The CONTENTS Procedure

Data Set Name	WORK.MYDATA	**Observations**	147
Member Type	DATA	**Variables**	28
Engine	V9	**Indexes**	0
Created	06/20/2019 23:02:41	**Observation Length**	208
Last Modified	06/20/2019 23:02:41	**Deleted Observations**	0
Protection		**Compressed**	NO
Data Set Type		**Sorted**	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	629
Obs in First Data Page	147
Number of Data Set Repairs	0
Filename	/saswork/SAS_workA2450001DD7E_odaws04-prod-us/SAS_work8E1C0001DD7E_odaws04-prod-us/mydata.sas7bdat
Release Created	9.0401M5
Host Created	Linux
Inode Number	1610615500
Access Permission	rw-r--r--
Owner Name	u37560128
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
3	Accept_of_incomeinequality	Num	8	BEST.		Accept_of_incomeinequality
6	Alchohol_consumption	Num	8	BEST.		Alchohol_consumption
11	Annual_growth_gdp	Num	8	BEST.		Annual_growth_gdp
20	Average_self_ratedhealth	Num	8	BEST.		Average_self_ratedhealth
7	Belif_in_god	Num	8	BEST.		Belif_in_god
14	Change_ISD_Index_genderequality	Num	8	BEST.		Change_ISD_Index_genderequality
10	Control_of_corruption	Num	8	BEST.		Control_of_corruption
12	Economic_Freedom_Index	Num	8	BEST.		Economic_Freedom_Index
8	Freedom_choose	Num	8	BEST.		Freedom_choose

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	**Variable**	**Type**	**Len**	**Format**	**Informat**	**Label**
13	Freedom_of_speech	Num	8	BEST.		Freedom_of_speech
28	GDP	Num	8	BEST.		GDP
24	Gini_Index	Char	4	$4.	$4.	Gini_Index
17	Government_size	Num	8	BEST.		Government_size
15	Govt_Effenessectiv	Num	8	BEST.		Govt_Effenessectiv
16	Govt_inter_in_the_economy	Num	8	BEST.		Govt_inter_in_the_economy
18	HDI	Num	8	BEST.		HDI
22	Human_rights	Char	2	$2.	$2.	Human_rights
23	Hunger	Num	8	BEST.		Hunger
25	Inequality_in_income	Char	4	$4.	$4.	Inequality_in_income
26	Institutional_quality	Num	8	BEST.		Institutional_quality
27	Internet_user_per1000	Num	8	BEST.		Internet_user_per1000
5	Per_agriculture_share_in_GDP	Num	8	BEST.		Per_agriculture_share_in_GDP
4	Public_acceptance_of_suicide	Num	8	BEST.		Public_acceptance_of_suicide
19	Public_health_expenditure	Num	8	BEST.		Public_health_expenditure
2	Satisfaction_with_life	Num	8	BEST.		Satisfaction_with_life
1	Serial Number	Num	8	BEST.		Serial Number
9	Suppresson_of_civil_liberty	Num	8	BEST.		Suppresson_of_civil_liberty
21	World_giving_Index	Char	2	$2.	$2.	World_giving_Index

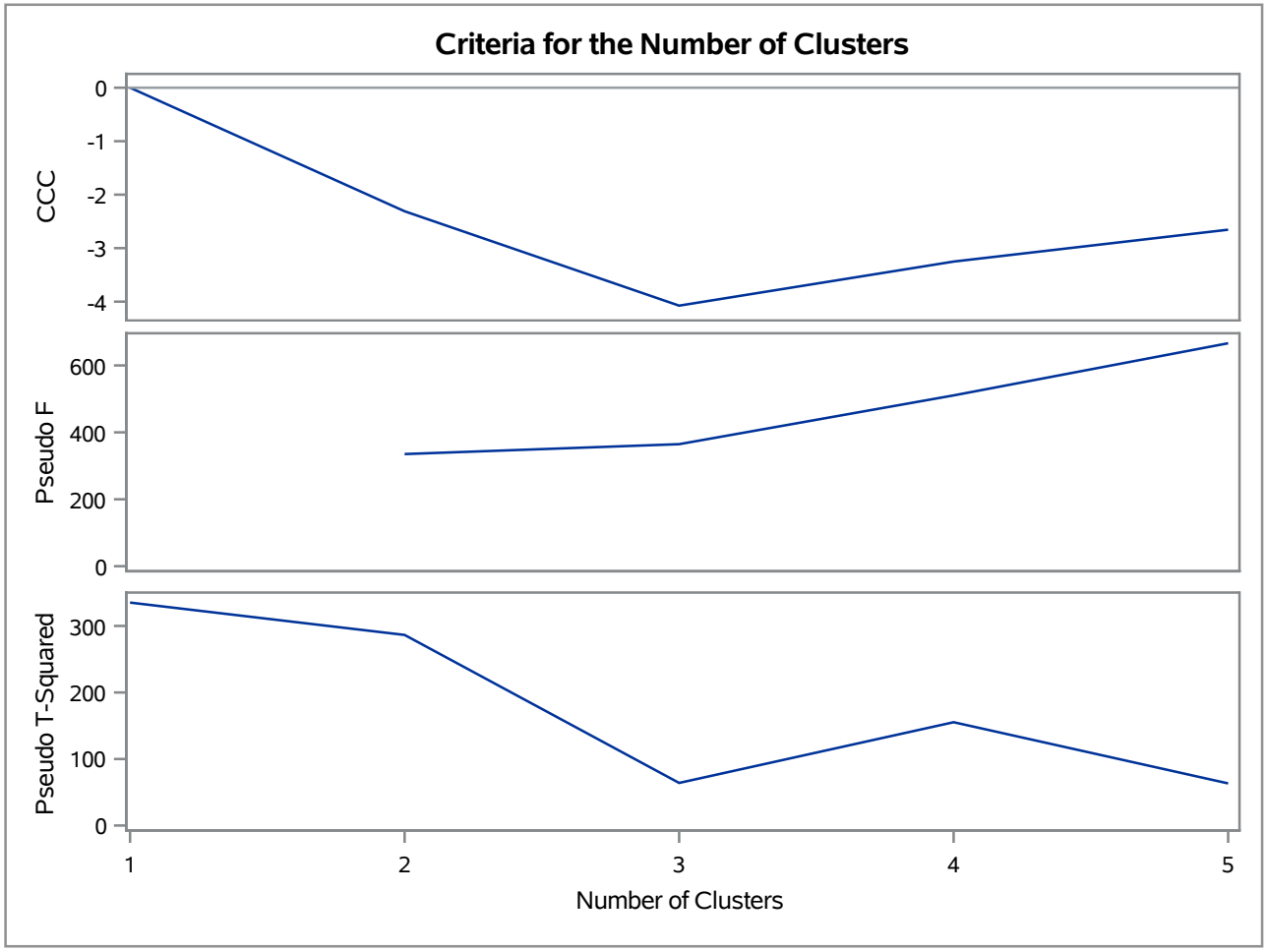
The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

Eigenvalues of the Covariance Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	202491362	202491362	1.0000	1.0000
2	0		0.0000	1.0000

Root-Mean-Square Total-Sample Standard Deviation	10062.09

Root-Mean-Square Distance Between Observations	20124.18

Cluster History										
Number of Clusters	**Clusters Joined**		**Freq**	**Semipartial R-Square**	**R-Square**	**Approximate Expected R-Square**	**Cubic Clustering Criterion**	**Pseudo F Statistic**	**Pseudo t-Squared**	**Tie**
5	CL8	CL10	23	0.0211	.950	.963	-2.7	666	63.3	
4	CL7	CL12	41	0.0344	.916	.941	-3.3	510	155	
3	CL5	CL19	25	0.0787	.837	.893	-4.1	365	64.0	
2	CL6	CL4	120	0.1361	.701	.754	-2.3	335	286	
1	CL2	CL3	145	0.7009	.000	.000	0.00	.	335	



The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

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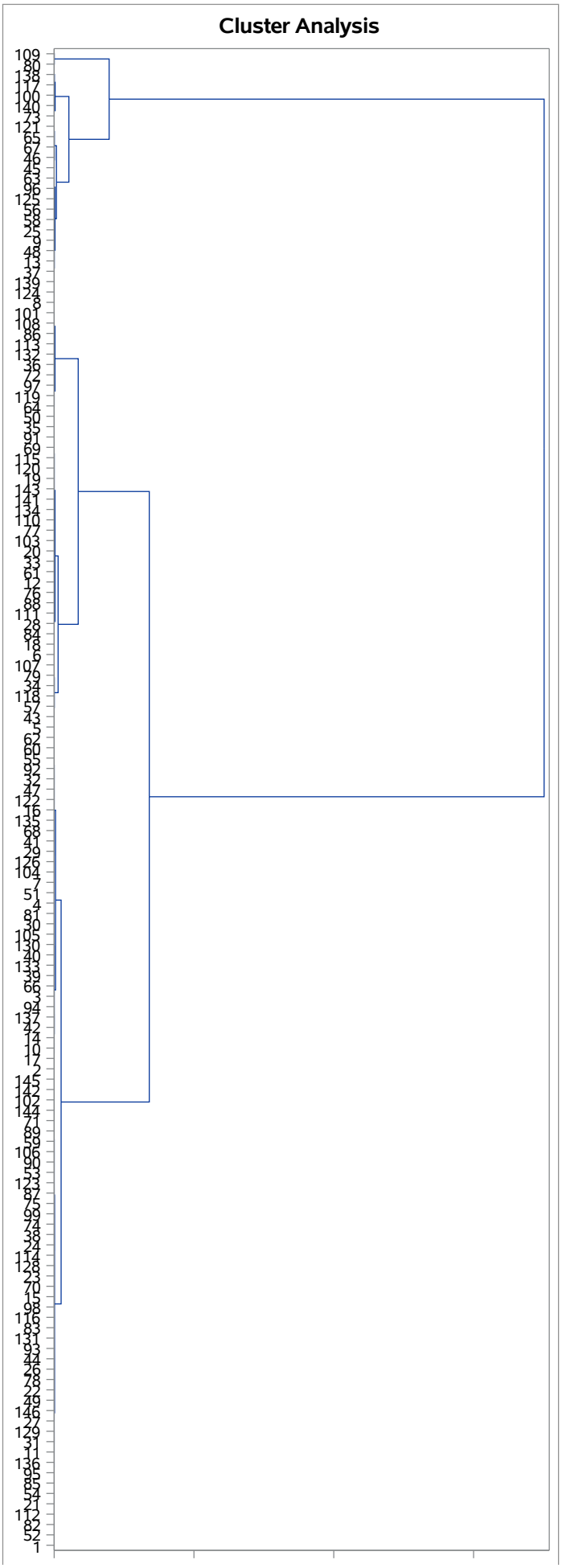


The FREQ Procedure

Frequency

Table of CLUSTER by Satisfaction_with_life

	Satisfaction_with_life(Satisfaction_with_life)																		
CLUSTER	**2.6**	**2.8**	**2.9**	**3**	**3.5**	**3.7**	**3.8**	**3.9**	**4.1**	**4.2**	**4.3**	**4.4**	**4.5**	**4.6**	**4.7**	**4.8**	**4.9**	**5**	**5.1**
1	1	1	1	1	1	3	2	2	1	1	3	2	2	2	3	2	4	4	2
2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	1	1	1	3	2	2	1	1	4	3	2	2	5	2	4	5	2

Frequency Missing = 2

Table of CLUSTER by Satisfaction_with_life

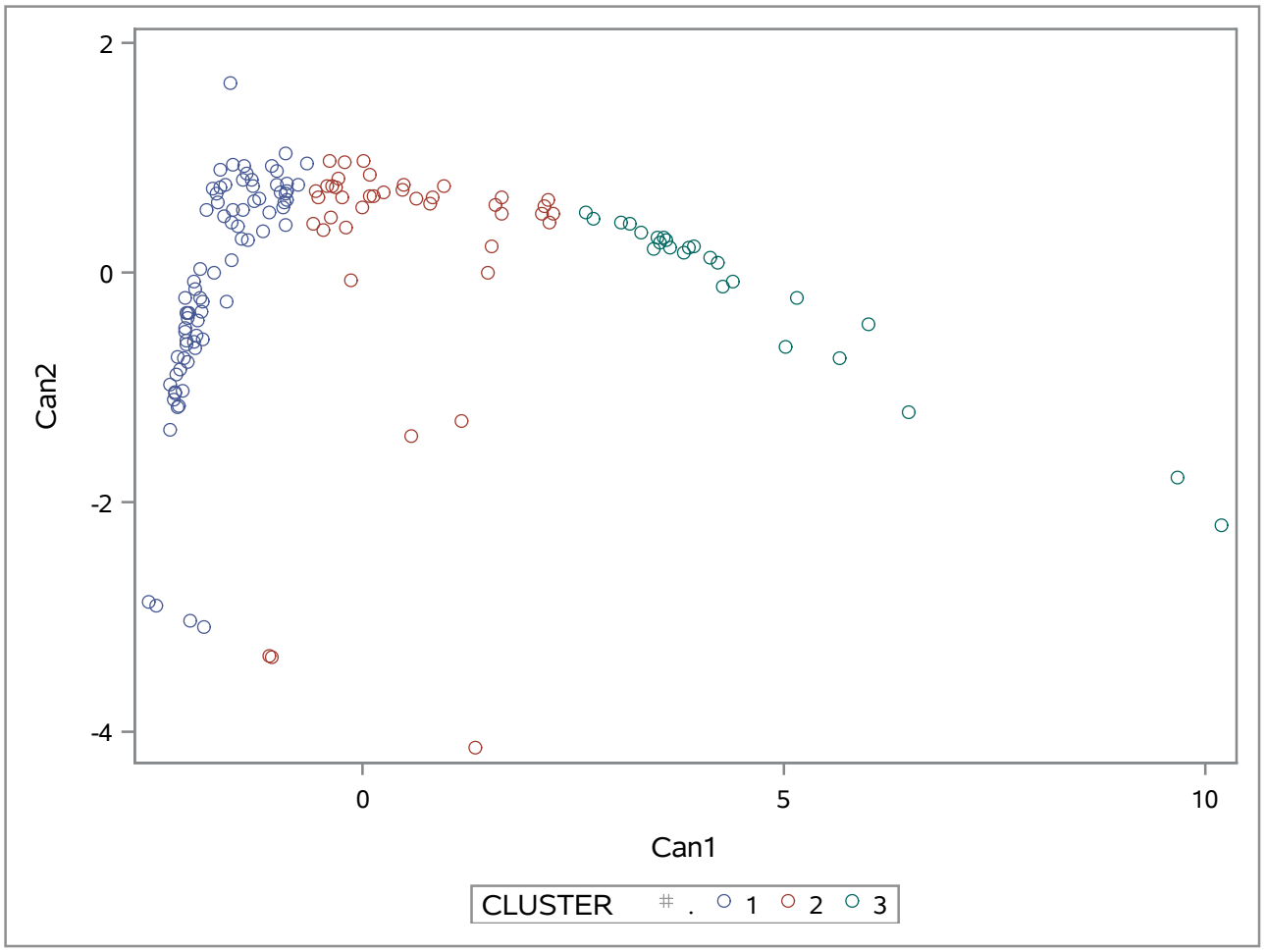
	Satisfaction_with_life(Satisfaction_with_life)																		
CLUSTER	**5.2**	**5.3**	**5.4**	**5.5**	**5.6**	**5.7**	**5.8**	**5.9**	**6**	**6.1**	**6.2**	**6.3**	**6.4**	**6.5**	**6.6**	**6.7**	**6.8**	**6.9**	**7**
1	2	3	3	2	1	4	0	4	2	1	3	2	1	2	2	2	1	1	1
2	2	0	3	3	1	2	1	2	2	1	0	0	2	2	1	0	1	1	2
3	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	1	1	0
Total	4	3	6	5	2	6	1	6	5	2	3	2	3	5	5	3	3	3	3

Frequency Missing = 2

Table of CLUSTER by Satisfaction_with_life

	Satisfaction_with_life(Satisfaction_with_life)													
CLUSTER	**7.1**	**7.2**	**7.3**	**7.4**	**7.5**	**7.6**	**7.7**	**7.8**	**7.9**	**8**	**8.2**	**8.3**	**8.5**	**Total**
1	0	2	0	0	0	1	1	0	0	0	0	0	0	79
2	2	0	1	0	3	1	0	1	1	0	0	0	1	41
3	2	1	2	1	0	3	2	2	2	1	1	1	0	25
Total	4	3	3	1	3	5	3	3	3	1	1	1	1	145

