-0,050

**ERROR** There is no variation in your dependent variable(s).

### ▼ Multivariate Analysis of Variance

33 case(s) are deleted due to missing data.  
N of Cases Processed: 58

Dependent Variable Means																		
--------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

LOG CON D	LOG TUR B	LO GO D	LOG COR	LOG ALC A	LOG DUR	LOGB ICAR	LOG DBO	LOG DQO	LO GN O	LO GS T	LOG STD	LOG SST	LOG COT	LOG COD	LOGS ULFA	LOG CAT	LOG MGT	LOG NAT	LO GK T	LOG PBT
2,236	2,164	1,741	2,667	2,054	1,781	2,053	1,055	2,152	0,714	2,755	2,631	2,048	1,579	1,494	0,725	0,959	0,566	0,976	1,072	-1,984

Dependent Variable Means (Contd.)					
LOGAST	LOGSET	LOGNIT	LOGFET	LOGFED	LOGSIS
-1,980	-2,000	-2,000	0,930	0,647	1,796

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGCOND	LOGTURB	LOGOD	LOGCOR	LOGALCA	LOGDUR	LOGBICAR	LOGDBO
CONSTANT	2,092	2,016	1,684	2,510	2,006	1,725	2,003	1,095
EIXO	0,121	0,125	0,048	0,132	0,040	0,047	0,042	-0,034

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGDQO	LOGNO	LOGST	LOGSTD	LOGSST	LOGCOT	LOGCOD	LOGSULFA
CONSTANT	1,920	0,763	2,842	2,736	2,117	1,424	1,294	0,763
EIXO	0,195	-0,041	-0,073	-0,089	-0,058	0,131	0,168	-0,032

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGCAT	LOGMGT	LOGNAT	LOGKT	LOGPBT	LOGAST	LOGSET	LOGNIT
CONSTANT	0,648	0,314	0,950	0,880	-1,959	-1,950	-2,000	-2,000
EIXO	0,262	0,212	0,023	0,162	-0,020	-0,025	0,000	0,000

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y			
Factor	LOGFET	LOGFED	LOGSIS
CONSTANT	0,875	0,577	1,632
EIXO	0,046	0,059	0,138

**ERROR** There is no variation in your dependent variable(s).

## ▼ Multivariate Analysis of Variance

33 case(s) are deleted due to missing data.  
N of Cases Processed: 58

Dependent Variable Means																				
LOG CON D	LOG TUR B	LO GO D	LOG COR	LOG ALC A	LOG DUR	LOGB ICAR	LOG DBO	LOG DQO	LO GN O	LO GS T	LOG STD	LOG SST	LOG COT	LOG COD	LOGS ULFA	LOG CAT	LOG MGT	LOG NAT	LO GK T	LOG PBT
2,236	2,164	1,741	2,667	2,054	1,781	2,053	1,055	2,152	0,714	2,755	2,631	2,048	1,579	1,494	0,725	0,959	0,566	0,976	1,072	-1,984

Dependent Variable Means (Contd.)					
LOGAST	LOGSET	LOGNIT	LOGFET	LOGFED	LOGSIS
-1,980	-2,000	-2,000	0,930	0,647	1,796

Regression Coefficients B = (X'X) <sup>-1</sup> X'Y								
Factor	LOGCOND	LOGTURB	LOGOD	LOGCOR	LOGALCA	LOGDUR	LOGBICAR	LOGDBO
CONSTANT	2,431	2,298	1,774	2,684	2,169	1,856	2,171	0,995
PONTOS	-0,018	-0,012	-0,003	-0,002	-0,010	-0,007	-0,011	0,005

Regression Coefficients $B = (X'X)^{-1}X'Y$								
Factor	LOGDQO	LOGNO	LOGST	LOGSTD	LOGSST	LOGCOT	LOGCOD	LOGSULFA
CONSTANT	2,203	0,671	2,871	2,741	2,129	1,639	1,551	0,692
PONTOS	-0,005	0,004	-0,010	-0,010	-0,007	-0,005	-0,005	0,003

Regression Coefficients $B = (X'X)^{-1}X'Y$								
Factor	LOGCAT	LOGMGT	LOGNAT	LOGKT	LOGPBT	LOGAST	LOGSET	LOGNIT
CONSTANT	1,169	0,837	1,071	1,223	-1,992	-1,945	-2,000	-2,000
PONTOS	-0,019	-0,024	-0,009	-0,014	0,001	-0,003	0,000	0,000

Regression Coefficients $B = (X'X)^{-1}X'Y$			
Factor	LOGFET	LOGFED	LOGSIS
CONSTANT	0,868	0,528	1,929
PONTOS	0,006	0,011	-0,012

**ERROR** There is no variation in your dependent variable(s).