

▼ Multivariate Analysis of Variance

N of Cases Processed: 128

Dependent Variable Means				
ABUNDRIQ	DIVEREQUIT	DOMIN		
101,500	17,922	2,075	0,775	0,231

Regression Coefficients $B = (X'X)^{-1}X'Y$					
Factor	ABUNDRIQ	DIVEREQUIT	DOMIN		
CONSTANT	66,767	10,912	1,545	0,689	0,359
BIOTOPO	8,892	1,794	0,136	0,022	-0,033

Information Criteria	
AIC	1.969,852
AIC (Corrected)	1.982,597
Schwarz's BIC	2.041,153

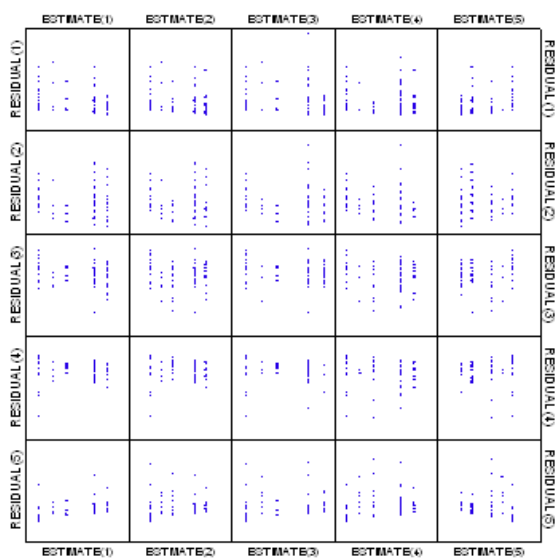
Multiple Correlations				
ABUNDRIQ	DIVEREQUIT	DOMIN		
0,139	0,286	0,341	0,202	0,291

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 128$, and $df = 126$

Adjusted R^2				
ABUNDRIQ	DIVEREQUIT	DOMIN		
0,012	0,075	0,109	0,033	0,077

Residuals have been saved.

Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
ABUND	1.354,334,423	2	677.167,212	47,073	0,000
Error	1.812.561,577	126	14.385,409		
RIQ	42.564,585	2	21.282,293	165,087	0,000
Error	16.243,415	126	128,916		
DIVER	559,513	2	279,757	557,665	0,000
Error	63,209	126	0,502		
EQUIT	77,109	2	38,554	942,785	0,000
Error	5,153	126	0,041		
DOMIN	7,289	2	3,645	87,527	0,000
Error	5,247	126	0,042		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	687,400	10, 244	0,000
Pillai Trace	1,112	30,794	10, 246	0,000
Hotelling-Lawley Trace	753,849	9.121,576	10, 242	0,000

THETA	SM	N	p-Value
0,999	2	1,000	60,000
			0,000

▼ File: Untitled1.syz

IMPORT successfully completed. Processed 10 variables and 128 cases.

▼ Multivariate Analysis of Variance

N of Cases Processed: 128

Dependent Variable Means				
ABUND	RIQ	DIVER	EQUIT	DOMIN
101,500	17,922	2,075	0,775	0,231

Regression Coefficients B = (X'X) ⁻¹ X'Y					
Factor	ABUND	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	174,976	23,722	2,191	0,706	0,246
COLETA	-30,836	-2,434	-0,049	0,029	-0,007

Information Criteria	
AIC	1.971,705
AIC (Corrected)	1.984,451
Schwarz's BIC	2.043,006

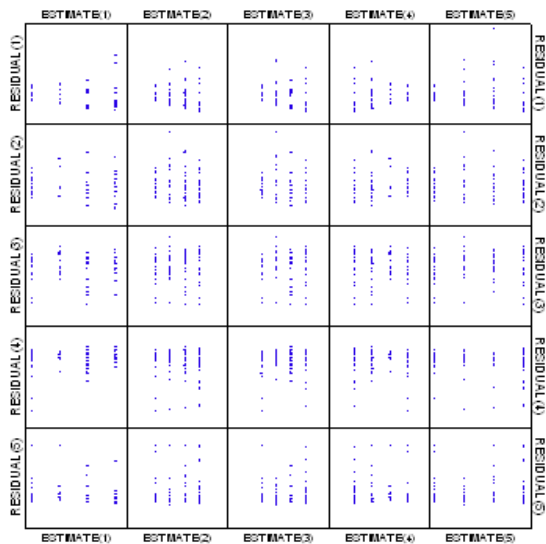
Multiple Correlations				
ABUND	RIQ	DIVER	EQUIT	DOMIN
0,285	0,230	0,072	0,157	0,034

Adjusted R² = 1-(1-R²)*(N-1)/df, where N = 128, and df = 126

Adjusted R ²				
ABUND	RIQ	DIVER	EQUIT	DOMIN
0,074	0,045	0,000	0,017	0,000

Residuals have been saved.

Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
ABUND	1.469.150,532	2	734.575,266	54,517	0,000
Error	1.697.745,468	126	13.474,170		
RIQ	42.050,315	2	21.025,157	158,087	0,000
Error	16.757,685	126	132,998		
DIVER	551,595	2	275,797	488,568	0,000
Error	71,127	126	0,565		
EQUIT	77,023	2	38,511	926,236	0,000
Error	5,239	126	0,042		
DOMIN	6,812	2	3,406	74,972	0,000
Error	5,724	126	0,045		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	682,264	10, 244	0,000
Pillai Trace	1,099	29,991	10, 246	0,000
Hotelling-Lawley Trace	753,951	9.122,805	10, 242	0,000

THETAS	M	N	p-Value
0,999	2	1,000	60,000
			0,000

▼ File: Untitled1.syz

IMPORT successfully completed. Processed 10 variables and 128 cases.

▼ Multivariate Analysis of Variance

N of Cases Processed: 128

Dependent Variable Means				
ABUNDRIQ	DIVEREQUIT	DOMIN		
101,500	17,922	2,075	0,775	0,231

Regression Coefficients B = (X'X) ⁻¹ X'Y					
Factor	ABUNDRIQ	DIVEREQUIT	DOMIN		
CONSTANT	174,976	23,722	2,191	0,706	0,246
COLETA	-30,836	-2,434	-0,049	0,029	-0,007

Information Criteria	
AIC	1.971,705
AIC (Corrected)	1.984,451
Schwarz's BIC	2.043,006

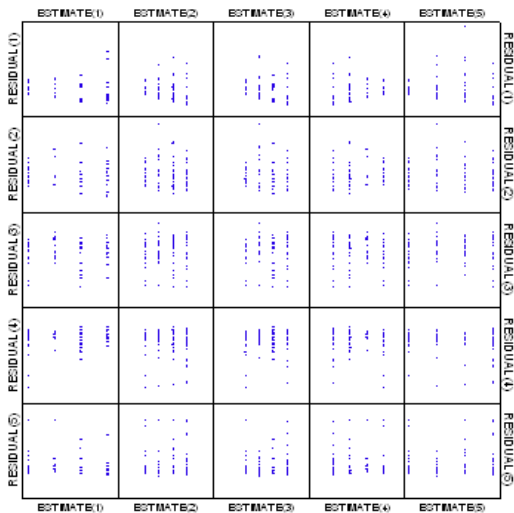
Multiple Correlations				
ABUNDRIQ	DIVEREQUIT	DOMIN		
0,285	0,230	0,072	0,157	0,034

Adjusted R² = 1-(1-R²)*(N-1)/df, where N = 128, and df = 126

Adjusted R ²				
ABUNDRIQ	DIVEREQUIT	DOMIN		
0,074	0,045	0,000	0,017	0,000

Residuals have been saved.

Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
ABUND	1.469,150,532	2	734.575,266	54,517	0,000
Error	1.697.745,468	126	13.474,170		
RIQ	42.050,315	2	21.025,157	158,087	0,000
Error	16.757,685	126	132,998		
DIVER	551,595	2	275,797	488,568	0,000
Error	71,127	126	0,565		
EQUIT	77,023	2	38,511	926,236	0,000
Error	5,239	126	0,042		
DOMIN	6,812	2	3,406	74,972	0,000
Error	5,724	126	0,045		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	682,264	10, 244	0,000
Pillai Trace	1,099	29,991	10, 246	0,000
Hotelling-Lawley Trace	753,951	9.122,805	10, 242	0,000

THETA	SM	N	p-Value
0,999	2	1,000	60,000
			0,000

▼ Multivariate Analysis of Variance

N of Cases Processed: 128

Dependent Variable Means				
ABUND	RIQ	DIVER	EQUIT	DOMIN
101,500	17,922	2,075	0,775	0,231

Regression Coefficients $B = (X'X)^{-1}X'Y$					
Factor	ABUND	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	137,996	17,990	2,030	0,791	0,211
EIXO	-28,836	-0,054	0,036	-0,012	0,015

Information Criteria	
AIC	1.980,353
AIC (Corrected)	1.993,098
Schwarz's BIC	2.051,654

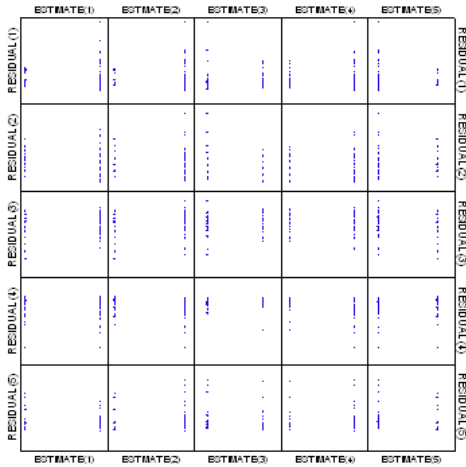
Multiple Correlations				
ABUND	RIQ	DIVER	EQUIT	DOMIN
0,106	0,002	0,021	0,027	0,032

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 128$, and $df = 126$

Adjusted R^2				
ABUND	RIQ	DIVER	EQUIT	DOMIN
0,003	0,000	0,000	0,000	0,000

Residuals have been saved.