Frequency Missing = 2


2
0
-2
-4
Can2
0
5
10
Can1
CLUSTER
. 1 2 3

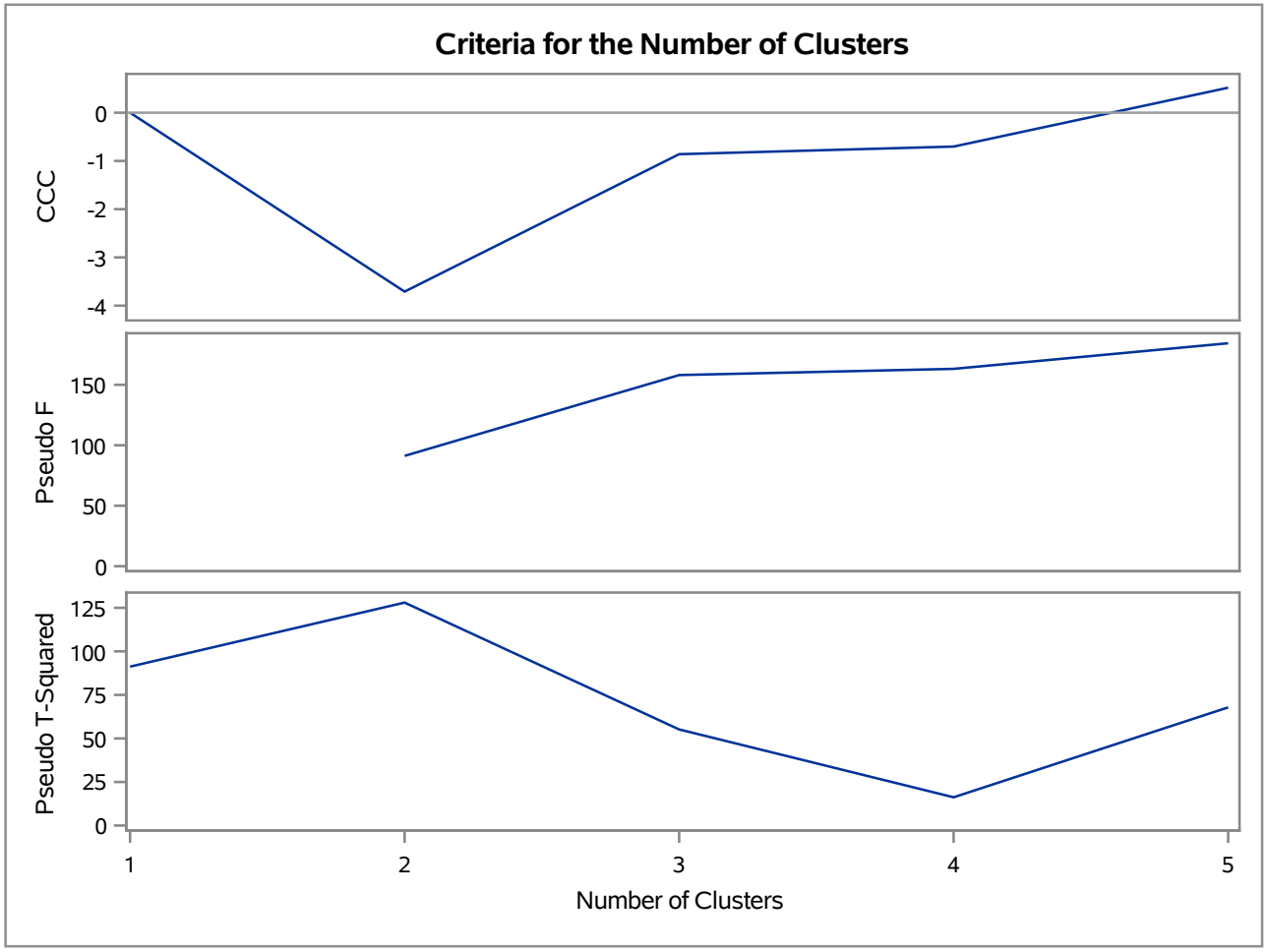
The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

Eigenvalues of the Covariance Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	138.012182	127.609316	0.9299	0.9299
2	10.402866		0.0701	1.0000

Root-Mean-Square Total-Sample Standard Deviation	8.614379

Root-Mean-Square Distance Between Observations	17.22876

Cluster History										
Number of Clusters	**Clusters Joined**		**Freq**	**Semipartial R-Square**	**R-Square**	**Approximate Expected R-Square**	**Cubic Clustering Criterion**	**Pseudo F Statistic**	**Pseudo t-Squared**	**Tie**
5	CL10	CL9	36	0.0266	.914	.910	0.52	184	67.8	
4	CL11	CL7	9	0.0395	.875	.883	-.70	163	16.2	
3	CL8	CL6	29	0.0583	.817	.836	-.86	158	55.2	
2	CL3	CL5	65	0.2577	.559	.705	-3.7	91.2	128	
1	CL2	CL4	74	0.5589	.000	.000	0.00	.	91.2	



The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

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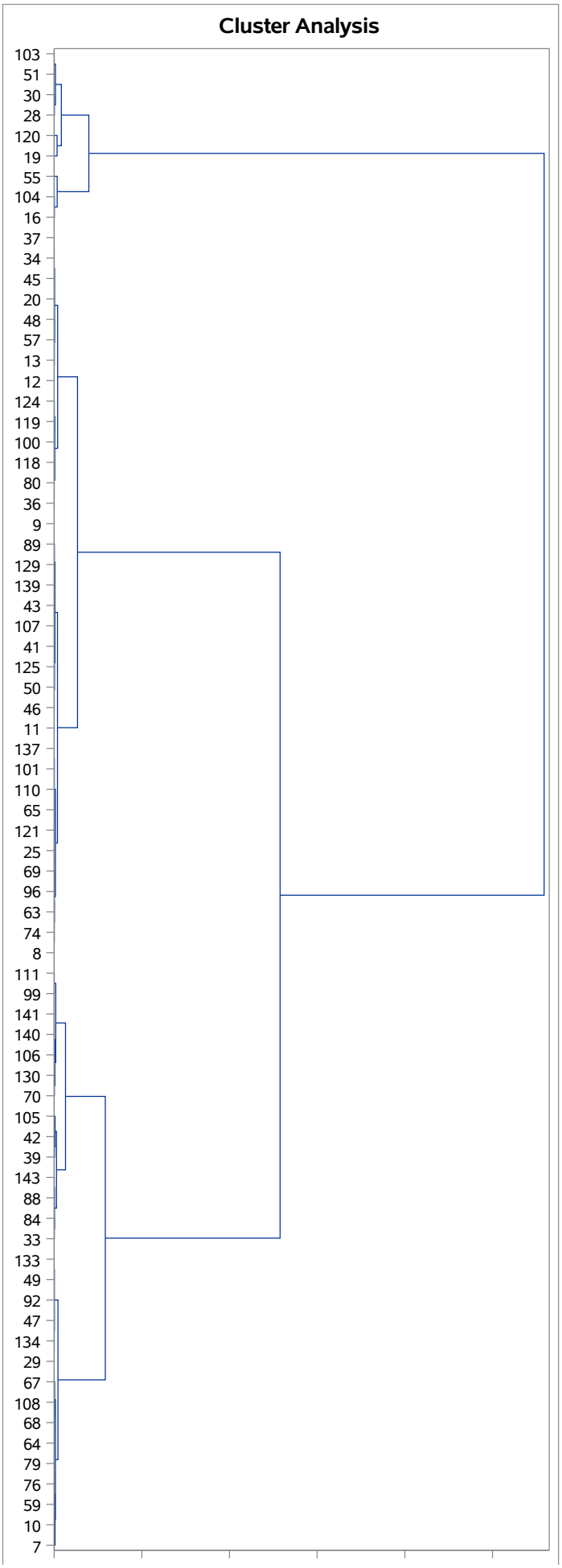


The FREQ Procedure

new_Gini_Index	Frequency	Cumulative Frequency
23	1	1
24	1	2
25	1	3
26	5	8
26.7	1	9
27	1	10
27.9	1	11
28	3	14
28.8	1	15
29	3	18
29.5	1	19
29.8	1	20
30	1	21
30.3	1	22
30.5	1	23
30.6	1	24
30.7	1	25
30.9	1	26
31	1	27
32	3	30
32.1	1	31
32.7	1	32
32.8	1	33
33	1	34
33.2	2	36
33.7	1	37
34	2	39
34.4	1	40
34.6	2	42
34.9	1	43
36	2	45
36.2	1	46
36.5	2	48
36.8	2	50
37	2	52
Frequency Missing = 32		

The FREQ Procedure

new_Gini_Index	Frequency	Cumulative Frequency
37.7	1	53
38.1	2	55
38.5	1	56
39	3	59
39.2	1	60
39.4	1	61
39.5	1	62
39.7	1	63
40	1	64
40.1	1	65
40.8	2	67
40.9	1	68
41	1	69
41.3	1	70
41.5	1	71
42.3	1	72
42.4	1	73
42.5	1	74
43	2	76
43.7	1	77
44.5	1	78
44.6	1	79
45	1	80
45.2	1	81
45.5	1	82
45.7	1	83
45.8	1	84
46.1	1	85
46.8	1	86
47.2	1	87
47.3	1	88
47.5	1	89
48	1	90
48.1	1	91
48.2	2	93
Frequency Missing = 32		

The FREQ Procedure

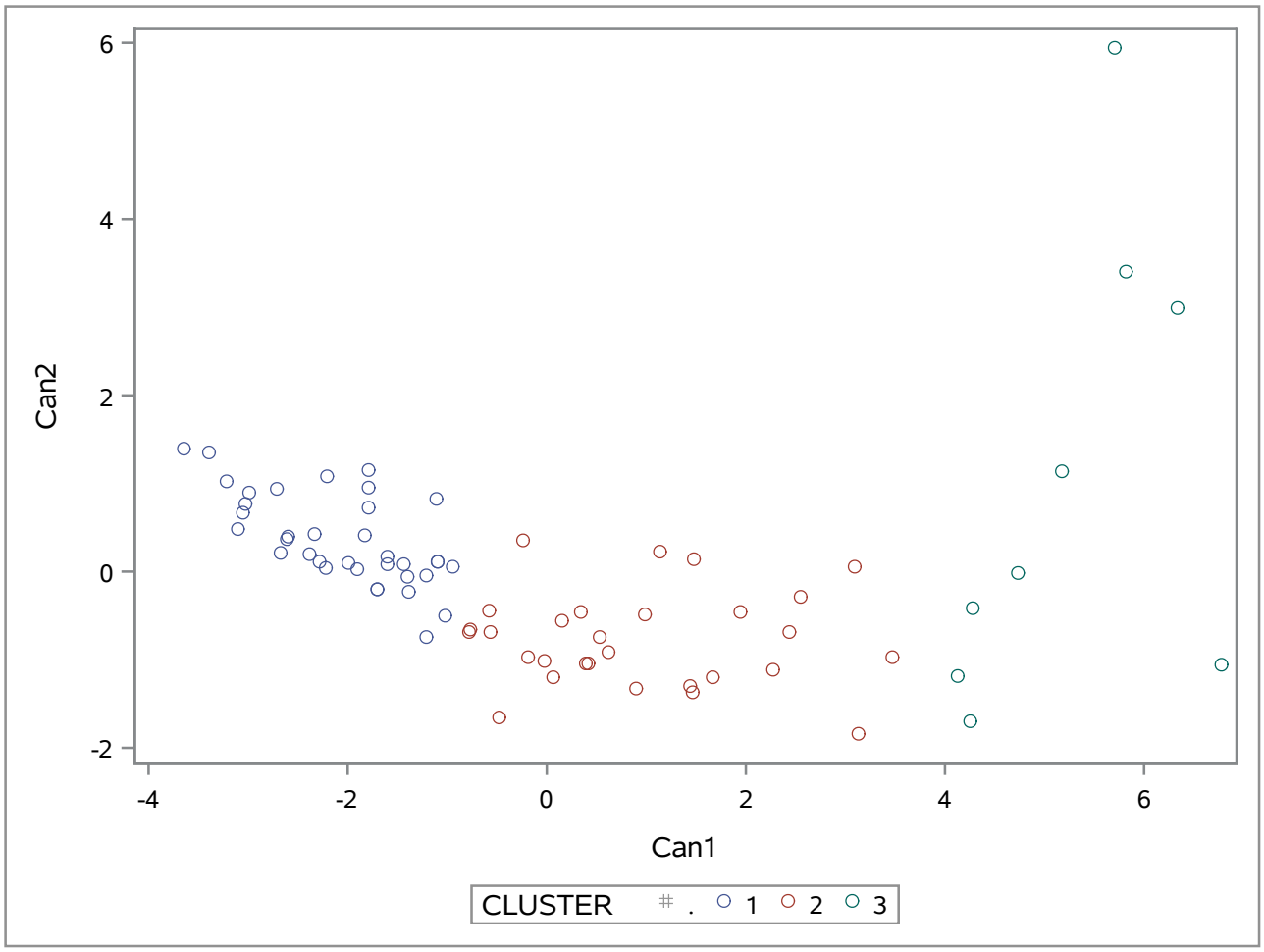
new_Gini_Index	Frequency	Cumulative Frequency
49	2	95
49.9	1	96
50.1	1	97
50.5	1	98
50.8	1	99
52	1	100
52.4	1	101
53.3	1	102
53.8	1	103
54.9	1	104
55.1	1	105
56.1	1	106
56.2	2	108
56.7	1	109
56.8	1	110
59.2	2	112
62.9	1	113
63	1	114
65	1	115
Frequency Missing = 32		

The FREQ Procedure

new_Inequality_in_income	Frequency	Cumulative Frequency
2.6	1	1
2.9	1	2
3.2	1	3
3.4	1	4
3.5	2	6
3.6	5	11
3.7	1	12
3.9	1	13
4	1	14
4.1	1	15
4.2	2	17
4.3	3	20
4.6	1	21
4.7	1	22
4.9	1	23
5.1	1	24
5.2	2	26
5.3	3	29
5.4	1	30
5.5	1	31
5.6	1	32
5.7	1	33
5.8	1	34
5.9	2	36
6.1	1	37
6.2	1	38
6.3	2	40
6.4	1	41
6.5	2	43
6.7	1	44
7	1	45
7.1	1	46
7.2	1	47
7.5	1	48
7.6	1	49
Frequency Missing = 69		

The FREQ Procedure

new_Inequality_in_income	Frequency	Cumulative Frequency
7.8	1	50
8	1	51
8.2	1	52
8.3	1	53
8.5	1	54
8.9	1	55
9	1	56
9.2	2	58
9.8	1	59
10	1	60
11.5	1	61
11.7	1	62
12.2	1	63
12.4	1	64
12.8	1	65
13	1	66
14.3	1	67
14.8	2	69
15.8	1	70
16.5	1	71
18.2	1	72
20.3	1	73
22.6	1	74
24.4	1	75
31.8	1	76
32	1	77
38.1	1	78
Frequency Missing = 69		


6
4
2
0
-2
Can2
-4
-2
0
2
4
6
Can1
CLUSTER
. 1 2 3

The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

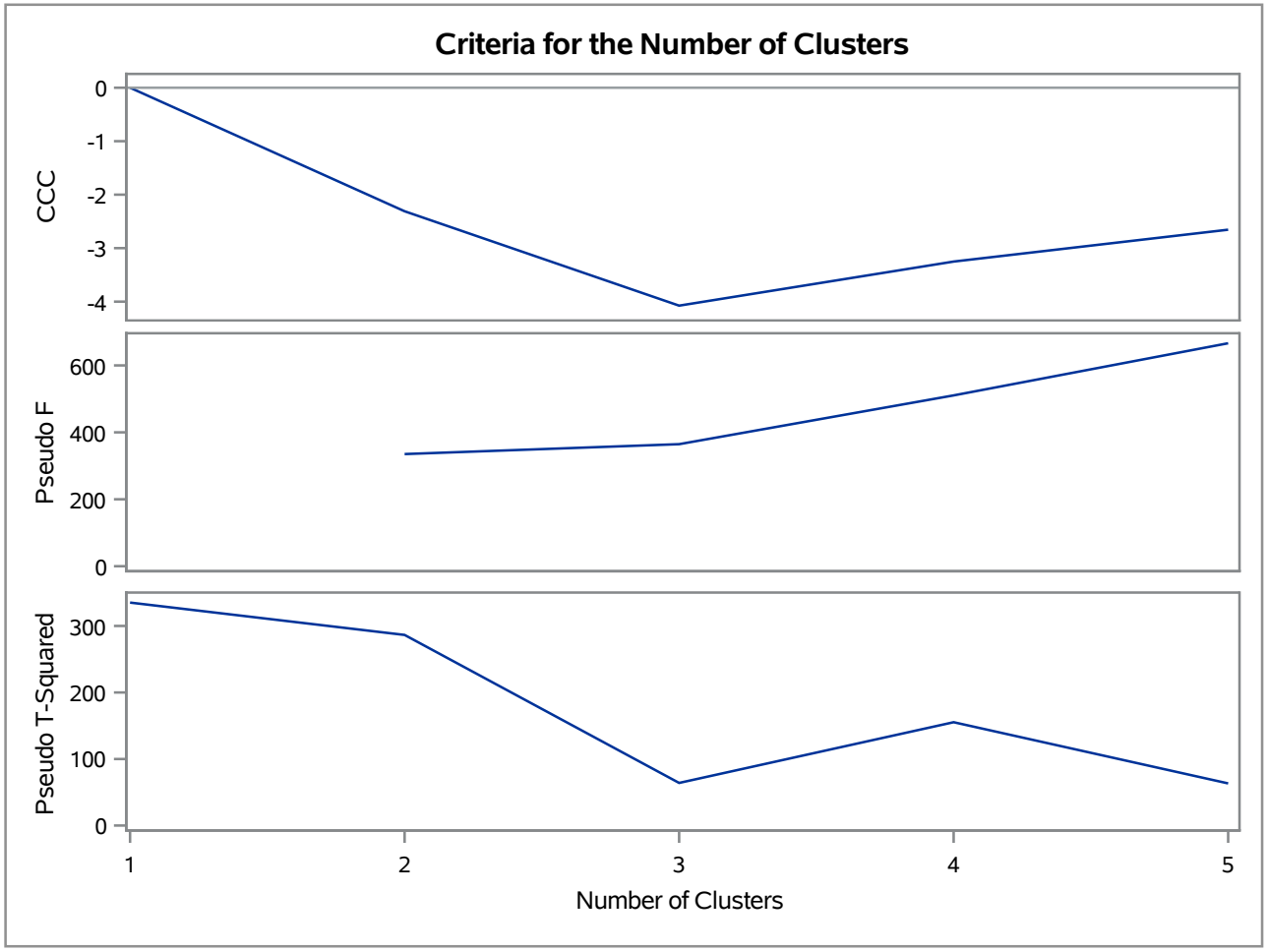
Eigenvalues of the Covariance Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	202491362	202491359	1.0000	1.0000
2	3		0.0000	1.0000

