

Correlation Matrix Report

Dataset C:\Users\Dr_Ia\Desktop\BrokenHillESRegressionData.NCSS

Pearson Correlation Report

Row-Wise Missing Value Deletion

Variables	Distance	PC	BE	SCEO	ES
Distance	1.0000	0.7497	0.4509	-0.0757	0.4928
PC	0.7497	1.0000	0.8281	0.3919	0.8946
BE	0.4509	0.8281	1.0000	0.6896	0.9410
SCEO	-0.0757	0.3919	0.6896	1.0000	0.7576
ES	0.4928	0.8946	0.9410	0.7576	1.0000

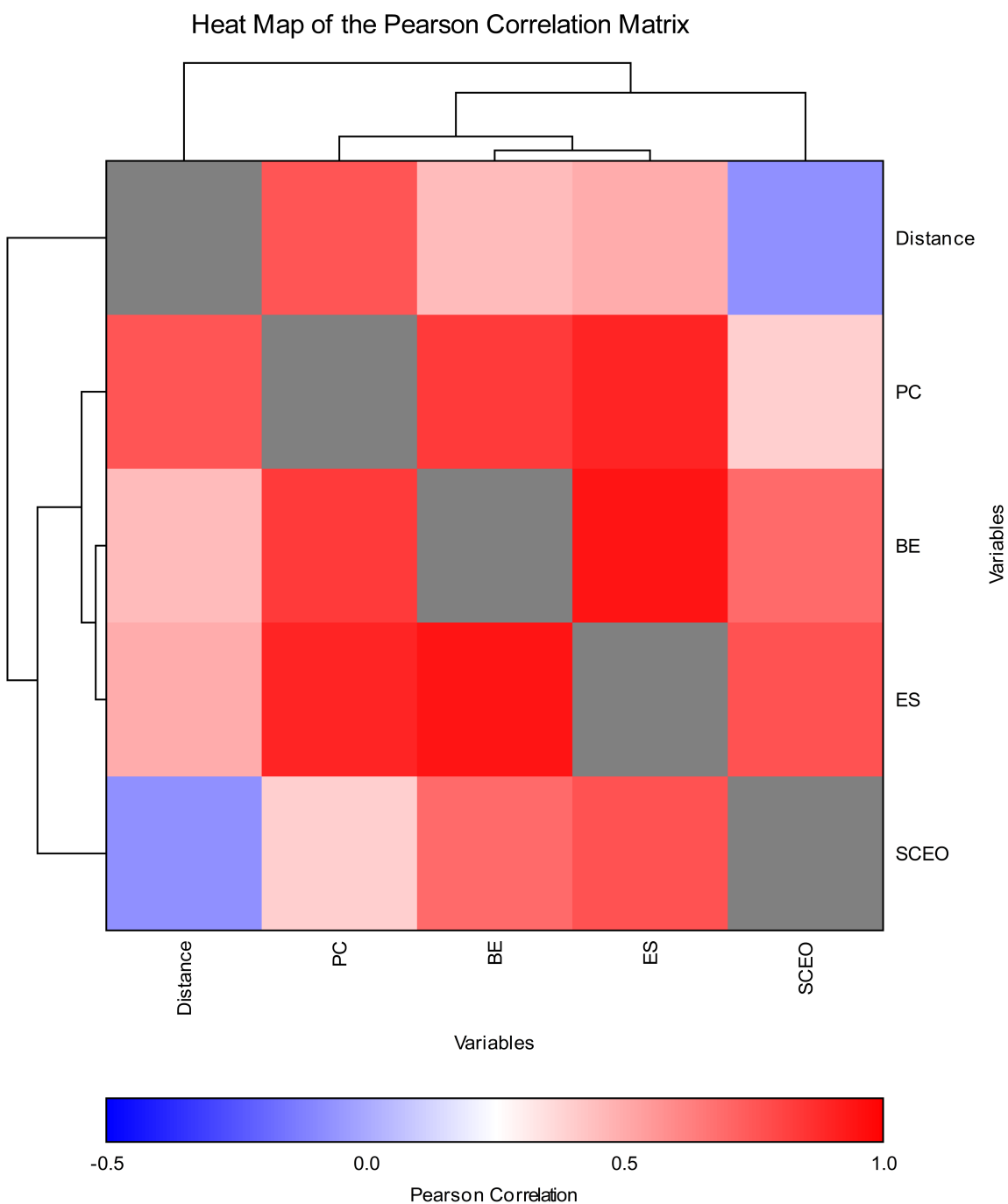
Coefficient Alpha

Cronbach's Alpha	0.7693
Standardized Cronbach's Alpha	0.8875

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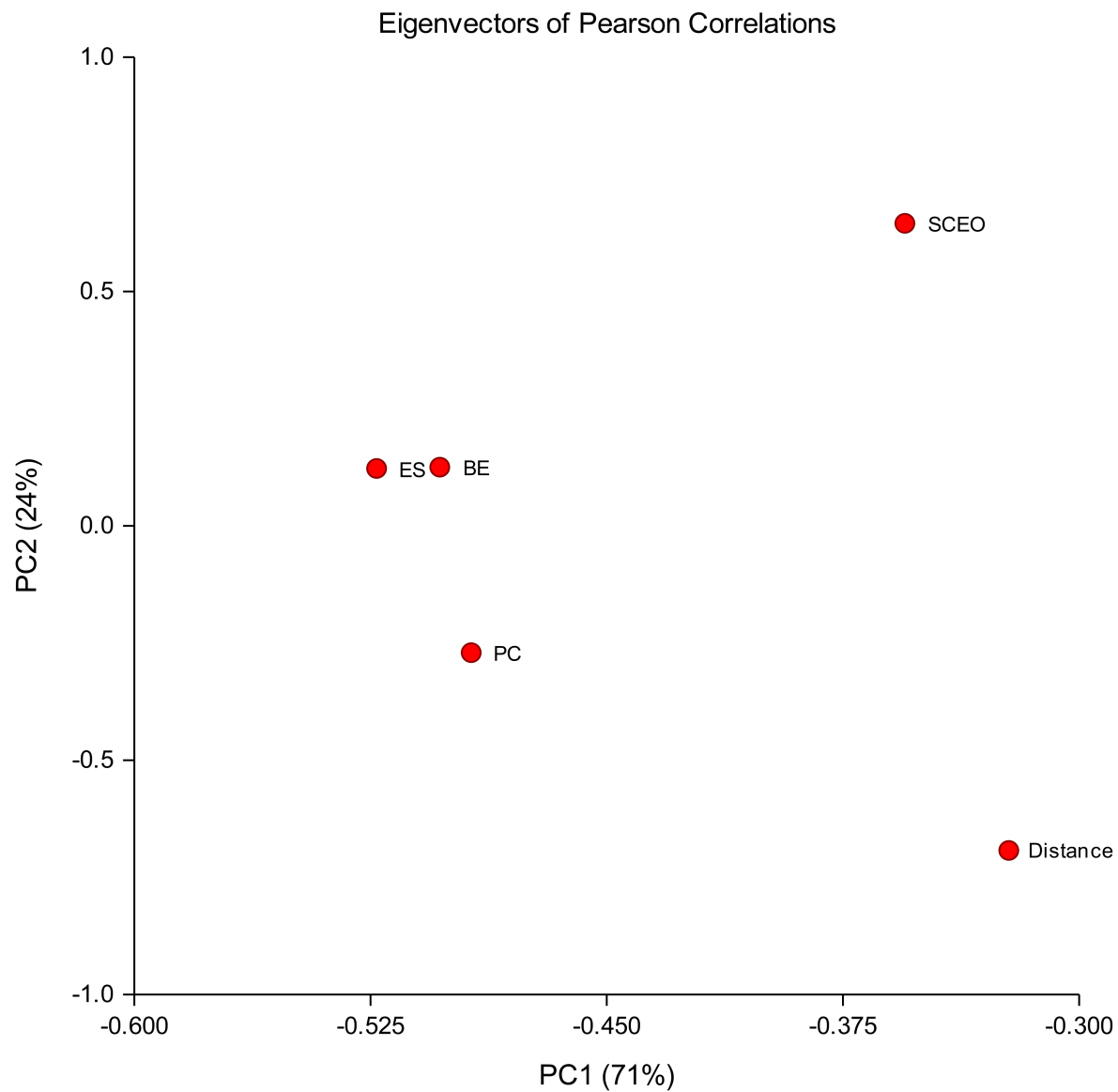
Heat Map of the Pearson Correlation Matrix



