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

Raw Regression Coefficients				
	O3	PM2.5	SO2	PM10
VViento	9.978442123	0.282576026	0.072842619	-4.036748305
HAire10	-0.227647702	-0.407589320	-0.002386976	-0.908706430
TAire10	2.124298260	-0.177637614	0.033086075	-0.763093644

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	0.658451	0.653520	0.025963	0.433558	0.7654	0.5308	0.7634	0.7634	0.45757533	35.63	12	1243.8	<.0001
2	0.435902	0.432097	0.037126	0.190010	0.2346	0.2319	0.2340	0.9973	0.80780663	17.68	6	942	<.0001
3	0.051914	0.032403	0.045711	0.002695	0.0027		0.0027	1.0000	0.99730492	0.64	2	472	0.5289

Multivariate Statistics and F Approximations					
S=3 M=0 N=234					
Statistic	Value	F Value	Num DF	Den DF	Pr > F
Wilks' Lambda	0.45757533	35.63	12	1243.8	<.0001
Pillai's Trace	0.62626380	31.13	12	1416	<.0001
Hotelling-Lawley Trace	1.00269295	39.20	12	818.2	<.0001
Roy's Greatest Root	0.76540687	90.32	4	472	<.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	-0.348418307
HAire10	HAire10	-0.192827268
TAire10	TAire10	0.0496710154

Raw Canonical Coefficients for the atmospheric pollutant		
		W1
O3	O3	0.0810702672
PM2.5	PM2.5	-0.259307009
SO2	SO2	-0.162313805
PM10	PM10	0.2361490329

Canonical Correlation Analysis

Standardized Canonical Coefficients for the climatic condition's		
		V1
VViento	VViento	-0.0833
HAire10	HAire10	-1.0020
TAire10	TAire10	0.0528

Standardized Canonical Coefficients for the atmospheric pollutant		
		W1
O3	O3	0.7291
PM2.5	PM2.5	-1.4339
SO2	SO2	-0.0913

Standardized Canonical Coefficients for the atmospheric pollutant		
		W1
PM10	PM10	1.8277

Canonical Structure

Correlations Between the climatic condition's and Their Canonical Variables		
		V1
VViento	VViento	0.5112
HAire10	HAire10	-0.9975
TAire10	TAire10	0.8166

Correlations Between the atmospheric pollutant and Their Canonical Variables		
		W1
O3	O3	0.7163
PM2.5	PM2.5	0.5474
SO2	SO2	0.1349
PM10	PM10	0.6976

Correlations Between the climatic condition's and the Canonical Variables of the atmospheric pollutant		
		W1
VViento	VViento	0.3366
HAire10	HAire10	-0.6568
TAire10	TAire10	0.5377

Correlations Between the atmospheric pollutant and the Canonical Variables of the climatic condition's		
		V1
O3	O3	0.4717
PM2.5	PM2.5	0.3604
SO2	SO2	0.0888
PM10	PM10	0.4593

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	0.9804	0.9804	0.4336	0.4251	0.4251

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	0.4649	0.4649	0.4336	0.2016	0.2016

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	0.6411	0.6411	0.4336	0.2779	0.2779

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	0.3294	0.3294	0.4336	0.1428	0.1428

Canonical Redundancy Analysis

Squared Multiple Correlations Between the climatic condition's and the First M Canonical Variables of the atmospheric pollutant		
M		1
VViento	VViento	0.1133
HAire10	HAire10	0.4314
TAire10	TAire10	0.2891

Squared Multiple Correlations Between the atmospheric pollutant and the First M Canonical Variables of the climatic condition's		
M		1
O3	O3	0.2225
PM2.5	PM2.5	0.1299
SO2	SO2	0.0079
PM10	PM10	0.2110