Root-Mean-Square Total-Sample Standard Deviation	10062.09

Root-Mean-Square Distance Between Observations	20124.18

Cluster History

Number of Clusters	Clusters Joined		Freq	Semipartial R-Square	R-Square	Approximate Expected R-Square	Cubic Clustering Criterion	Pseudo F Statistic	Pseudo t-Squared	Tie
5	CL8	CL10	23	0.0211	.950	.963	-2.7	666	63.3	
4	CL7	CL12	41	0.0344	.916	.941	-3.3	510	155	
3	CL5	CL19	25	0.0787	.837	.893	-4.1	365	64.0	
2	CL6	CL4	120	0.1361	.701	.754	-2.3	335	286	
1	CL2	CL3	145	0.7009	.000	.000	0.00	.	335	



The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

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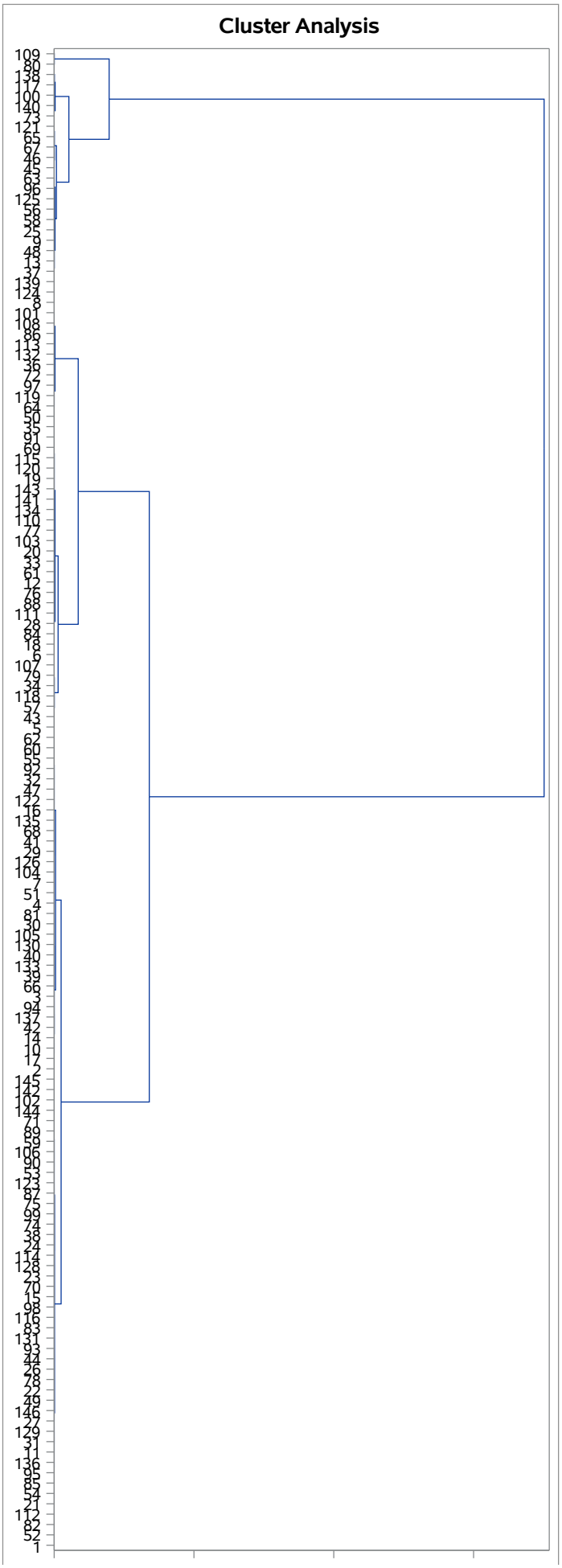


The FREQ Procedure

Public_health_expenditure		
Public_health_expenditure	Frequency	Cumulative Frequency
0	5	5
0.1505833333	1	6
0.152	1	7
0.1595	1	8
0.1644444444	1	9
0.1719166667	1	10
0.1865555556	1	11
0.219	1	12
0.2376666667	1	13
0.2436666667	1	14
0.2916666667	1	15
0.3821309524	1	16
0.4262380952	1	17
0.4270634921	1	18
0.4272380952	1	19
0.463	1	20
0.4634642857	1	21
0.4970714286	1	22
0.5061547619	1	23
0.5695238095	1	24
0.5719047619	1	25
0.5974642857	1	26
0.5995	1	27
0.6099761905	1	28
0.6585952381	1	29
0.6586825397	1	30
0.6855595238	1	31
0.7046309524	1	32
0.7305714286	1	33
0.9303571429	1	34
0.9693809524	1	35
1.0267619048	1	36
1.1151904762	1	37
1.1694047619	1	38
1.2005238095	1	39

The FREQ Procedure

Public_health_expenditure		
Public_health_expenditure	Frequency	Cumulative Frequency
1.2201190476	1	40
1.2741309524	1	41
1.2898412698	1	42
1.301047619	1	43
1.4585238095	1	44
1.5128214286	1	45
1.6265357143	1	46
1.7712261905	1	47
1.8721190476	1	48
1.9047857143	1	49
2.1473571429	1	50
2.1806071429	1	51
2.2061904762	1	52
2.3604404762	1	53
2.3870952381	1	54
2.4616309524	1	55
2.5540952381	1	56
2.61	1	57
2.7908253968	1	58
2.8230238095	1	59
2.9134404762	1	60
2.9560714286	1	61
2.9667619048	1	62
2.9922142857	1	63
2.9970833333	1	64
3.0078888889	1	65
3.0689761905	1	66
3.1506190476	1	67
3.25	1	68
3.2809285714	1	69
3.2999761905	1	70
3.3115238095	1	71
3.3281269841	1	72
3.3282380952	1	73
3.3884880952	1	74

The FREQ Procedure

Public_health_expenditure		
Public_health_expenditure	Frequency	Cumulative Frequency
3.4176666667	1	75
3.4546190476	1	76
3.4565833333	1	77
3.4940793651	1	78
3.5173452381	1	79
3.5310952381	1	80
3.5873095238	1	81
3.6155238095	1	82
3.7037142857	1	83
3.7219761905	1	84
3.7375952381	1	85
3.766952381	1	86
3.7980634921	1	87
3.8020833333	1	88
3.8613452381	1	89
3.8622619048	1	90
3.8654047619	1	91
3.8699404762	1	92
3.9311309524	1	93
3.9585595238	1	94
3.9996071429	1	95
4.0376666667	1	96
4.0580595238	1	97
4.06875	1	98
4.0769285714	1	99
4.0888214286	1	100
4.1167261905	1	101
4.2205238095	1	102
4.2381547619	1	103
4.3349880952	1	104
4.3383809524	1	105
4.3508333333	1	106
4.357452381	1	107
4.3575	1	108
4.3958452381	1	109

The FREQ Procedure

Public_health_expenditure		
Public_health_expenditure	Frequency	Cumulative Frequency
4.4295238095	1	110
4.4523015873	1	111
4.4809047619	1	112
4.5089642857	1	113
4.5133452381	1	114
4.5581071429	1	115
4.5768214286	1	116
4.5972142857	1	117
4.64825	1	118
4.6584642857	1	119
4.7024047619	1	120
4.7136428571	1	121
4.7472380952	1	122
4.7915119048	1	123
4.79225	1	124
4.8196071429	1	125
4.8314880952	1	126
4.8664166667	1	127
4.8812619048	1	128
4.9068928571	1	129
4.9220833333	1	130
4.9272261905	1	131
4.951547619	1	132
4.9676984127	1	133
4.9686904762	1	134
4.9857738095	1	135
5.0093452381	1	136
5.0301190476	1	137
5.0641785714	1	138
5.0875	1	139
5.1875238095	1	140
5.1892857143	1	141
5.2795119048	1	142
5.473952381	1	143
5.5721190476	1	144

The FREQ Procedure

Public_health_expenditure		
Public_health_expenditure	**Frequency**	**Cumulative Frequency**
5.7028214286	1	145
5.7365119048	1	146
5.7529404762	1	147

The FREQ Procedure

GDP		
GDP	Frequency	Cumulative Frequency
349	1	1
367.66666667	1	2
615.83333333	1	3
651.16666667	1	4
655.83333333	1	5
690.33333333	1	6
699.66666667	1	7
705.83333333	1	8
777.83333333	1	9
907.16666667	1	10
918	1	11
938.4	1	12
945.16666667	1	13
969.66666667	1	14
981.33333333	1	15
996.5	1	16
1038.1666667	1	17
1048.8333333	1	18
1098	1	19
1104.1666667	1	20
1130.3333333	1	21
1176.5	1	22
1177.5	1	23
1260.3333333	1	24
1328.8333333	1	25
1383.8333333	1	26
1542.5	1	27
1550.6666667	1	28
1607	1	29
1753.1666667	1	30
1757.5	1	31
1768	1	32
1801	1	33
1835.1666667	1	34
Frequency Missing = 2		

The FREQ Procedure

GDP		
GDP	Frequency	Cumulative Frequency
1937	1	35
1960.8333333	1	36
2185	1	37
2188.5	1	38
2239.5	1	39
2291	1	40
2304.3333333	1	41
2404.1666667	1	42
2501.3333333	1	43
2678.5	1	44
2831.5	1	45
3029.6666667	1	46
3288	1	47
3374	1	48
3386.5	1	49
3560.5	1	50
3654.1666667	1	51
3794.1666667	1	52
3824.3333333	1	53
3873.1666667	1	54
4052	1	55
4064	1	56
4198.3333333	1	57
4313.1666667	1	58
4448.5	1	59
4583.6666667	1	60
4627.3333333	1	61
4757.3333333	1	62
5086.8333333	1	63
5561.1666667	1	64
5719.3333333	1	65
5868.5	1	66
6110.8333333	1	67
6202.5	1	68
Frequency Missing = 2		

The FREQ Procedure

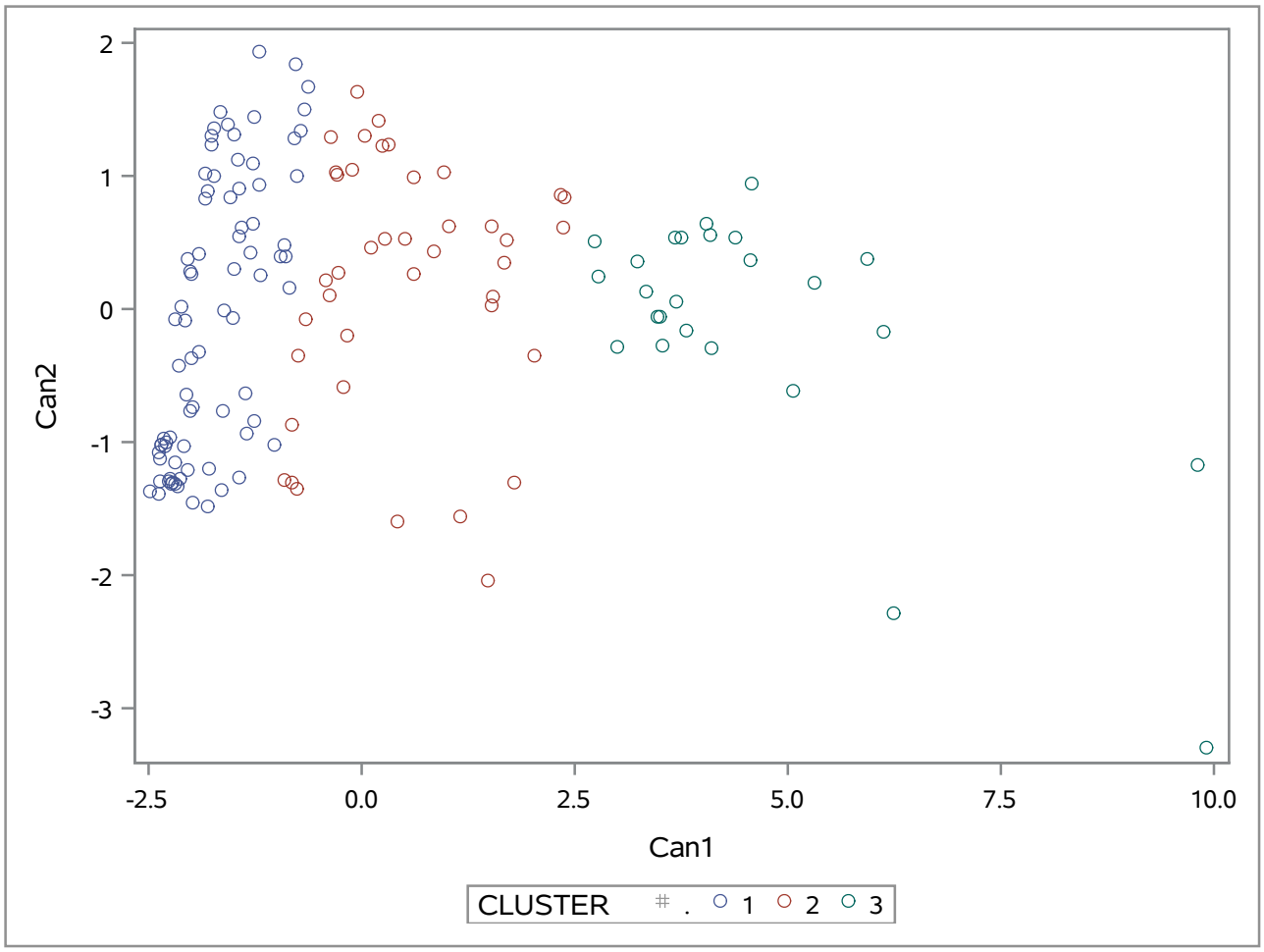
GDP		
GDP	Frequency	Cumulative Frequency
6494.6666667	1	69
6612.1666667	1	70
6767.3333333	1	71
6830.8333333	1	72
6889.8333333	1	73
6903.1666667	1	74
6917.1666667	1	75
7018	1	76
7098.1666667	1	77
7667	1	78
8130.6666667	1	79
8887.8333333	1	80
8919.6666667	1	81
8987.8333333	1	82
9127.6666667	1	83
9135.6666667	1	84
9577.1666667	1	85
9642.8333333	1	86
9665	1	87
9939.8333333	1	88
10083.833333	1	89
10259.833333	1	90
10367.333333	1	91
10637	1	92
10759.833333	1	93
11176	1	94
11878.833333	1	95
11941.666667	1	96
12153.833333	1	97
12455.5	1	98
12622.833333	1	99
12832	1	100
13497.833333	1	101
14782.5	1	102
Frequency Missing = 2		

The FREQ Procedure

GDP		
GDP	Frequency	Cumulative Frequency
14830.833333	1	103
15731	1	104
16766.166667	1	105
16827.333333	1	106
17051.666667	1	107
17579.833333	1	108
20421.4	1	109
21106.5	1	110
21184.833333	1	111
21225.333333	1	112
21540.666667	1	113
21647	1	114
23571.333333	1	115
24388	1	116
24532.833333	1	117
24732.5	1	118
24958.833333	1	119
25184.666667	1	120
27406.666667	1	121
27987.666667	1	122
29869	1	123
30417.166667	1	124
31300.333333	1	125
32290.166667	1	126
32452.5	1	127
32677.833333	1	128
32877.166667	1	129
33049.833333	1	130
33350.333333	1	131
34314.833333	1	132
34643.5	1	133
34944.5	1	134
36153.833333	1	135
36707	1	136
Frequency Missing = 2		

The FREQ Procedure

GDP		
GDP	**Frequency**	**Cumulative Frequency**
37189	1	137
37873	1	138
41947.5	1	139
42342.166667	1	140
45610.333333	1	141
47414.833333	1	142
50767.333333	1	143
69460.666667	1	144
72773.5	1	145
Frequency Missing = 2		


2
1
0
-1
-2
-3
Can2
-2.5
0.0
2.5
5.0
7.5
10.0
Can1
CLUSTER
. 1 2 3

The CORR Procedure

4 Variables:	new_Gini_Index	new_Human_rights	new_Inequality_in_income	new_World_giving_Index

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
new_Gini_Index	115	39.86957	9.85629	4585	23.00000	65.00000
new_Human_rights	69	71.69565	20.93990	4947	21.00000	99.00000
new_Inequality_in_income	78	8.73077	6.88113	681.00000	2.60000	38.10000
new_World_giving_Index	146	43.43151	14.29343	6341	0	76.00000

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	new_Gini_Index	new_Human_rights	new_Inequality_in_income	new_World_giving_Index
new_Gini_Index	1.00000 115	-0.43707 0.0003 63	0.84058 <.0001 74	0.15292 0.1028 115
new_Human_rights	-0.43707 0.0003 63	1.00000 69	-0.24720 0.0548 61	0.11507 0.3464 69
new_Inequality_in_income	0.84058 <.0001 74	-0.24720 0.0548 61	1.00000 78	0.20770 0.0680 78
new_World_giving_Index	0.15292 0.1028 115	0.11507 0.3464 69	0.20770 0.0680 78	1.00000 146

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	57
N for Significance Tests	57

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 4 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
1	2.13516126	1.10248742	0.5338	0.5338
2	1.03267385	0.33843565	0.2582	0.7920
3	0.69423819	0.55631149	0.1736	0.9655
4	0.13792670		0.0345	1.0000

2 factors will be retained by the MINEIGEN criterion.