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Pearson Eigenvectors Plot(s)



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Procedure Input Settings

Autosaved Template File

C:\Users\Dr_Ia\Documents\NCSS 2022\Procedure Templates\Autosave\Correlation Matrix - Autosaved
2022_9_14-14_40_7.t431

Variables Tab

-- Data Variables -----
Correlation Variables: Distance, PC, BE, SCEO, ES
Partial Variables: <Empty>

-- Missing Values -----
Missing Value Removal: Row-Wise

Reports Tab

-- Select Reports -----
.. Correlation Matrices
Show Individual Tables Checked
 Pearson Correlations Checked
 Spearman Correlations Unchecked
 Difference Unchecked
 |Pearson Correlations| Unchecked
 |Spearman Correlations| Unchecked
 Squared Pearson Correlations Unchecked
 Squared Spearman Correlations Unchecked
 Count Unchecked
Show Combined Table Unchecked

.. Cronbach's Alpha
Add Cronbach's Alpha beneath the Pearson Correlation matrix Checked

Report Options Tab

-- Report Options -----
Precision: Single
Max Distance Items: 1000
Max Linkage Clusters Reported: 20

.. Decimal Places
Correlation: 4
P-Value: 4
Cronbachs Alpha: 4
Eigenvalues: 6
Eigenvectors: 4
Percentages: 2

-- Table Formatting -----
Column Justification: Right
Column Widths: Autosize to Minimum Widths
Wrap Column Headings onto Two Lines Checked

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Procedure Input Settings (Continued)**Heat Maps Tab**

-- Clustering Options -----	
Max Clusters:	3
Clustering Method:	Group Average (Unweighted Pair-Group)
-- Heat Maps -----	
.. Diagonal Elements	
Diagonal Elements:	Set as missing
.. Select Heat Maps and Specify Their Format	
Pearson Correlations	Checked
Spearman Correlations	Unchecked
Pearson Correlations	Unchecked
Spearman Correlations	Unchecked
Squared Pearson Correlations	Unchecked
Squared Spearman Correlations	Unchecked
.. Cluster Analysis Reports for each Selected Heat Map	
Cluster Report	Unchecked
Linkage Report	Unchecked
Distance Report	Unchecked

Eigenvectors Tab

-- Eigenvector (Principal Component) Plots and Reports -----	
.. General Options	
Number of Eigenvectors:	2
Eigenvector Label:	PC
.. Eigenvector Plots	
Pearson Eigenvector Plot(s)	Checked
Spearman Eigenvector Plot(s)	Unchecked
Show the eigenvalue percentage in the eigenvector labels	Checked
.. Eigenvalue and Eigenvector Reports	
Eigenvalues and Eigenvectors of the Pearson Correlations (Includes Bartlett's Sphericity Test)	Unchecked
Eigenvalues and Eigenvectors of the Spearman Correlation matrix	Unchecked

Storage Tab

-- Select Items to Store with the Dataset -----	
Pearson Correlation Matrix	Unchecked
Spearman Correlation Matrix	Unchecked

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Procedure Input Settings (Continued)

Storage Tab (Continued)

· · Storage Options ···········

Storage Location:	In empty column(s) after the last column with data
Skip one or more columns before item storage	Unchecked
Rename the storage column(s) using the item name(s)	Checked
Add a Note about each stored item in the Column Info table	Checked
