

▼ Multivariate Analysis of Variance

2 case(s) are deleted due to missing data.
N of Cases Processed: 106

Dependent Variable				
Means				
RIQ	DIVER	EQUIT	DOMIN	
3,837	0,387	0,217	0,114	

Regression Coefficients $B = (X'X)^{-1}X'Y$				
Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	3,697	0,383	0,222	0,110
BIOTOPO	0,033	0,001	-0,001	0,001

Information Criteria	
AIC	-1.048,235
AIC (Corrected)	-1.040,372
Schwarz's BIC	-1.000,293

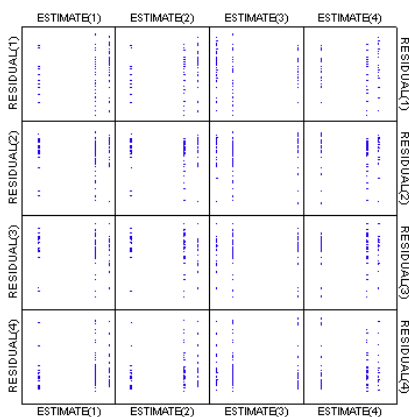
Multiple Correlations				
RIQ	DIVER	EQUIT	DOMIN	
0,079	0,020	0,042	0,026	

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 106$, and $df = 104$

Adjusted R^2				
RIQ	DIVER	EQUIT	DOMIN	
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
RIQ	1.561,384	2	780,692	1.118,103	0,000

Univariate F-Tests					
Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
Error	72,616	104	0,698		
DIVER	15,915	2	7,958	638,024	0,000
Error	1,297	104	0,012		
EQUIT	5,005	2	2,503	855,063	0,000
Error	0,304	104	0,003		
DOMIN	1,368	2	0,684	178,420	0,000
Error	0,399	104	0,004		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	805,834	8, 202	0,000
Pillai Trace	1,009	25,949	8, 204	0,000
Hotelling-Lawley Trace	1.071,887	13.398,591	8, 200	0,000

THETA	S	N	p-Value
0,999	2	0,50049,500	0,000

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Dependent Variable Means				
RIQ	DIVER	EQUIT	DOMIN	
3,837	0,387	0,217	0,114	

Regression Coefficients B = (X'X) ⁻¹ X'Y				
Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	3,619	0,379	0,206	0,118
COLETA	0,088	0,003	0,004	-0,002

Information Criteria	
AIC	-1.052,566
AIC (Corrected)	-1.044,704
Schwarz's BIC	-1.004,624

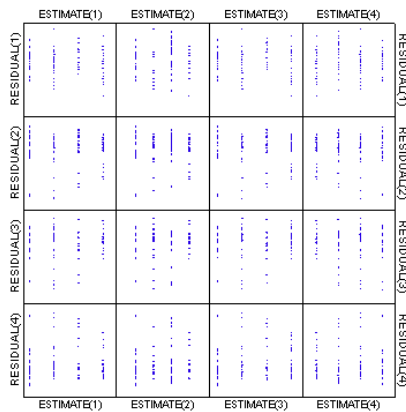
Multiple Correlations			
RIQ	DIVER	EQUIT	DOMIN
0,118	0,032	0,092	0,034

Adjusted R² = 1-(1-R²)*(N-1)/df, where N = 106, and df = 104

Adjusted R ²			
RIQ	DIVER	EQUIT	DOMIN
0,004	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
RIQ	1,561,950	2	780,975	1.127,295	0,000
Error	72,050	104	0,693		
DIVER	15,916	2	7,958	638,481	0,000
Error	1,296	104	0,012		
EQUIT	5,007	2	2,504	861,143	0,000
Error	0,302	104	0,003		
DOMIN	1,369	2	0,684	178,521	0,000
Error	0,399	104	0,004		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	822,989	8, 202	0,000
Pillai Trace	1,070	29,317	8, 204	0,000
Hotelling-Lawley Trace	1.047,942	13.099,277	8, 200	0,000

THETA	SM	N	p-Value	
0,999	2	0,500	49,500	0,000

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Dependent Variable Means			
RIQ	DIVER	EQUIT	DOMIN
3,837	0,387	0,217	0,114