Factor Pattern		
	Factor1	Factor2
new_Gini_Index	0.94955	0.00757
new_Human_rights	-0.60759	0.47255
new_Inequality_in_income	0.89453	0.05870
new_World_giving_Index	0.25333	0.89770

Variance Explained by Each Factor	
Factor1	Factor2
2.1351613	1.0326738

Final Communality Estimates: Total = 3.167835			
new_Gini_Index	new_Human_rights	new_Inequality_in_income	new_World_giving_Index
0.90169653	0.59246604	0.80362976	0.87004277

The FACTOR Procedure

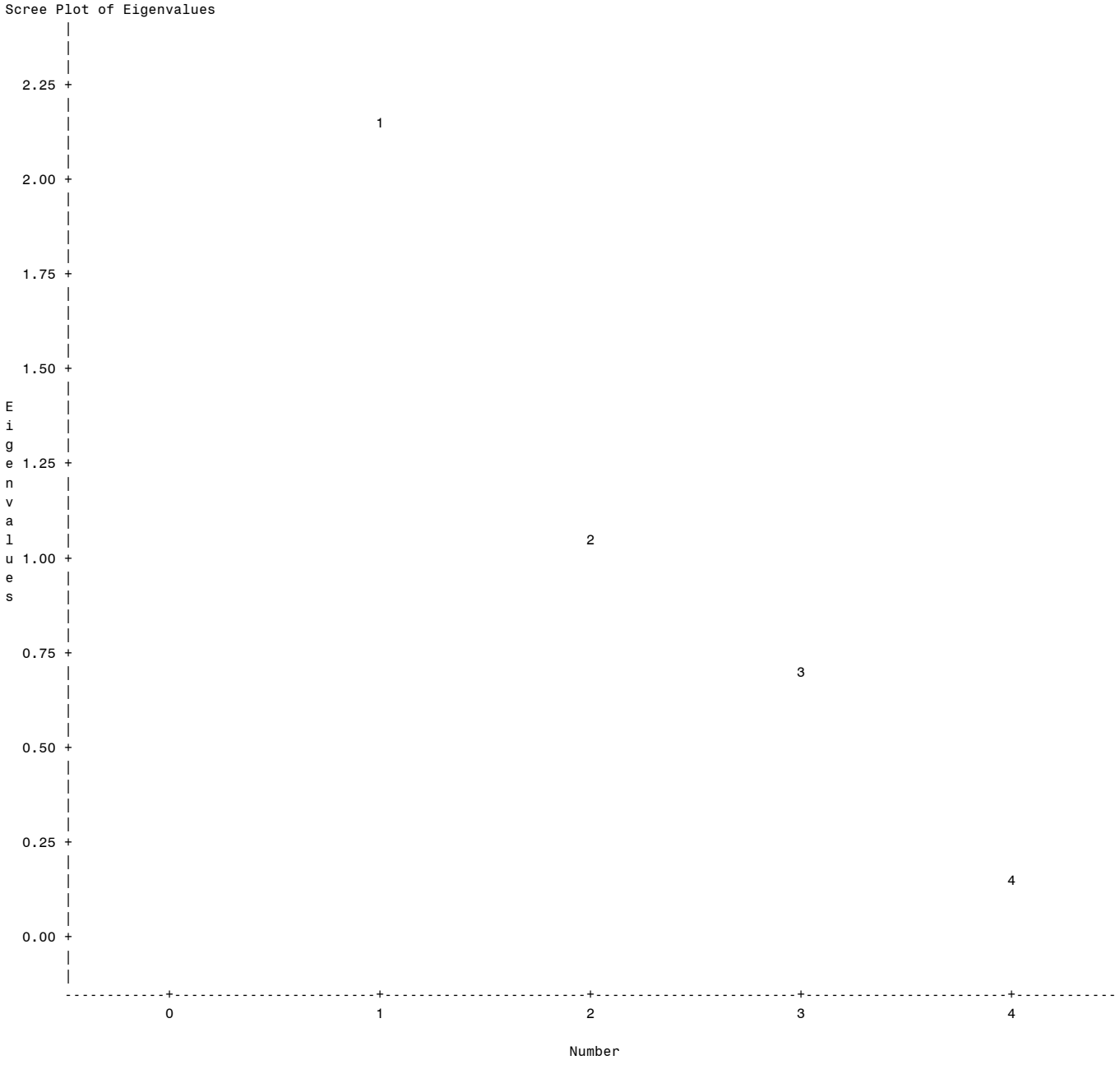
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	57
N for Significance Tests	57

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 4 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	2.13516126	1.10248742	0.5338	0.5338
2	1.03267385	0.33843565	0.2582	0.7920
3	0.69423819	0.55631149	0.1736	0.9655
4	0.13792670		0.0345	1.0000

2 factors will be retained by the MINEIGEN criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern		
	Factor1	**Factor2**
new_Gini_Index	0.94955	0.00757
new_Human_rights	-0.60759	0.47255
new_Inequality_in_income	0.89453	0.05870
new_World_giving_Index	0.25333	0.89770

Variance Explained by Each Factor	
Factor1	**Factor2**
2.1351613	1.0326738

Final Communality Estimates: Total = 3.167835			
new_Gini_Index	**new_Human_rights**	**new_Inequality_in_income**	**new_World_giving_Index**
0.90169653	0.59246604	0.80362976	0.87004277

The FACTOR Procedure

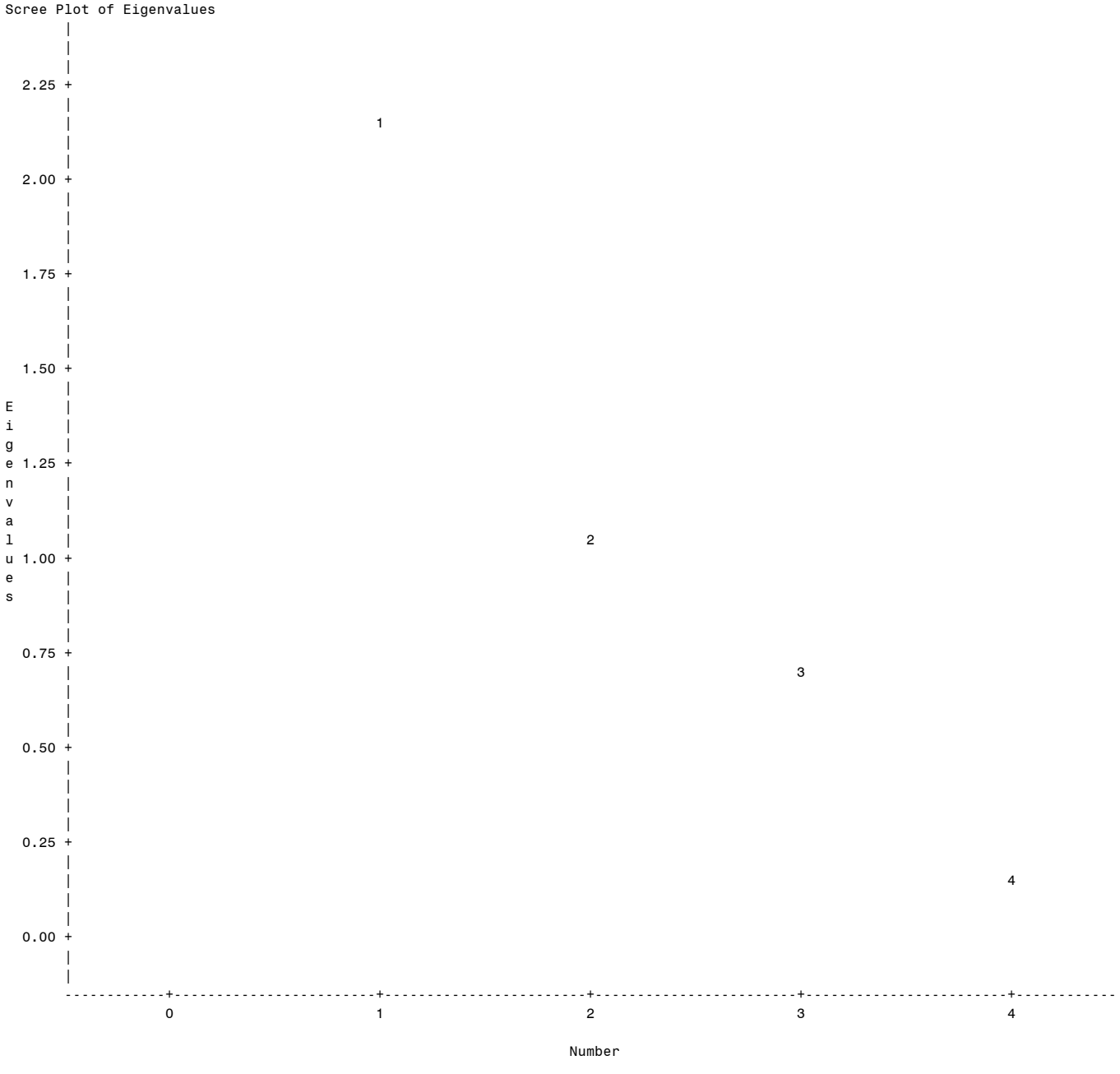
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	57
N for Significance Tests	57

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 4 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	2.13516126	1.10248742	0.5338	0.5338
2	1.03267385	0.33843565	0.2582	0.7920
3	0.69423819	0.55631149	0.1736	0.9655
4	0.13792670		0.0345	1.0000

2 factors will be retained by the NFACTOR criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern		
	Factor1	Factor2
new_Gini_Index	0.94955	0.00757
new_Human_rights	-0.60759	0.47255
new_Inequality_in_income	0.89453	0.05870
new_World_giving_Index	0.25333	0.89770

Variance Explained by Each Factor	
Factor1	Factor2
2.1351613	1.0326738

Final Communality Estimates: Total = 3.167835			
new_Gini_Index	new_Human_rights	new_Inequality_in_income	new_World_giving_Index
0.90169653	0.59246604	0.80362976	0.87004277

The FACTOR Procedure
Initial Factor Method: Principal Components

Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor	
Factor1	**Factor2**
1.0000000	1.0000000

Standardized Scoring Coefficients		
	Factor1	**Factor2**
new_Gini_Index	0.44472	0.00733
new_Human_rights	-0.28456	0.45760
new_Inequality_in_income	0.41895	0.05685
new_World_giving_Index	0.11864	0.86930

The CORR Procedure

5 Variables:	Annual_growth_gdp	GDP	Internet_user_per1000	Per_agriculture_share_in_GDP	Public_health_expenditure

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Annual_growth_gdp	147	1.51837	2.29717	223.20000	-6.80000	12.70000	Annual_growth_gdp
GDP	145	12622	14230	1830193	349.00000	72774	GDP
Internet_user_per1000	147	76.49252	78.41824	11244	0	374.66667	Internet_user_per1000
Per_agriculture_share_in_GDP	147	10.49796	9.66446	1543	0	43.70000	Per_agriculture_share_in_GDP
Public_health_expenditure	147	2.92271	1.77114	429.63907	0	5.75294	Public_health_expenditure

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	Annual_growth_gdp	GDP	Internet_user_per1000
Annual_growth_gdp Annual_growth_gdp	1.00000 147	0.15529 0.0622 145	0.33530 <.0001 147
GDP GDP	0.15529 0.0622 145	1.00000 145	0.72170 <.0001 145
Internet_user_per1000 Internet_user_per1000	0.33530 <.0001 147	0.72170 <.0001 145	1.00000 147
Per_agriculture_share_in_GDP Per_agriculture_share_in_GDP	-0.12802 0.1223 147	-0.57626 <.0001 145	-0.53030 <.0001 147
Public_health_expenditure Public_health_expenditure	0.22656 0.0058 147	0.30813 0.0002 145	0.38238 <.0001 147

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	Per_agriculture_share_in_GDP	Public_health_expenditure
Annual_growth_gdp Annual_growth_gdp	-0.12802 0.1223 147	0.22656 0.0058 147
GDP GDP	-0.57626 <.0001 145	0.30813 0.0002 145
Internet_user_per1000 Internet_user_per1000	-0.53030 <.0001 147	0.38238 <.0001 147
Per_agriculture_share_in_GDP Per_agriculture_share_in_GDP	1.00000 147	-0.08069 0.3313 147
Public_health_expenditure Public_health_expenditure	-0.08069 0.3313 147	1.00000 147

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	145
N for Significance Tests	145

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 5 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
1	2.49825856	1.45661503	0.4997	0.4997
2	1.04164353	0.24029853	0.2083	0.7080
3	0.80134500	0.39551173	0.1603	0.8682
4	0.40583327	0.15291362	0.0812	0.9494
5	0.25291965		0.0506	1.0000

2 factors will be retained by the MINEIGEN criterion.

Factor Pattern			
		Factor1	Factor2
Annual_growth_gdp	Annual_growth_gdp	0.42690	0.62851
GDP	GDP	0.85753	-0.24330
Internet_user_per1000	Internet_user_per1000	0.89827	-0.01416
Per_agriculture_share_in_GDP	Per_agriculture_share_in_GDP	-0.71730	0.48602
Public_health_expenditure	Public_health_expenditure	0.50917	0.59247

Variance Explained by Each Factor	
Factor1	Factor2
2.4982586	1.0416435

Final Communality Estimates: Total = 3.539902				
Annual_growth_gdp	GDP	Internet_user_per1000	Per_agriculture_share_in_GDP	Public_health_expenditure
0.57726702	0.79455725	0.80708224	0.75072806	0.61026753

The FACTOR Procedure

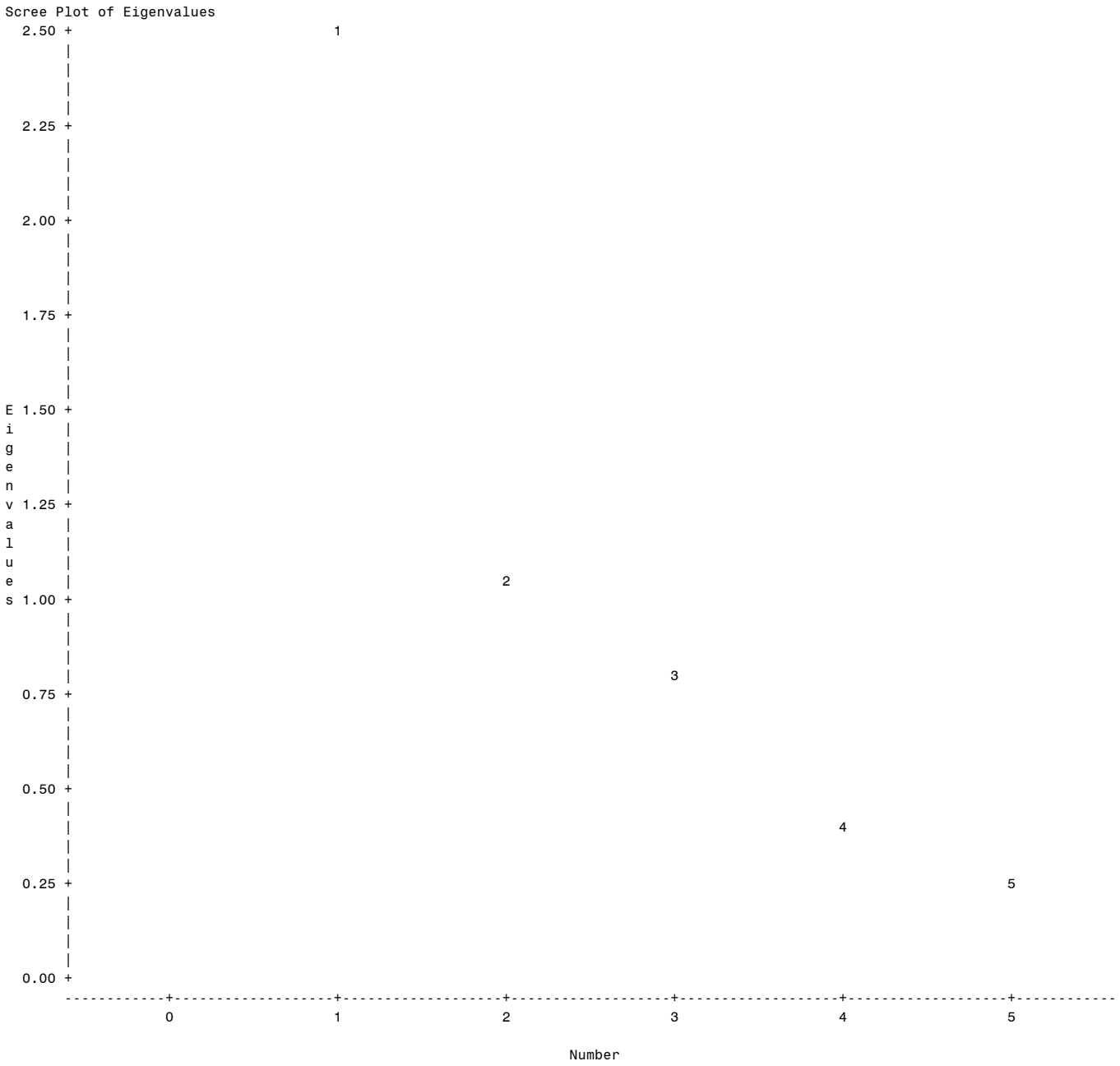
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	145
N for Significance Tests	145

