Univariate Multiple Regression Statistics for Predicting the atmospheric pollutant from the climatic condition's

Raw Regression Coefficients			
	O3	PM2.5	PM10
VViento	8.309148645	-3.574581323	-6.298908190
HAire10	-1.161661219	-0.503395808	-0.776729370
TAire10	-0.676240950	0.186798419	0.089665286

Canonical Correlation Analysis

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)				Test of H0: The canonical correlations in the current row and all that follow are zero				
					Eigenvalue	Difference	Proportion	Cumulative	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.757184	0.755225	0.018747	0.573327	1.3437	1.2414	0.9250	0.9250	0.38450883	66.74	9	1248.7	<.0001
2	0.304713	0.299309	0.039858	0.092850	0.1024	0.0957	0.0705	0.9954	0.90117976	13.72	4	1028	<.0001
3	0.081124	.	0.043648	0.006581	0.0066		0.0046	1.0000	0.99341897	3.41	1	515	0.0653

Multivariate Statistics and F Approximations					
S=3 M=-0.5 N=255.5					
Statistic	Value	F Value	Num DF	Den DF	Pr > F
Wilks' Lambda	0.38450883	66.74	9	1248.7	<.0001
Pillai's Trace	0.67275856	49.63	9	1545	<.0001
Hotelling-Lawley Trace	1.45269518	82.69	9	802.97	<.0001
Roy's Greatest Root	1.34371672	230.67	3	515	<.0001
NOTE: F Statistic for Roy's Greatest Root is an upper bound.					

Canonical Correlation Analysis

Raw Canonical Coefficients for the climatic condition's		
		V1
VViento	VViento	0.7677338004
HAire10	HAire10	-0.1947341
TAire10	TAire10	-0.140320986

Raw Canonical Coefficients for the atmospheric pollutant		
		W1
O3	O3	0.1081585482
PM2.5	PM2.5	-0.276833715
PM10	PM10	0.2074890537

Canonical Correlation Analysis

Standardized Canonical Coefficients for the climatic condition's		
		V1
VViento	VViento	0.1268
HAire10	HAire10	-1.0572
TAire10	TAire10	-0.1563

Standardized Canonical Coefficients for the atmospheric pollutant		
		W1
O3	O3	0.9915
PM2.5	PM2.5	-1.5703
PM10	PM10	1.5822

Canonical Structure

Correlations Between the climatic condition's and Their Canonical Variables		
		V1
VViento	VViento	0.3829
HAire10	HAire10	-0.9852
TAire10	TAire10	0.5764

Correlations Between the atmospheric pollutant and Their Canonical Variables		
		W1
O3	O3	0.9083
PM2.5	PM2.5	0.6021
PM10	PM10	0.6605

Correlations Between the climatic condition's and the Canonical Variables of the atmospheric pollutant		
		W1
VViento	VViento	0.2899
HAire10	HAire10	-0.7460
TAire10	TAire10	0.4365

Correlations Between the atmospheric pollutant and the Canonical Variables of the climatic condition's		
		V1
O3	O3	0.6878
PM2.5	PM2.5	0.4559
PM10	PM10	0.5001

Canonical Redundancy Analysis

Raw Variance of the climatic condition's Explained by					
Canonical Variable Number	Their Own Canonical Variables		Canonical R-Square	The Opposite Canonical Variables	
	Proportion	Cumulative Proportion		Proportion	Cumulative Proportion
1	0.9441	0.9441	0.5733	0.5413	0.5413

Raw Variance of the atmospheric pollutant Explained by					
Canonical Variable Number	Their Own Canonical Variables		Canonical R-Square	The Opposite Canonical Variables	
	Proportion	Cumulative Proportion		Proportion	Cumulative Proportion
1	0.6100	0.6100	0.5733	0.3497	0.3497

Canonical Redundancy Analysis

Standardized Variance of the climatic condition's Explained by					
Canonical Variable Number	Their Own Canonical Variables		Canonical R-Square	The Opposite Canonical Variables	
	Proportion	Cumulative Proportion		Proportion	Cumulative Proportion
1	0.4831	0.4831	0.5733	0.2770	0.2770

Standardized Variance of the atmospheric pollutant Explained by					
Canonical Variable Number	Their Own Canonical Variables		Canonical R-Square	The Opposite Canonical Variables	
	Proportion	Cumulative Proportion		Proportion	Cumulative Proportion
1	0.5413	0.5413	0.5733	0.3103	0.3103

Canonical Redundancy Analysis

Squared Multiple Correlations Between the climatic condition's and the First M Canonical Variables of the atmospheric pollutant		
M		1

Squared Multiple Correlations Between the climatic condition's and the First M Canonical Variables of the atmospheric pollutant		
M		1
VViento	VViento	0.0840
HAire10	HAire10	0.5565
TAire10	TAire10	0.1905

Squared Multiple Correlations Between the atmospheric pollutant and the First M Canonical Variables of the climatic condition's		
M		1
O3	O3	0.4730
PM2.5	PM2.5	0.2079
PM10	PM10	0.2501