▼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
4,874	0,355	0,240	0,131

Regression Coefficients B = (X'X)$^{-1}$X'Y

Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	5,655	0,389	0,253	0,112
BIOTOPO	-0,186	-0,008	-0,003	0,005

Information Criteria

AIC	-1.321,354
AIC (Corrected)	-1.313,492
Schwarz's BIC	-1.273,412
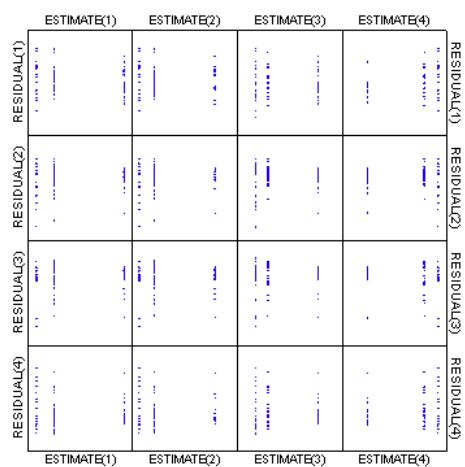
Multiple Correlations

RIQ	DIVER	EQUIT	DOMIN
0,384	0,232	0,152	0,199

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

Adjusted R^2

RIQ	DIVER	EQUIT	DOMIN
0,140	0,045	0,014	0,031

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	2.532,616	2	1.266,308	1.618,213	0,000

Univariate F-Tests

Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
Error	81,384	104	0,783		
DIVER	13,417	2	6,708	1.508,901	0,000
Error	0,462	104	0,004		
EQUIT	6,085	2	3,042	1.672,207	0,000
Error	0,189	104	0,002		
DOMIN	1,829	2	0,914	472,518	0,000
Error	0,201	104	0,002		

Multivariate Test Statistics

Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,000	1.615,539	8, 202	0,000
Pillai Trace	1,146	34,237	8, 204	0,000
Hotelling-Lawley Trace	3.603,026	45.037,819	8, 200	0,000

THETA	S	M	N	p-Value
1,000	2	0,500	49,500	0,000

▼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
4,874	0,355	0,240	0,131

Regression Coefficients B = (X'X)⁻¹X'Y

$$B = (X'X)^{-1}X'Y$$

Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	4,545	0,320	0,219	0,152
COLETA	0,132	0,014	0,008	-0,009

Information Criteria

AIC	-1.310,526
AIC (Corrected)	-1.302,664
Schwarz's BIC	-1.262,585
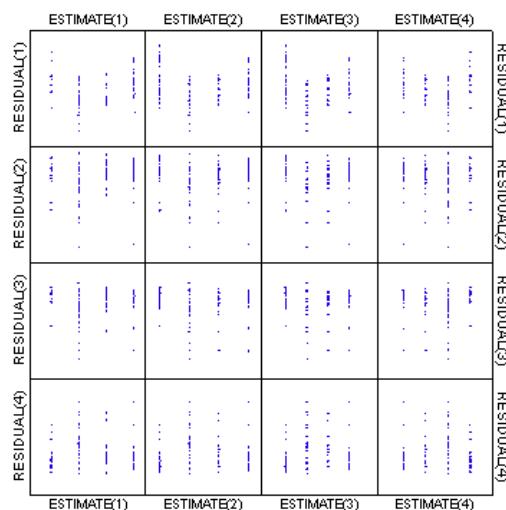
Multiple Correlations

RIQ	DIVER	EQUIT	DOMIN
0,156	0,234	0,214	0,216

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

Adjusted R^2

RIQ	DIVER	EQUIT	DOMIN
0,015	0,045	0,037	0,037

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	2.520,834	2	1.260,417	1.406,990	0,000
Error	93,166	104	0,896		
DIVER	13,417	2	6,709	1.510,168	0,000
Error	0,462	104	0,004		
EQUIT	6,089	2	3,045	1.713,105	0,000
Error	0,185	104	0,002		
DOMIN	1,830	2	0,915	476,261	0,000
Error	0,200	104	0,002		

Multivariate Test Statistics

Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,000	1.533,841	8, 202	0,000
Pillai Trace	1,053	28,349	8, 204	0,000
Hotelling-Lawley Trace	3.608,851	45.110,642	8, 200	0,000