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 5 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	2.49825856	1.45661503	0.4997	0.4997
2	1.04164353	0.24029853	0.2083	0.7080
3	0.80134500	0.39551173	0.1603	0.8682
4	0.40583327	0.15291362	0.0812	0.9494
5	0.25291965		0.0506	1.0000

2 factors will be retained by the MINEIGEN criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern			
		Factor1	Factor2
Annual_growth_gdp	Annual_growth_gdp	0.42690	0.62851
GDP	GDP	0.85753	-0.24330
Internet_user_per1000	Internet_user_per1000	0.89827	-0.01416
Per_agriculture_share_in_GDP	Per_agriculture_share_in_GDP	-0.71730	0.48602
Public_health_expenditure	Public_health_expenditure	0.50917	0.59247

Variance Explained by Each Factor	
Factor1	**Factor2**
2.4982586	1.0416435

Final Communality Estimates: Total = 3.539902				
Annual_growth_gdp	**GDP**	**Internet_user_per1000**	**Per_agriculture_share_in_GDP**	**Public_health_expenditure**
0.57726702	0.79455725	0.80708224	0.75072806	0.61026753

The FACTOR Procedure

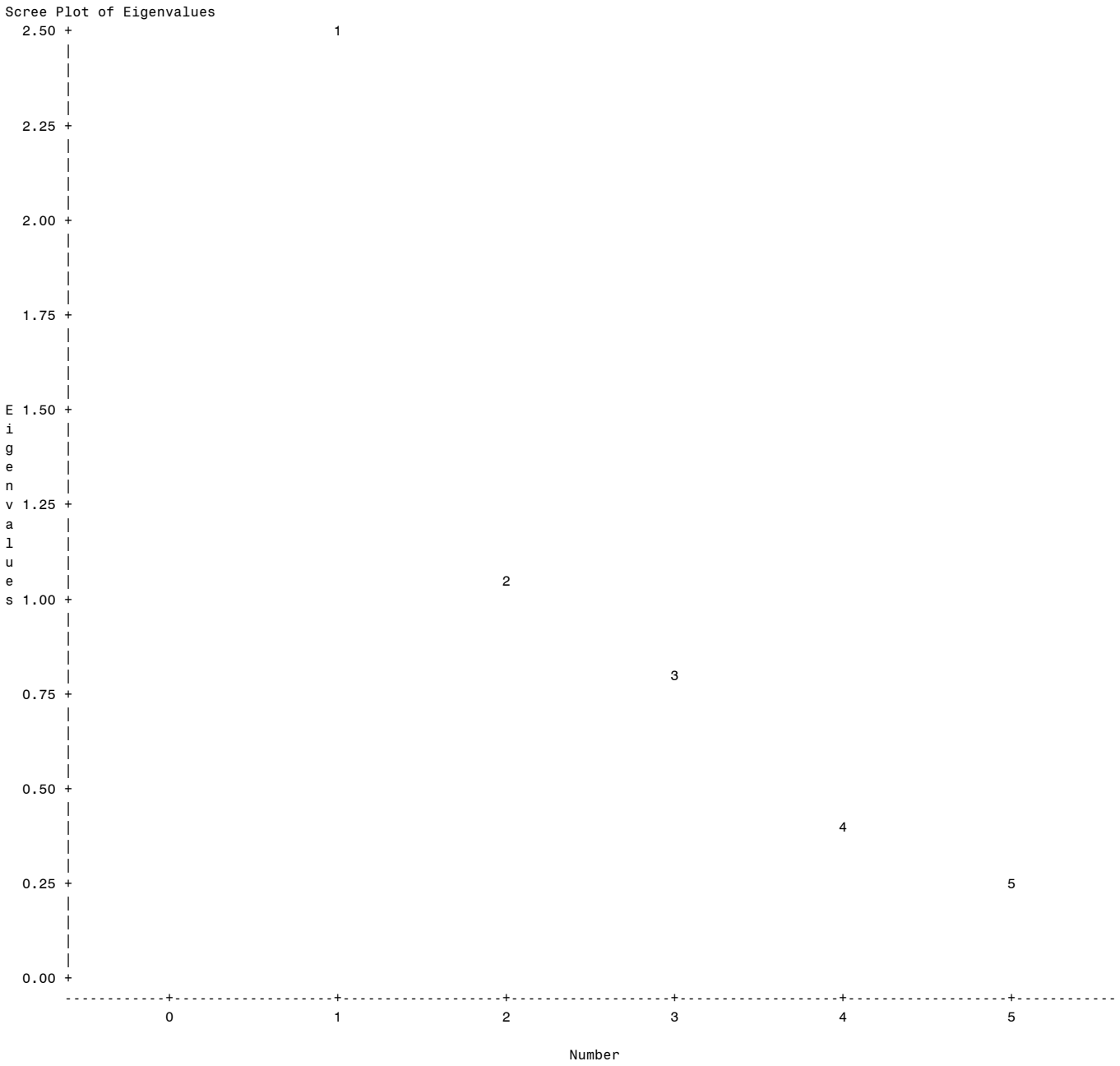
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	145
N for Significance Tests	145

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 5 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	2.49825856	1.45661503	0.4997	0.4997
2	1.04164353	0.24029853	0.2083	0.7080
3	0.80134500	0.39551173	0.1603	0.8682
4	0.40583327	0.15291362	0.0812	0.9494
5	0.25291965		0.0506	1.0000

2 factors will be retained by the NFACTOR criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern			
		Factor1	Factor2
Annual_growth_gdp	Annual_growth_gdp	0.42690	0.62851
GDP	GDP	0.85753	-0.24330
Internet_user_per1000	Internet_user_per1000	0.89827	-0.01416
Per_agriculture_share_in_GDP	Per_agriculture_share_in_GDP	-0.71730	0.48602
Public_health_expenditure	Public_health_expenditure	0.50917	0.59247

Variance Explained by Each Factor	
Factor1	**Factor2**
2.4982586	1.0416435

Final Communality Estimates: Total = 3.539902				
Annual_growth_gdp	**GDP**	**Internet_user_per1000**	**Per_agriculture_share_in_GDP**	**Public_health_expenditure**
0.57726702	0.79455725	0.80708224	0.75072806	0.61026753

The FACTOR Procedure
Initial Factor Method: Principal Components

Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor	
Factor1	**Factor2**
1.0000000	1.0000000

Standardized Scoring Coefficients			
		Factor1	**Factor2**
Annual_growth_gdp	Annual_growth_gdp	0.17088	0.60338
GDP	GDP	0.34325	-0.23357
Internet_user_per1000	Internet_user_per1000	0.35956	-0.01360
Per_agriculture_share_in_GDP	Per_agriculture_share_in_GDP	-0.28712	0.46659
Public_health_expenditure	Public_health_expenditure	0.20381	0.56878

The CORR Procedure

7 Variables:	Suppresson_of_civil_liberty Satisfaction_with_life Institutional_quality new_Human_rights Hunger Freedom_choose Freedom_of_speech

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Suppresson_of_civil_liberty	147	2.52200	1.64899	370.73333	0	6.83333	Suppresson_of_civil_liberty
Satisfaction_with_life	147	5.86259	1.31119	861.80000	2.60000	8.50000	Satisfaction_with_life
Institutional_quality	147	0.97401	1.44801	143.18000	-1.83000	3.45000	Institutional_quality
new_Human_rights	69	71.69565	20.93990	4947	21.00000	99.00000	
Hunger	147	15.14286	16.22867	2226	0	57.50000	Hunger
Freedom_choose	147	0.00928	0.42587	1.36419	-1.67139	1.22120	Freedom_choose
Freedom_of_speech	147	312.44218	291.08628	45929	0	893.00000	Freedom_of_speech

The CORR Procedure

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations				
	Suppresson_of_civil_liberty	**Satisfaction_with_life**	**Institutional_quality**	**new_Human_rights**
Suppresson_of_civil_liberty Suppresson_of_civil_liberty	1.00000 147	-0.24024 0.0034 147	-0.19663 0.0170 147	-0.87644 <.0001 69
Satisfaction_with_life Satisfaction_with_life	-0.24024 0.0034 147	1.00000 147	0.66085 <.0001 147	0.58162 <.0001 69
Institutional_quality Institutional_quality	-0.19663 0.0170 147	0.66085 <.0001 147	1.00000 147	0.76093 <.0001 69
new_Human_rights	-0.87644 <.0001 69	0.58162 <.0001 69	0.76093 <.0001 69	1.00000 69
Hunger Hunger	0.17248 0.0367 147	-0.63577 <.0001 147	-0.64718 <.0001 147	-0.51521 <.0001 69
Freedom_choose Freedom_choose	-0.50845 <.0001 147	0.40180 <.0001 147	0.47122 <.0001 147	0.75246 <.0001 69
Freedom_of_speech Freedom_of_speech	0.79508 <.0001 147	-0.02775 0.7386 147	0.04442 0.5932 147	-0.85442 <.0001 69

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations			
	Hunger	**Freedom_choose**	**Freedom_of_speech**
Suppresson_of_civil_liberty Suppresson_of_civil_liberty	0.17248 0.0367 147	-0.50845 <.0001 147	0.79508 <.0001 147
Satisfaction_with_life Satisfaction_with_life	-0.63577 <.0001 147	0.40180 <.0001 147	-0.02775 0.7386 147
Institutional_quality Institutional_quality	-0.64718 <.0001 147	0.47122 <.0001 147	0.04442 0.5932 147
new_Human_rights	-0.51521 <.0001 69	0.75246 <.0001 69	-0.85442 <.0001 69
Hunger Hunger	1.00000 147	-0.20688 0.0119 147	-0.13881 0.0936 147
Freedom_choose Freedom_choose	-0.20688 0.0119 147	1.00000 147	-0.44699 <.0001 147
Freedom_of_speech Freedom_of_speech	-0.13881 0.0936 147	-0.44699 <.0001 147	1.00000 147

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	69
N for Significance Tests	69

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 7 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
1	5.00752539	4.19512302	0.7154	0.7154
2	0.81240237	0.30806491	0.1161	0.8314
3	0.50433746	0.16582710	0.0720	0.9035
4	0.33851036	0.14280075	0.0484	0.9518
5	0.19570961	0.09611220	0.0280	0.9798
6	0.09959741	0.05768002	0.0142	0.9940
7	0.04191740		0.0060	1.0000

1 factor will be retained by the MINEIGEN criterion.

Factor Pattern		
		Factor1
Suppresson_of_civil_liberty	Suppresson_of_civil_liberty	-0.93935
Satisfaction_with_life	Satisfaction_with_life	0.71237
Institutional_quality	Institutional_quality	0.90740
new_Human_rights		0.91630
Hunger	Hunger	-0.65104
Freedom_choose	Freedom_choose	0.82701
Freedom_of_speech	Freedom_of_speech	-0.92028

Variance Explained by Each Factor
Factor1
5.0075254

Final Communality Estimates: Total = 5.007525				
Suppresson_of_civil_liberty	Satisfaction_with_life	Institutional_quality	new_Human_rights	Hunger
0.88237142	0.50747645	0.82337584	0.83960570	0.42384765

Freedom_choose	Freedom_of_speech
0.68393779	0.84691055

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	69
N for Significance Tests	69

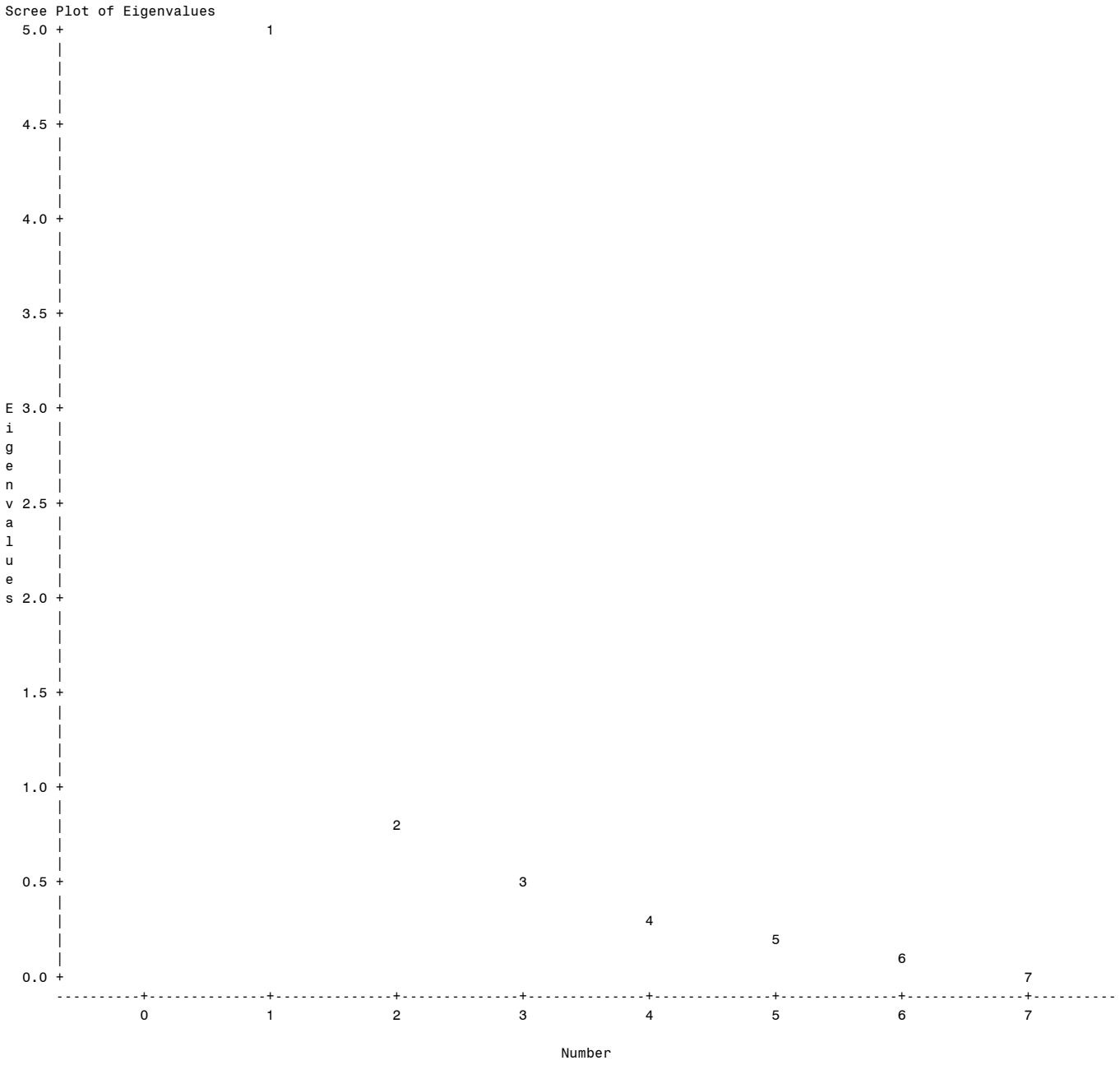
The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 7 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	5.00752539	4.19512302	0.7154	0.7154
2	0.81240237	0.30806491	0.1161	0.8314
3	0.50433746	0.16582710	0.0720	0.9035
4	0.33851036	0.14280075	0.0484	0.9518
5	0.19570961	0.09611220	0.0280	0.9798
6	0.09959741	0.05768002	0.0142	0.9940
7	0.04191740		0.0060	1.0000

1 factor will be retained by the MINEIGEN criterion.