Plot of Residuals vs. Predicted Values



▼ Hypothesis Tests

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
ABUND	1.339,449,952	2	669,724,976	46,177	0,000
Error	1.827,446,048	126	14,503,540		
RIQ	41,112,854	2	20,556,427	146,374	0,000
Error	17,695,146	126	140,438		
DIVER	551,253	2	275,627	485,930	0,000
Error	71,469	126	0,567		
EQUIT	76,894	2	38,447	902,559	0,000
Error	5,367	126	0,043		
DOMIN	6,811	2	3,405	74,947	0,000
Error	5,725	126	0,045		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	658,792	10, 244	0,000
Pillai Trace	1,037	26,496	10, 246	0,000
Hotelling-Lawley Trace	752,896	9,110,037	10, 242	0,000

THETA	SM	N	p-Value
0,999	2	1,000	60,000

IMPORT successfully completed. Processed 10 variables and 128 cases.

▼ Multivariate Analysis of Variance

N of Cases Processed: 128

Dependent Variable Means				
ABUNDRIQ	DIVEREQUIT	DOMIN		
101,500	17,922	2,075	0,775	0,231

Regression Coefficients $B = (X'X)^{-1}X'Y$					
Factor	ABUNDRIQ	DIVEREQUIT	DOMIN		
CONSTANT	174,976	23,722	2,191	0,706	0,246
COLETA	-30,836	-2,434	-0,049	0,029	-0,007

Information Criteria	
AIC	1.971,705
AIC (Corrected)	1.984,451
Schwarz's BIC	2.043,006

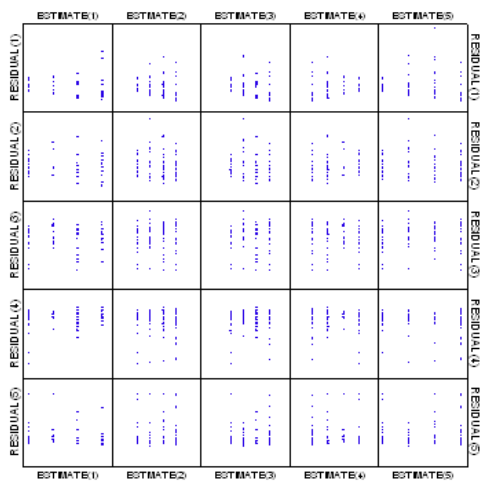
Multiple Correlations				
ABUNDRIQ	DIVEREQUIT	DOMIN		
0,285	0,230	0,072	0,157	0,034

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 128$, and $df = 126$

Adjusted R^2				
ABUNDRIQ	DIVEREQUIT	DOMIN		
0,074	0,045	0,000	0,017	0,000

Residuals have been saved.

Plot of Residuals vs. Predicted Values



Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
ABUND	1.469.150,532	2	734.575,266	54,517	0,000
Error	1.697.745,468	126	13.474,170		
RIQ	42.050,315	2	21.025,157	158,087	0,000
Error	16.757,685	126	132,998		
DIVER	551,595	2	275,797	488,568	0,000
Error	71,127	126	0,565		
EQUIT	77,023	2	38,511	926,236	0,000
Error	5,239	126	0,042		
DOMIN	6,812	2	3,406	74,972	0,000
Error	5,724	126	0,045		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	682,264	10, 244	0,000
Pillai Trace	1,099	29,991	10, 246	0,000
Hotelling-Lawley Trace	753,951	9.122,805	10, 242	0,000

THETA	SM	N	p-Value	
0,999	2	1,000	60,000	0,000

▼ Multivariate Analysis of Variance

N of Cases Processed: 128

Dependent Variable Means				
ABUND	RIQ	DIVER	EQUIT	DOMIN
101,500	17,922	2,075	0,775	0,231

Regression Coefficients $B = (X'X)^{-1}X'Y$					
Factor	ABUND	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	137,996	17,990	2,030	0,791	0,211
EIXO	-28,836	-0,054	0,036	-0,012	0,015