THETA	S	M	N	p-Value
1,000	2	0,500	49,500	0,000

▼ 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
4,874	0,355	0,240	0,131

Regression Coefficients B = (X'X)⁻¹X'Y

Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	5,026	0,352	0,224	0,135
EIXO	-0,120	0,002	0,012	-0,003

Information Criteria

AIC	-1.312,261
AIC (Corrected)	-1.304,399
Schwarz's BIC	-1.264,319
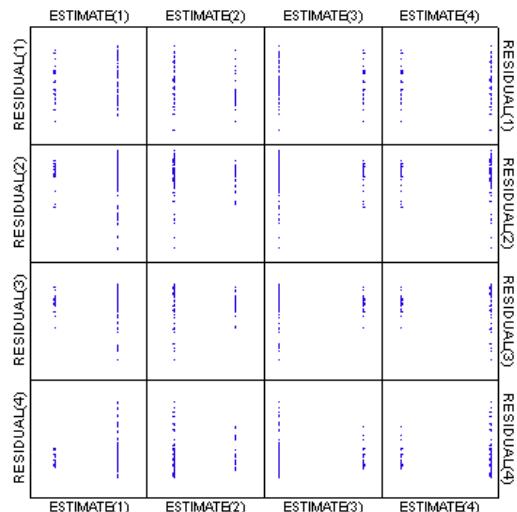
Multiple Correlations

RIQ	DIVER	EQUIT	DOMIN
0,056	0,015	0,125	0,034

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	0,006	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	2.518,805	2	1.259,402	1.375,889	0,000
Error	95,195	104	0,915		
DIVER	13,391	2	6,695	1.425,241	0,000
Error	0,489	104	0,005		
EQUIT	6,083	2	3,042	1.658,957	0,000
Error	0,191	104	0,002		

Univariate F-Tests

Source	Type III SS	df	Mean Squares	F-Ratio	p-Value
DOMIN	1,821	2	0,910	452,226	0,000
Error	0,209	104	0,002		

Multivariate Test Statistics

Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,000	1.546,650	8, 202	0,000
Pillai Trace	1,066	29,105	8, 204	0,000
Hotelling-Lawley Trace	3.617,652	45.220,650	8, 200	0,000

THETA	S	M	N	p-Value
1,000	2	0,500	49,500	0,000

▼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
4,874	0,355	0,240	0,131

Regression Coefficients B = (X'X)$^{-1}$X'Y

Factor	RIQ	DIVER	EQUIT	DOMIN
CONSTANT	5,332	0,360	0,239	0,129
PTS	-0,033	0,000	0,000	0,000

Information Criteria

AIC	-1.311,861
AIC (Corrected)	-1.303,998
Schwarz's BIC	-1.263,919
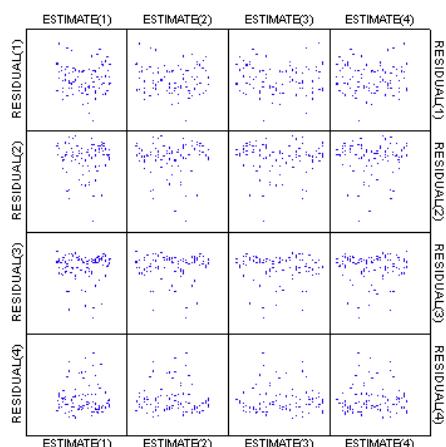
Multiple Correlations

RIQ	DIVER	EQUIT	DOMIN
0,270	0,042	0,005	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
0,064	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	2.525,459	2	1.262,729	1.483,193	0,000
Error	88,541	104	0,851		
DIVER	13,392	2	6,696	1.427,451	0,000
Error	0,488	104	0,005		
EQUIT	6,080	2	3,040	1.632,366	0,000
Error	0,194	104	0,002		
DOMIN	1,821	2	0,910	451,990	0,000
Error	0,209	104	0,002		

Multivariate Test Statistics

Statistic	Value	F-Ratio	df	p-Value
Wilks's Lambda	0,000	1.543,683	8, 202	0,000
Pillai Trace	1,079	29,873	8, 204	0,000
Hotelling-Lawley Trace	3.553,993	44.424,910	8, 200	0,000

THETA	S	M	N	p-Value
1,000	2	0,500	49,500	0,000