The FACTOR Procedure
Initial Factor Method: Principal Components



Factor Pattern		
		Factor1
Suppresson_of_civil_liberty	Suppresson_of_civil_liberty	-0.93935
Satisfaction_with_life	Satisfaction_with_life	0.71237
Institutional_quality	Institutional_quality	0.90740
new_Human_rights		0.91630
Hunger	Hunger	-0.65104
Freedom_choose	Freedom_choose	0.82701
Freedom_of_speech	Freedom_of_speech	-0.92028

The FACTOR Procedure
Initial Factor Method: Principal Components

Variance Explained by Each Factor
Factor1
5.0075254

Final Communality Estimates: Total = 5.007525				
Suppresson_of_civil_liberty	**Satisfaction_with_life**	**Institutional_quality**	**new_Human_rights**	**Hunger**
0.88237142	0.50747645	0.82337584	0.83960570	0.42384765

Freedom_choose	Freedom_of_speech
0.68393779	0.84691055

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	69
N for Significance Tests	69

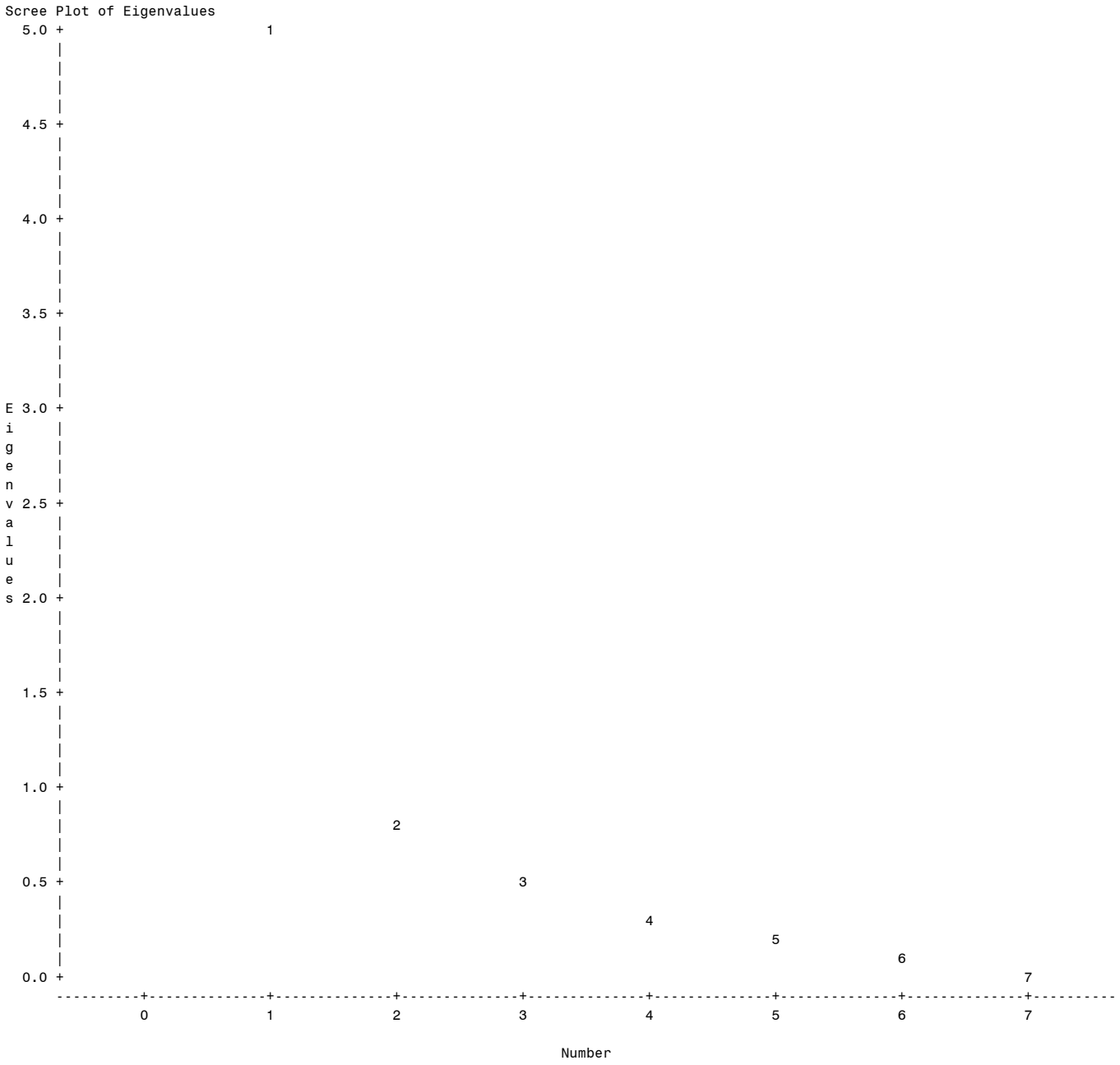
The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 7 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	5.00752539	4.19512302	0.7154	0.7154
2	0.81240237	0.30806491	0.1161	0.8314
3	0.50433746	0.16582710	0.0720	0.9035
4	0.33851036	0.14280075	0.0484	0.9518
5	0.19570961	0.09611220	0.0280	0.9798
6	0.09959741	0.05768002	0.0142	0.9940
7	0.04191740		0.0060	1.0000

2 factors will be retained by the NFACTOR criterion.

The FACTOR Procedure
Initial Factor Method: Principal Components



Factor Pattern			
		Factor1	**Factor2**
Suppresson_of_civil_liberty	Suppresson_of_civil_liberty	-0.93935	-0.18035
Satisfaction_with_life	Satisfaction_with_life	0.71237	-0.36665
Institutional_quality	Institutional_quality	0.90740	-0.07155
new_Human_rights		0.91630	0.13982
Hunger	Hunger	-0.65104	0.68656
Freedom_choose	Freedom_choose	0.82701	0.28730
Freedom_of_speech	Freedom_of_speech	-0.92028	-0.25858

The FACTOR Procedure
Initial Factor Method: Principal Components

Variance Explained by Each Factor	
Factor1	**Factor2**
5.0075254	0.8124024

Final Communality Estimates: Total = 5.819928				
Suppresson_of_civil_liberty	**Satisfaction_with_life**	**Institutional_quality**	**new_Human_rights**	**Hunger**
0.91489649	0.64190914	0.82849468	0.85915630	0.89521844

Freedom_choose	Freedom_of_speech
0.76647983	0.91377288

The FACTOR Procedure
Initial Factor Method: Principal Components

Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor	
Factor1	**Factor2**
1.0000000	1.0000000

Standardized Scoring Coefficients			
		Factor1	**Factor2**
Suppresson_of_civil_liberty	Suppresson_of_civil_liberty	-0.18759	-0.22199
Satisfaction_with_life	Satisfaction_with_life	0.14226	-0.45132
Institutional_quality	Institutional_quality	0.18121	-0.08807
new_Human_rights		0.18298	0.17211
Hunger	Hunger	-0.13001	0.84510
Freedom_choose	Freedom_choose	0.16515	0.35364
Freedom_of_speech	Freedom_of_speech	-0.18378	-0.31829

The CORR Procedure

4 Variables:	Alchohol_consumption Belif_in_god Control_of_corruption new_Human_rights

Simple Statistics							
Variable	**N**	**Mean**	**Std Dev**	**Sum**	**Minimum**	**Maximum**	**Label**
Alchohol_consumption	147	3.27041	3.61634	480.75000	0	13.40000	Alchohol_consumption
Belif_in_god	147	0.54415	0.79879	79.99000	0	2.96333	Belif_in_god
Control_of_corruption	147	0.05213	0.70288	7.66320	-0.93340	1.86760	Control_of_corruption
new_Human_rights	69	71.69565	20.93990	4947	21.00000	99.00000	

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	Alchohol_consumption	**Belif_in_god**	**Control_of_corruption**	**new_Human_rights**
Alchohol_consumption Alchohol_consumption	1.00000 147	0.53773 <.0001 147	0.56416 <.0001 147	0.71980 <.0001 69
Belif_in_god Belif_in_god	0.53773 <.0001 147	1.00000 147	0.43919 <.0001 147	0.44148 0.0001 69
Control_of_corruption Control_of_corruption	0.56416 <.0001 147	0.43919 <.0001 147	1.00000 147	0.71418 <.0001 69
new_Human_rights	0.71980 <.0001 69	0.44148 0.0001 69	0.71418 <.0001 69	1.00000 69

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	69
N for Significance Tests	69

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 4 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
1	2.71314242	2.04925180	0.6783	0.6783
2	0.66389062	0.27751478	0.1660	0.8443
3	0.38637584	0.14978471	0.0966	0.9409
4	0.23659113		0.0591	1.0000

1 factor will be retained by the MINEIGEN criterion.

Factor Pattern		
		Factor1
Alchohol_consumption	Alchohol_consumption	0.86956
Belif_in_god	Belif_in_god	0.68713
Control_of_corruption	Control_of_corruption	0.83276
new_Human_rights		0.88959

Variance Explained by Each Factor
Factor1
2.7131424

Final Communality Estimates: Total = 2.713142			
Alchohol_consumption	Belif_in_god	Control_of_corruption	new_Human_rights
0.75613106	0.47215203	0.69348348	0.79137585

The FACTOR Procedure

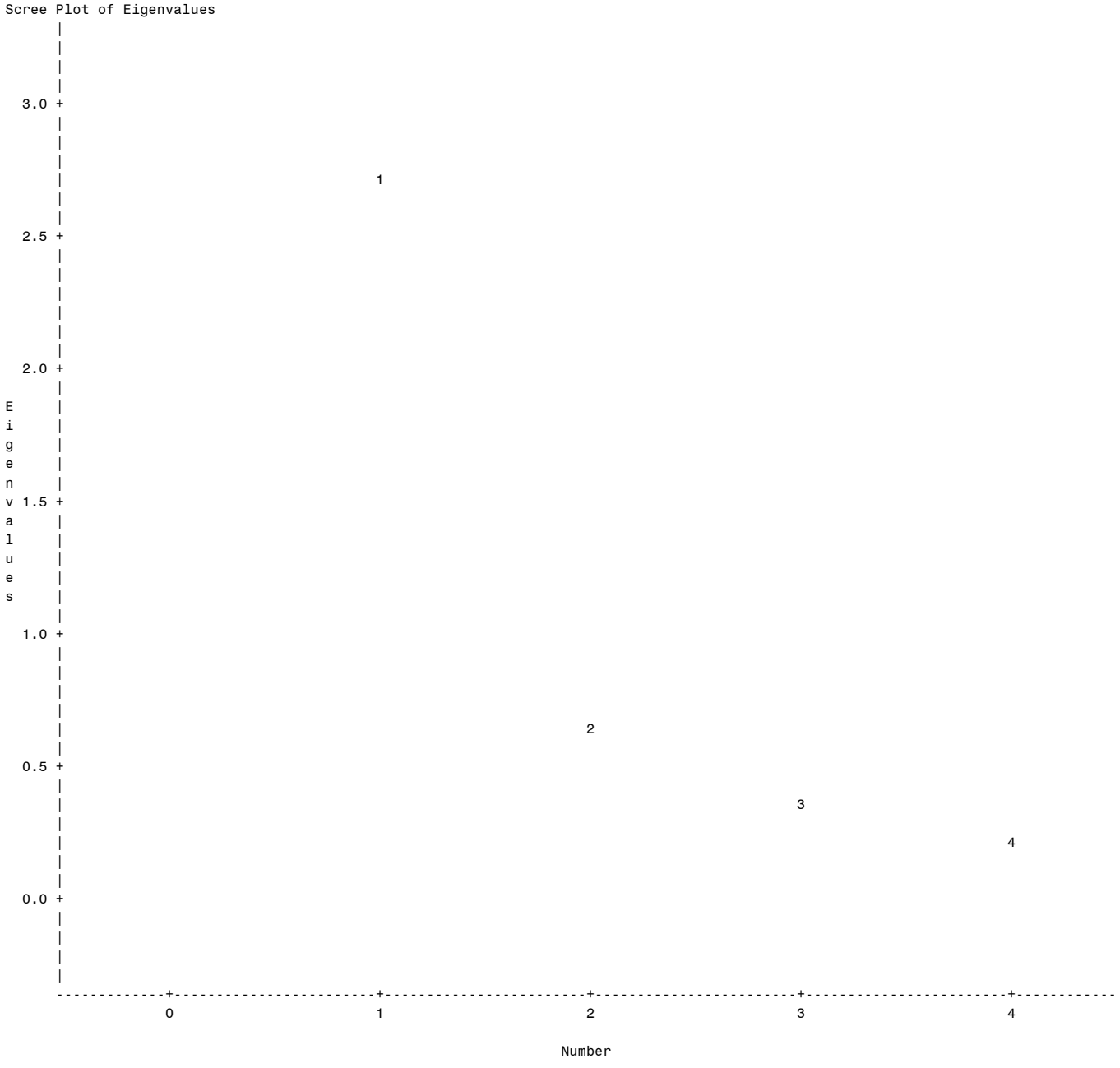
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	69
N for Significance Tests	69

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 4 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	2.71314242	2.04925180	0.6783	0.6783
2	0.66389062	0.27751478	0.1660	0.8443
3	0.38637584	0.14978471	0.0966	0.9409
4	0.23659113		0.0591	1.0000

1 factor will be retained by the MINEIGEN criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern		
		Factor1
Alchohol_consumption	Alchohol_consumption	0.86956
Belif_in_god	Belif_in_god	0.68713
Control_of_corruption	Control_of_corruption	0.83276
new_Human_rights		0.88959

Variance Explained by Each Factor
Factor1
2.7131424

Final Communality Estimates: Total = 2.713142			
Alchohol_consumption	**Belif_in_god**	**Control_of_corruption**	**new_Human_rights**
0.75613106	0.47215203	0.69348348	0.79137585

The FACTOR Procedure

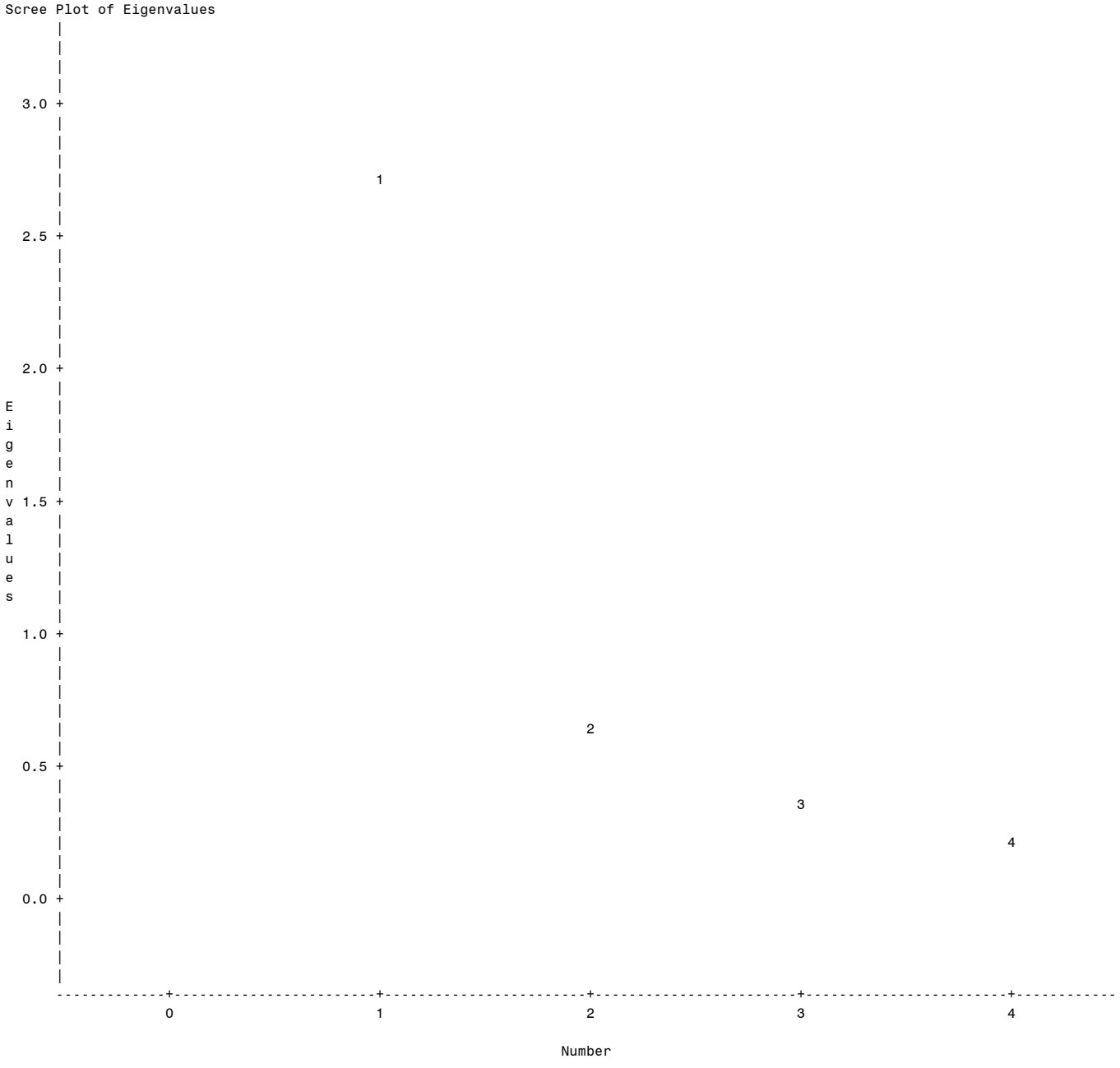
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	69
N for Significance Tests	69