Information Criteria	
AIC	1.980,353
AIC (Corrected)	1.993,098
Schwarz's BIC	2.051,654

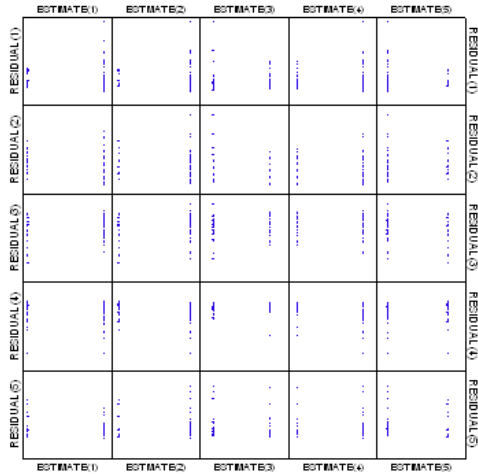
Multiple Correlations				
ABUND	RIQ	DIVER	EQUIT	DOMIN
0,106	0,002	0,021	0,027	0,032

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 128$, and $df = 126$

Adjusted R^2				
ABUND	RIQ	DIVER	EQUIT	DOMIN
0,003	0,000	0,000	0,000	0,000

Residuals have been saved.

Plot of Residuals vs. Predicted Values



▼ Hypothesis

Tests

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
ABUND	1.339,449,952	2	669,724,976	46,177	0,000
Error	1.827,446,048	126	14,503,540		
RIQ	41,112,854	2	20,556,427	146,374	0,000
Error	17,695,146	126	140,438		
DIVER	551,253	2	275,627	485,930	0,000
Error	71,469	126	0,567		
EQUIT	76,894	2	38,447	902,559	0,000
Error	5,367	126	0,043		
DOMIN	6,811	2	3,405	74,947	0,000
Error	5,725	126	0,045		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	658,792	10, 244	0,000
Pillai Trace	1,037	26,496	10, 246	0,000
Hotelling-Lawley Trace	752,896	9,110,037	10, 242	0,000

THETA	SM	N	p-Value
0,999	2	1,000	60,000
			0,000

▼ Multivariate

Analysis

of

Variance

N of Cases Processed: 128

Dependent Variable Means				
ABUND	RIQ	DIVER	EQUIT	DOMIN
101,500	17,922	2,075	0,775	0,231

Regression Coefficients $B = (X'X)^{-1}X'Y$					
Factor	ABUNDRIQ	DIVER	EQUIT	DOMIN	
CONSTANT	49,829	11,136	1,707	0,732	0,312
PTS	3,078	0,404	0,022	0,003	-0,005

Information Criteria	
AIC	1.970,256
AIC (Corrected)	1.983,001
Schwarz's BIC	2.041,556

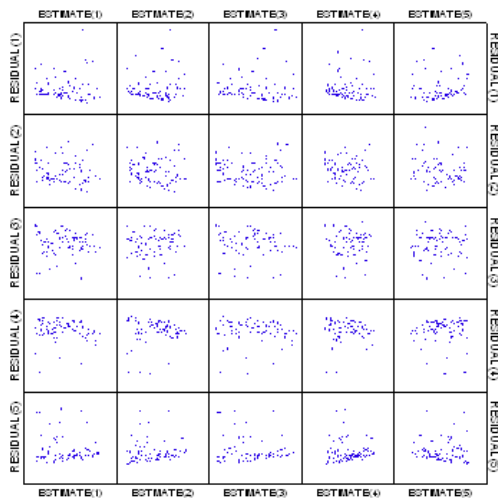
Multiple Correlations					
ABUNDRIQ	DIVER	EQUIT	DOMIN		
0,247	0,331	0,283	0,120	0,222	

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 128$, and $df = 126$

Adjusted R^2					
ABUNDRIQ	DIVER	EQUIT	DOMIN		
0,053	0,103	0,073	0,007	0,042	

Residuals have been saved.

Plot of Residuals vs. Predicted Values



▼ Hypothesis

Tests

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
ABUND	1.431.226,897	2	715.613,448	51,950	0,000
Error	1.735.669,103	126	13.775,152		
RIQ	43.053,490	2	21.526,745	172,165	0,000
Error	15.754,510	126	125,036		
DIVER	556,947	2	278,474	533,453	0,000
Error	65,775	126	0,522		
EQUIT	76,967	2	38,484	915,910	0,000
Error	5,294	126	0,042		

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
DOMIN	7,087	2	3,544	81,951	0,000
Error	5,448	126	0,043		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	686,278	10, 244	0,000
Pillai Trace	1,116	31,039	10, 246	0,000
Hotelling-Lawley Trace	748,156	9.052,687	10, 242	0,000

THETAS	M	N	p-Value
0,999	2	1,000	60,000