Regression Coefficients B = (X'X) ⁻¹ X'Y				
Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	3,246	0,351	0,211	0,131
EIXO	0,468	0,029	0,005	-0,014

Information Criteria	
AIC	-1.052,344
AIC (Corrected)	-1.044,482
Schwarz's BIC	-1.004,402

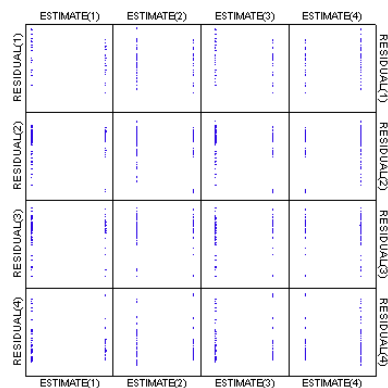
Multiple Correlations			
RIQ	DIVER	EQUIT	DOMIN
0,248	0,114	0,042	0,101

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 106$, and $df = 104$

Adjusted R^2			
RIQ	DIVER	EQUIT	DOMIN
0,053	0,004	0,000	0,001

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
RIQ	1,565,439	2	782,720	1.187,312	0,000
Error	68,561	104	0,659		
DIVER	15,932	2	7,966	646,886	0,000
Error	1,281	104	0,012		
EQUIT	5,005	2	2,503	855,023	0,000
Error	0,304	104	0,003		
DOMIN	1,372	2	0,686	180,630	0,000
Error	0,395	104	0,004		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	822,101	8, 202	0,000
Pillai Trace	1,077	29,729	8, 204	0,000
Hotelling-Lawley Trace	1.037,936	12.974,205	8, 200	0,000

THETA	SM	N	p-Value
0,999	2	0,50049,500	0,000

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Means				
RIQ	DIVER	EQUIT	DOMIN	
3,837	0,387	0,217	0,114	

Regression Coefficients $B = (X'X)^{-1}X'Y$				
Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	3,863	0,382	0,215	0,113
PTS	-0,002	0,000	0,000	0,000

Information Criteria	
AIC	-1.048,543
AIC (Corrected)	-1.040,681
Schwarz's BIC	-1.000,601

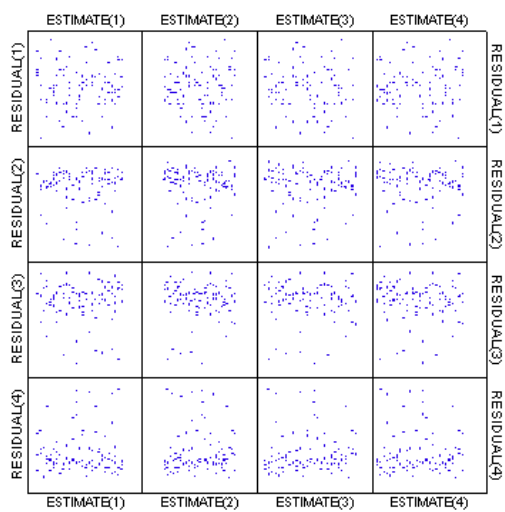
Multiple Correlations				
RIQ	DIVER	EQUIT	DOMIN	
0,018	0,027	0,024	0,006	

Adjusted $R^2 = 1 - (1 - R^2) * (N - 1) / df$, where $N = 106$, and $df = 104$

Adjusted R^2				
RIQ	DIVER	EQUIT	DOMIN	
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
RIQ	1.560,951	2	780,476	1.111,167	0,000
Error	73,049	104	0,702		
DIVER	15,916	2	7,958	638,273	0,000
Error	1,297	104	0,012		
EQUIT	5,005	2	2,502	853,975	0,000
Error	0,305	104	0,003		
DOMIN	1,368	2	0,684	178,270	0,000
Error	0,399	104	0,004		

Multivariate Test Statistics				
Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,001	807,045	8, 202	0,000
Pillai Trace	1,007	25,854	8, 204	0,000
Hotelling-Lawley Trace	1.077,007	13.462,588	8, 200	0,000

THETA	M	N	p-Value
0,999	2	0,50049,500	0,000