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 4 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	2.71314242	2.04925180	0.6783	0.6783
2	0.66389062	0.27751478	0.1660	0.8443
3	0.38637584	0.14978471	0.0966	0.9409
4	0.23659113		0.0591	1.0000

2 factors will be retained by the NFACTOR criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern			
		Factor1	Factor2
Alchohol_consumption	Alchohol_consumption	0.86956	-0.00359
Belif_in_god	Belif_in_god	0.68713	0.70853
Control_of_corruption	Control_of_corruption	0.83276	-0.31900
new_Human_rights		0.88959	-0.24516

Variance Explained by Each Factor	
Factor1	Factor2
2.7131424	0.6638906

Final Communality Estimates: Total = 3.377033			
Alchohol_consumption	Belif_in_god	Control_of_corruption	new_Human_rights
0.75614391	0.97416816	0.79524298	0.85147799

The FACTOR Procedure
Initial Factor Method: Principal Components

Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor	
Factor1	**Factor2**
1.0000000	1.0000000

Standardized Scoring Coefficients			
		Factor1	**Factor2**
Alchohol_consumption	Alchohol_consumption	0.32050	-0.00540
Belif_in_god	Belif_in_god	0.25326	1.06724
Control_of_corruption	Control_of_corruption	0.30693	-0.48050
new_Human_rights		0.32788	-0.36927

The FACTOR Procedure

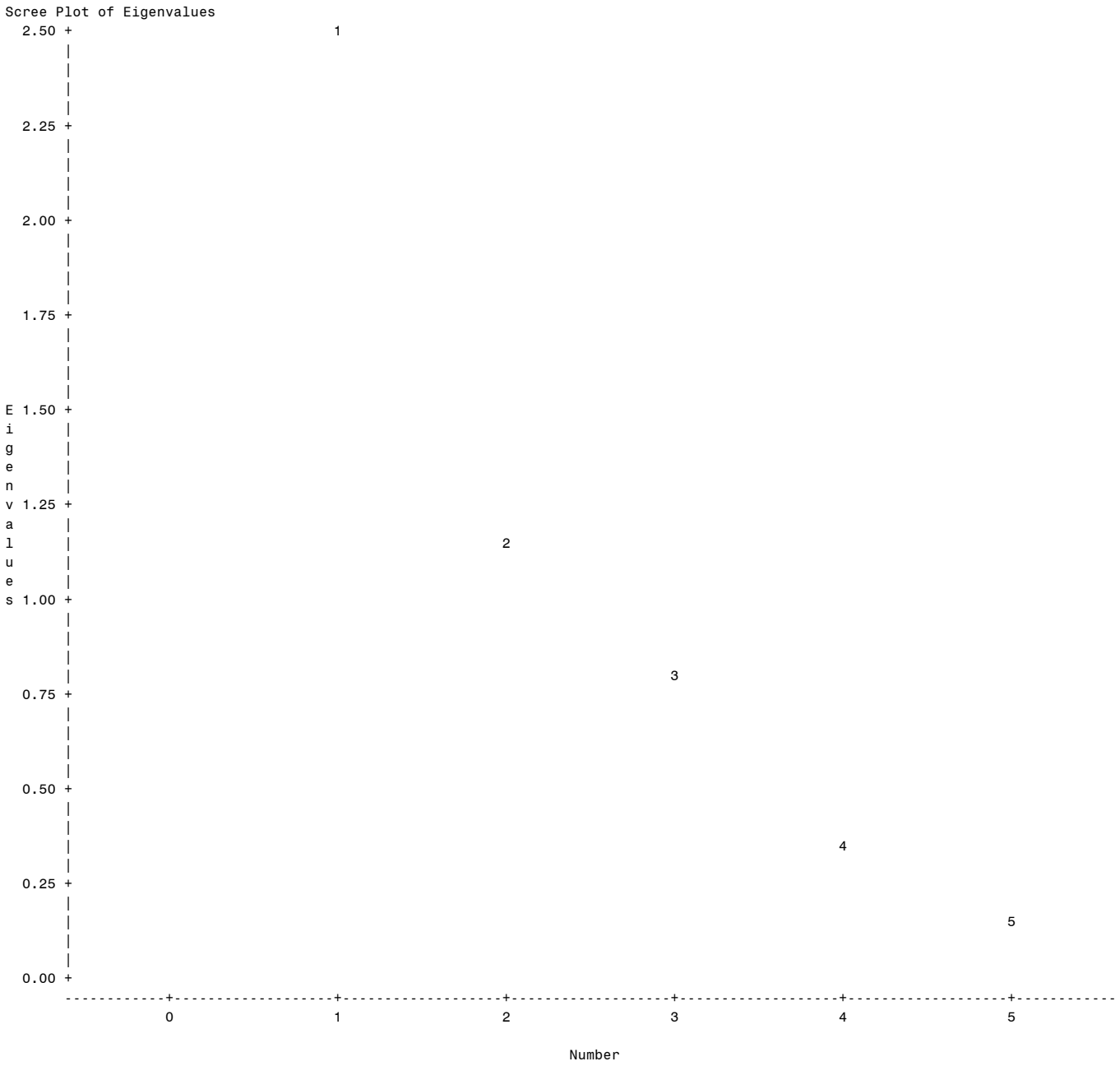
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	57
N for Significance Tests	57

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 5 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	2.52018028	1.36124461	0.5040	0.5040
2	1.15893566	0.33674224	0.2318	0.7358
3	0.82219343	0.45471047	0.1644	0.9003
4	0.36748295	0.23627527	0.0735	0.9738
5	0.13120768		0.0262	1.0000

2 factors will be retained by the MINEIGEN criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern			
		Factor1	**Factor2**
new_Gini_Index		0.87774	-0.16267
new_Inequality_in_income		0.82605	-0.36784
Accept_of_incomeinequality	Accept_of_incomeinequality	-0.14315	0.81537
new_Human_rights		-0.71098	-0.50547
Hunger	Hunger	0.73580	0.27720

Variance Explained by Each Factor	
Factor1	**Factor2**
2.5201803	1.1589357

Final Communality Estimates: Total = 3.679116				
new_Gini_Index	**new_Inequality_in_income**	**Accept_of_incomeinequality**	**new_Human_rights**	**Hunger**
0.79688003	0.81766892	0.68532099	0.76099939	0.61824660

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	61
N for Significance Tests	61

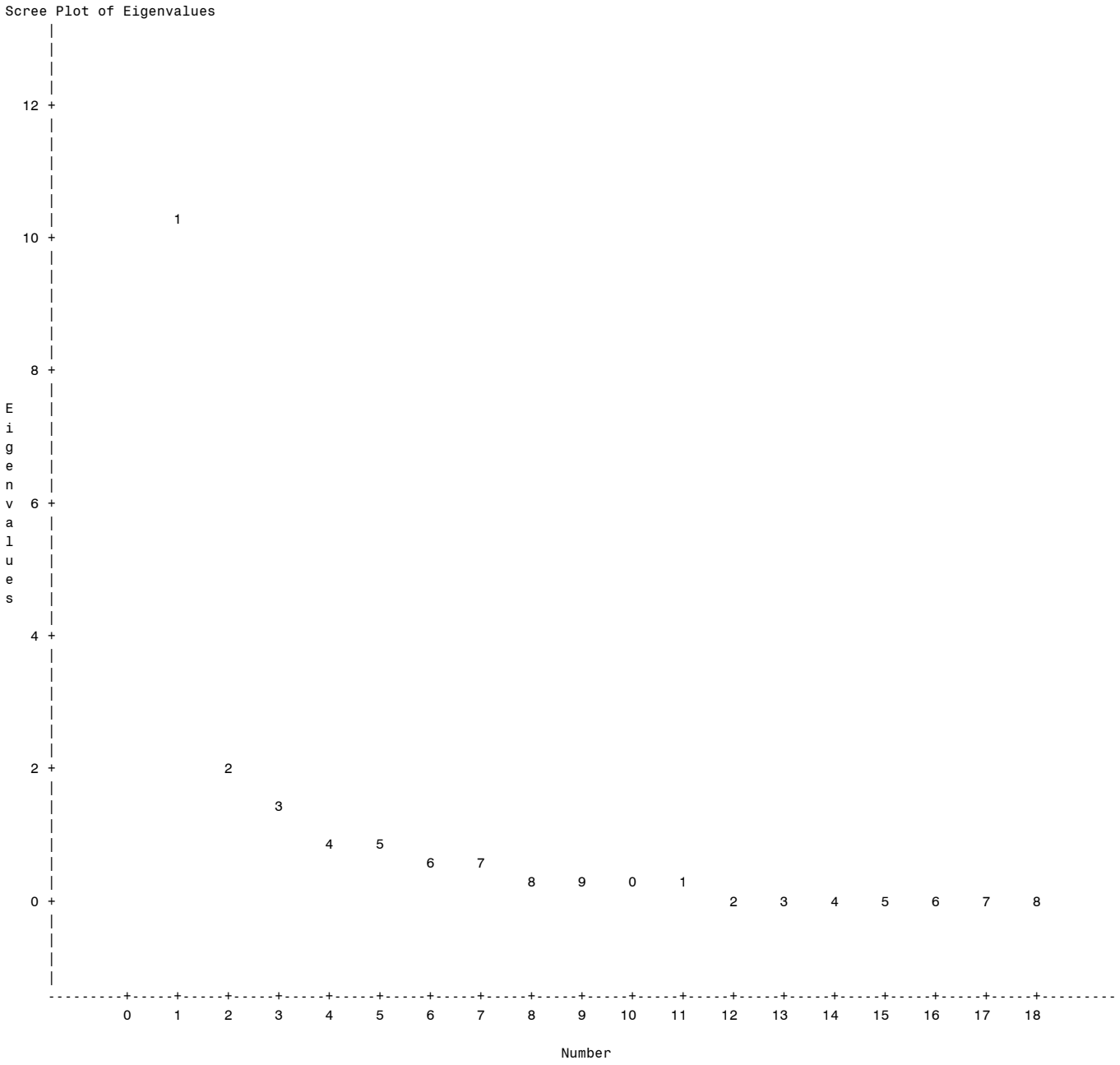
The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 18 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
1	10.3889480	8.3590957	0.5772	0.5772
2	2.0298523	0.6332077	0.1128	0.6899
3	1.3966445	0.4258250	0.0776	0.7675
4	0.9708196	0.1077272	0.0539	0.8215
5	0.8630924	0.2911231	0.0479	0.8694
6	0.5719693	0.1348817	0.0318	0.9012
7	0.4370876	0.0876652	0.0243	0.9255
8	0.3494224	0.1065630	0.0194	0.9449
9	0.2428594	0.0493178	0.0135	0.9584
10	0.1935416	0.0041245	0.0108	0.9691
11	0.1894171	0.0707450	0.0105	0.9796
12	0.1186721	0.0106166	0.0066	0.9862
13	0.1080555	0.0278856	0.0060	0.9922
14	0.0801699	0.0450467	0.0045	0.9967
15	0.0351232	0.0107981	0.0020	0.9986
16	0.0243251	0.0243251	0.0014	1.0000
17	0.0000000	0.0000000	0.0000	1.0000
18	0.0000000		0.0000	1.0000

3 factors will be retained by the MINEIGEN criterion.

The FACTOR Procedure
Initial Factor Method: Principal Components



Factor Pattern				
		Factor1	**Factor2**	**Factor3**
HDI	HDI	0.91037	0.08935	-0.21714
new_Human_rights		0.88571	0.24730	-0.09533
Hunger	Hunger	-0.72741	0.26928	0.49534
new_Inequality_in_income		-0.36496	0.61050	0.14158
Economic_Freedom_Index	Economic_Freedom_Index	0.81889	0.12820	0.12206
Freedom_choose	Freedom_choose	0.82836	0.30102	0.13338
Freedom_of_speech	Freedom_of_speech	-0.88062	-0.21556	-0.17281
Institutional_quality	Institutional_quality	0.93032	-0.02859	0.00181

The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern				
		Factor1	**Factor2**	**Factor3**
Alchohol_consumption	Alchohol_consumption	0.77802	-0.16034	-0.03573
Belif_in_god	Belif_in_god	0.61941	-0.26511	0.44461
Public_acceptance_of_suicide	Public_acceptance_of_suicide	0.74419	-0.48786	0.26998
Control_of_corruption	Control_of_corruption	0.93164	-0.05642	-0.04150
Average_self_ratedhealth	Average_self_ratedhealth	0.34273	-0.72799	0.45750
Public_health_expenditure	Public_health_expenditure	0.18675	0.38161	0.48684
Satisfaction_with_life	Satisfaction_with_life	0.62628	0.40536	-0.07685
Suppresson_of_civil_liberty	Suppresson_of_civil_liberty	-0.92015	-0.22448	-0.17943
new_Human_rights		0.88571	0.24730	-0.09533
Hunger	Hunger	-0.72741	0.26928	0.49534

Variance Explained by Each Factor		
Factor1	**Factor2**	**Factor3**
10.388948	2.029852	1.396645

Final Communality Estimates: Total = 13.815445						
HDI	**new_Human_rights**	**Hunger**	**new_Inequality_in_income**	**Economic_Freedom_Index**	**Freedom_choose**	**Freedom_of_speech**
0.88391263	0.85471948	0.84700364	0.52595485	0.70192220	0.79458600	0.85182318

Institutional_quality	Alchohol_consumption	Belif_in_god	Public_acceptance_of_suicide	Control_of_corruption	Average_self_ratedhealth
0.86632141	0.63230273	0.65162529	0.86471735	0.87285609	0.85674081

Public_health_expenditure	Satisfaction_with_life	Suppresson_of_civil_liberty	new_Human_rights	Hunger
0.41751852	0.56245061	0.92926686	0.85471948	0.84700364

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	78
N for Significance Tests	78

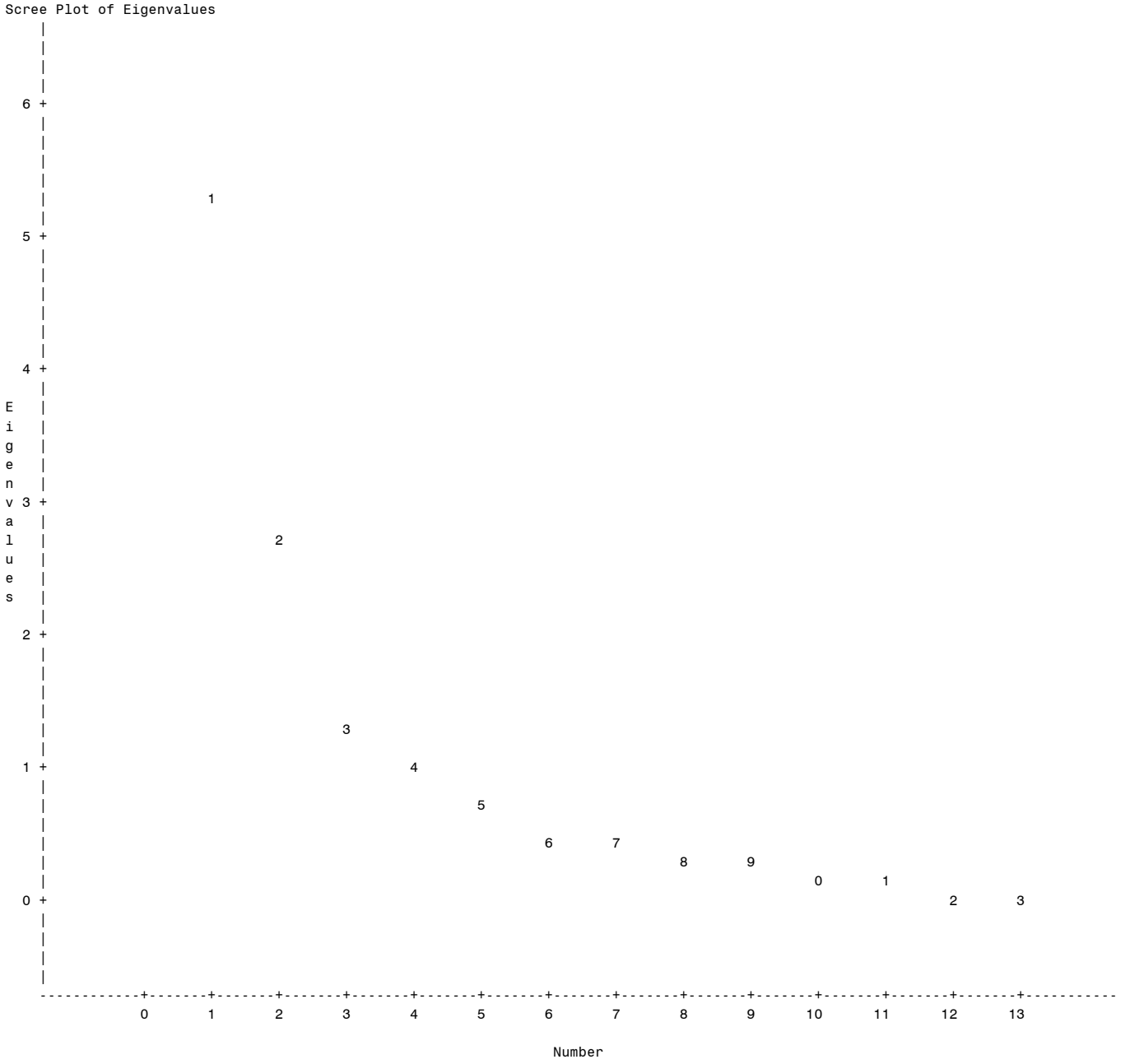
The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 13 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	5.28360657	2.50705820	0.4064	0.4064
2	2.77654837	1.52122933	0.2136	0.6200
3	1.25531905	0.25265367	0.0966	0.7166
4	1.00266538	0.23284854	0.0771	0.7937
5	0.76981684	0.34418491	0.0592	0.8529
6	0.42563193	0.02511378	0.0327	0.8857
7	0.40051815	0.05674604	0.0308	0.9165
8	0.34377211	0.03467601	0.0264	0.9429
9	0.30909609	0.10646395	0.0238	0.9667
10	0.20263214	0.01127739	0.0156	0.9823
11	0.19135476	0.15237801	0.0147	0.9970
12	0.03897675	0.03891489	0.0030	1.0000
13	0.00006186		0.0000	1.0000

4 factors will be retained by the MINEIGEN criterion.

