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	0.784797	0.782158	0.020160	0.615906	1.6035	1.2873	0.8223	0.8223	0.28325702	65.76	9	871.43	<.0001
2	0.490163	0.487004	0.039876	0.240260	0.3162	0.2860	0.1622	0.9845	0.73746822	29.52	4	718	<.0001
3	0.171218	.	0.050948	0.029316	0.0302		0.0155	1.0000	0.97068442	10.87	1	360	0.0011

Multivariate Statistics and F Approximations					
S=3 M=-0.5 N=178					
Statistic	Value	F Value	Num DF	Den DF	Pr > F
Wilks' Lambda	0.28325702	65.76	9	871.43	<.0001
Pillai's Trace	0.88548126	50.25	9	1080	<.0001
Hotelling-Lawley Trace	1.94997017	77.41	9	559.4	<.0001
Roy's Greatest Root	1.60353025	192.42	3	360	<.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	0.5221910497
HAire10	HAire10	-0.182916163
TAire10	TAire10	-0.313841348

Raw Canonical Coefficients for the atmospheric pollutant		
		W1
O3	O3	0.1376670363
PM2.5	PM2.5	-0.169837263
PM10	PM10	0.1150696697

Canonical Correlation Analysis

Standardized Canonical Coefficients for the climatic condition's		
		V1
VViento	VViento	0.1348
HAire10	HAire10	-1.1348
TAire10	TAire10	-0.3580

Standardized Canonical Coefficients for the atmospheric pollutant		
		W1
O3	O3	1.0937
PM2.5	PM2.5	-0.8624
PM10	PM10	0.7595

Canonical Structure

Correlations Between the climatic condition's and Their Canonical Variables		
		V1
VViento	VViento	0.5998
HAire10	HAire10	-0.9611
TAire10	TAire10	0.4789

Correlations Between the atmospheric pollutant and Their Canonical Variables		
		W1
O3	O3	0.9651

Correlations Between the atmospheric pollutant and Their Canonical Variables		
		W1
PM2.5	PM2.5	0.4005
PM10	PM10	0.3818

Correlations Between the climatic condition's and the Canonical Variables of the atmospheric pollutant		
		W1
VViento	VViento	0.4707
HAire10	HAire10	-0.7542
TAire10	TAire10	0.3759

Correlations Between the atmospheric pollutant and the Canonical Variables of the climatic condition's		
		V1
O3	O3	0.7574
PM2.5	PM2.5	0.3143
PM10	PM10	0.2996

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	0.9000	0.9000	0.6159	0.5543	0.5543

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	0.5229	0.5229	0.6159	0.3221	0.3221

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	0.5043	0.5043	0.6159	0.3106	0.3106

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	0.4125	0.4125	0.6159	0.2541	0.2541

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	0.2216
HAire10	HAire10	0.5689
TAire10	TAire10	0.1413

Squared Multiple Correlations Between the atmospheric pollutant and the First M Canonical Variables of the climatic condition's		
M		1
O3	O3	0.5736

Squared Multiple Correlations Between the atmospheric pollutant and the First M Canonical Variables of the climatic condition's		
M		1
PM2.5	PM2.5	0.0988
PM10	PM10	0.0898