The FACTOR Procedure
Initial Factor Method: Principal Components



Factor Pattern					
		Factor1	**Factor2**	**Factor3**	**Factor4**
Annual_growth_gdp	Annual_growth_gdp	0.34457	0.06742	-0.42412	0.67120
Government_size	Government_size	0.47170	0.73581	-0.31453	-0.16539
Govt_Effenessectiv	Govt_Effenessectiv	0.93860	-0.02063	0.05006	0.11671
Govt_inter_in_the_economy	Govt_inter_in_the_economy	-0.08800	0.87314	-0.10700	-0.00622
new_Inequality_in_income		-0.37718	0.55121	0.52562	-0.09534
Institutional_quality	Institutional_quality	0.92362	0.05284	-0.02055	0.04664
Internet_user_per1000	Internet_user_per1000	0.83060	-0.26907	0.00529	0.01700
Per_agriculture_share_in_GDP	Per_agriculture_share_in_GDP	-0.71425	0.25631	-0.15471	0.33150

The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern					
		Factor1	**Factor2**	**Factor3**	**Factor4**
Public_acceptance_of_suicide	Public_acceptance_of_suicide	0.72737	-0.34377	-0.12487	0.00451
Public_health_expenditure	Public_health_expenditure	0.38323	0.85380	-0.28088	-0.14256
Satisfaction_with_life	Satisfaction_with_life	0.64190	0.28425	0.47242	-0.01908
Suppresson_of_civil_liberty	Suppresson_of_civil_liberty	-0.86587	0.01415	-0.17966	0.16181
new_World_giving_Index		0.14341	0.30807	0.55852	0.58550

Variance Explained by Each Factor			
Factor1	**Factor2**	**Factor3**	**Factor4**
5.2836066	2.7765484	1.2553190	1.0026654

Final Communality Estimates: Total = 10.318139				
Annual_growth_gdp	**Government_size**	**Govt_Effenessectiv**	**Govt_inter_in_the_economy**	**new_Inequality_in_income**
0.75366717	0.89020248	0.89753121	0.78160790	0.73146530

Institutional_quality	**Internet_user_per1000**	**Per_agriculture_share_in_GDP**	**Public_acceptance_of_suicide**
0.85846131	0.76261022	0.70967864	0.66285520

Public_health_expenditure	**Satisfaction_with_life**	**Suppresson_of_civil_liberty**	**new_World_giving_Index**
0.97505706	0.71638156	0.80839207	0.77022925

The FACTOR Procedure
Rotation Method: Varimax

Orthogonal Transformation Matrix				
	1	2	3	4
1	0.94630	0.21407	0.05675	0.23553
2	-0.20260	0.90649	0.35776	-0.09611
3	0.17071	-0.31278	0.73381	-0.57840
4	-0.18529	-0.18606	0.57472	0.77508

Rotated Factor Pattern					
		Factor1	Factor2	Factor3	Factor4
Annual_growth_gdp	Annual_growth_gdp	0.11564	0.14265	0.11820	0.84022
Government_size	Government_size	0.27424	0.89713	-0.03586	0.09412
Govt_Effenessectiv	Govt_Effenessectiv	0.87930	0.14485	0.14969	0.28455
Govt_inter_in_the_economy	Govt_inter_in_the_economy	-0.27729	0.80728	0.22529	-0.04758
new_Inequality_in_income		-0.36120	0.27227	0.50671	-0.51973
Institutional_quality	Institutional_quality	0.85116	0.24337	0.08304	0.26050
Internet_user_per1000	Internet_user_per1000	0.83826	-0.07092	-0.03548	0.23161
Per_agriculture_share_in_GDP	Per_agriculture_share_in_GDP	-0.81566	0.06616	0.12816	0.15356
Public_acceptance_of_suicide	Public_acceptance_of_suicide	0.73580	-0.11770	-0.17076	0.28008
Public_health_expenditure	Public_health_expenditure	0.16814	0.97038	0.03916	0.06017
Satisfaction_with_life	Satisfaction_with_life	0.63403	0.25087	0.47382	-0.16416
Suppresson_of_civil_liberty	Suppresson_of_civil_liberty	-0.88289	-0.14644	-0.08292	0.02403
new_World_giving_Index		0.06016	0.02633	0.86470	0.13492

Variance Explained by Each Factor			
Factor1	Factor2	Factor3	Factor4
4.9163361	2.6812063	1.3795401	1.3410569

Final Communality Estimates: Total = 10.318139				
Annual_growth_gdp	Government_size	Govt_Effenessectiv	Govt_inter_in_the_economy	new_Inequality_in_income
0.75366717	0.89020248	0.89753121	0.78160790	0.73146530

Institutional_quality	Internet_user_per1000	Per_agriculture_share_in_GDP	Public_acceptance_of_suicide
0.85846131	0.76261022	0.70967864	0.66285520

Public_health_expenditure	Satisfaction_with_life	Suppresson_of_civil_liberty	new_World_giving_Index
0.97505706	0.71638156	0.80839207	0.77022925

The FACTOR Procedure

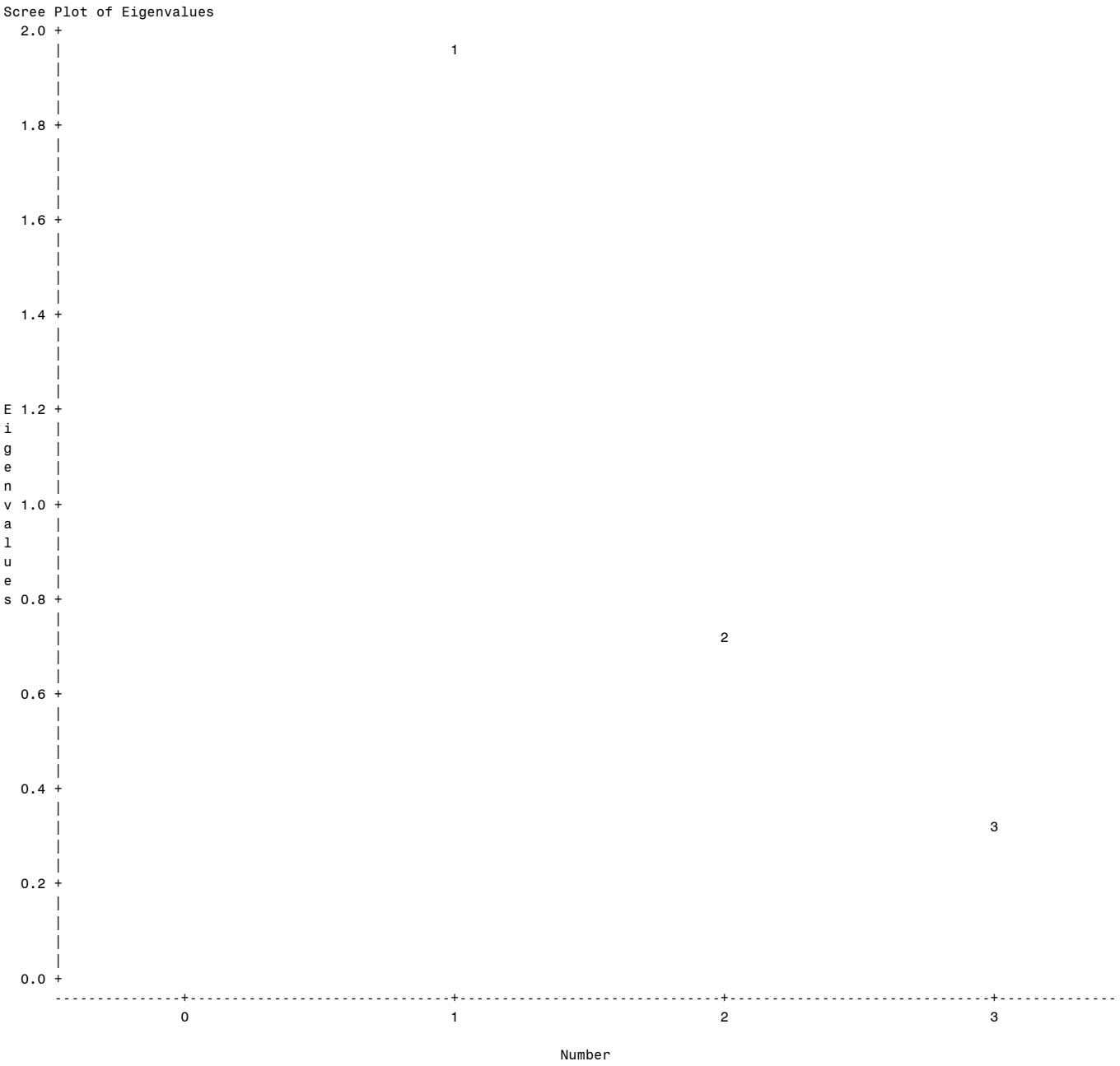
Input Data Type	Raw Data
Number of Records Read	147
Number of Records Used	147
N for Significance Tests	147

The FACTOR Procedure
Initial Factor Method: Principal Components

Prior Communality Estimates: ONE

Eigenvalues of the Correlation Matrix: Total = 3 Average = 1				
	Eigenvalue	**Difference**	**Proportion**	**Cumulative**
1	1.96423348	1.25293360	0.6547	0.6547
2	0.71129988	0.38683323	0.2371	0.8918
3	0.32446665		0.1082	1.0000

3 factors will be retained by the NFACTOR criterion.



The FACTOR Procedure
Initial Factor Method: Principal Components

Factor Pattern				
		Factor1	**Factor2**	**Factor3**
Government_size	Government_size	0.88557	-0.19577	-0.42123
Govt_Effenessectiv	Govt_Effenessectiv	0.68224	0.72641	0.08292
Govt_inter_in_the_economy	Govt_inter_in_the_economy	0.84531	-0.38118	0.37437

Variance Explained by Each Factor		
Factor1	**Factor2**	**Factor3**
1.9642335	0.7112999	0.3244666

Final Communality Estimates: Total = 3.000000		
Government_size	**Govt_Effenessectiv**	**Govt_inter_in_the_economy**
1.0000000	1.0000000	1.0000000

The FACTOR Procedure
Initial Factor Method: Principal Components

Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor		
Factor1	**Factor2**	**Factor3**
1.0000000	1.0000000	1.0000000

Standardized Scoring Coefficients				
		Factor1	**Factor2**	**Factor3**
Government_size	Government_size	0.45085	-0.27523	-1.29823
Govt_Effenessectiv	Govt_Effenessectiv	0.34733	1.02125	0.25557
Govt_inter_in_the_economy	Govt_inter_in_the_economy	0.43035	-0.53590	1.15380

The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

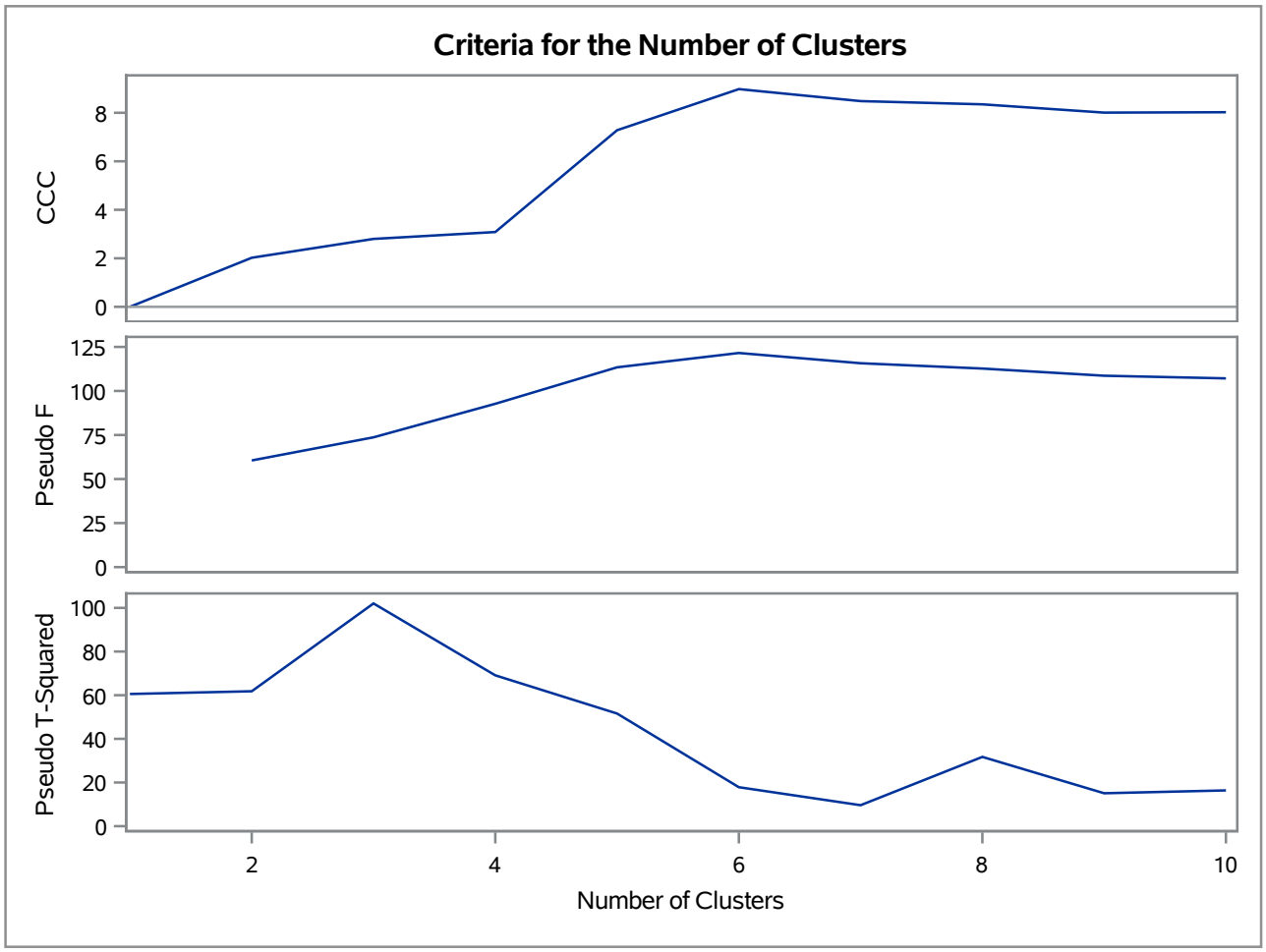
Eigenvalues of the Covariance Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	1.00000000	0.00000000	0.3333	0.3333
2	1.00000000	0.00000000	0.3333	0.6667
3	1.00000000		0.3333	1.0000

Root-Mean-Square Total-Sample Standard Deviation	1

Root-Mean-Square Distance Between Observations	2.44949

Cluster History										
Number of Clusters	Clusters Joined		Freq	Semipartial R-Square	R-Square	Approximate Expected R-Square	Cubic Clustering Criterion	Pseudo F Statistic	Pseudo t-Squared	Tie
10	CL19	CL42	21	0.0091	.876	.811	8.02	107	16.4	
9	CL18	CL55	13	0.0126	.863	.794	8.01	109	15.1	
8	CL17	CL25	34	0.0128	.850	.773	8.35	113	31.7	
7	CL9	CL16	17	0.0180	.832	.749	8.48	116	9.6	
6	CL11	CL14	34	0.0205	.812	.717	8.98	122	17.9	
5	CL10	CL12	44	0.0501	.762	.676	7.28	113	51.6	
4	CL8	CL7	51	0.1012	.660	.618	3.08	92.7	69.1	
3	CL6	CL13	52	0.1547	.506	.459	2.80	73.7	102	
2	CL3	CL5	96	0.2112	.295	.260	2.02	60.5	61.8	
1	CL4	CL2	147	0.2946	.000	.000	0.00	.	60.5	

The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis



The CLUSTER Procedure
Ward's Minimum Variance Cluster Analysis

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