The FACTOR Procedure

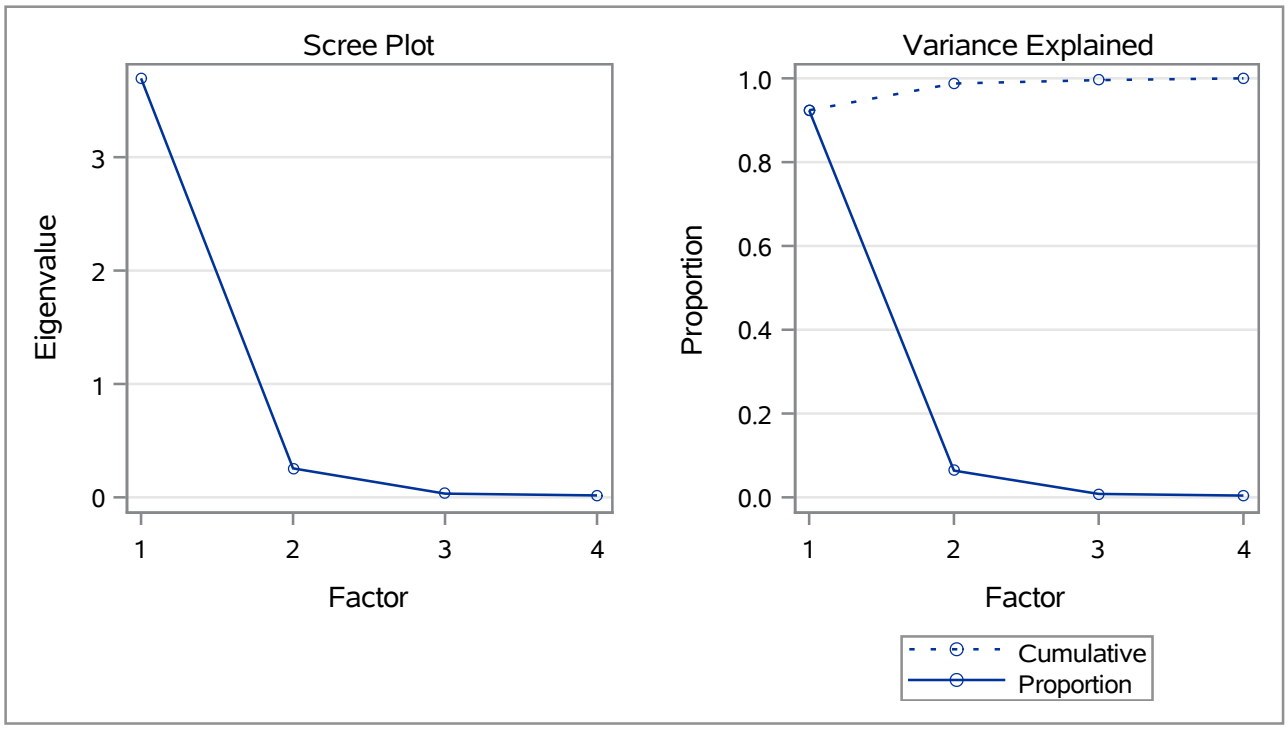
Input Data Type	Raw Data
Number of Records Read	20
Number of Records Used	20
N for Significance Tests	20

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	3.69524710	3.43990130	0.9238	0.9238
2	0.25534580	0.22278447	0.0638	0.9876
3	0.03256133	0.01571557	0.0081	0.9958
4	0.01684576		0.0042	1.0000

2 factors will be retained by the NFACTOR criterion.



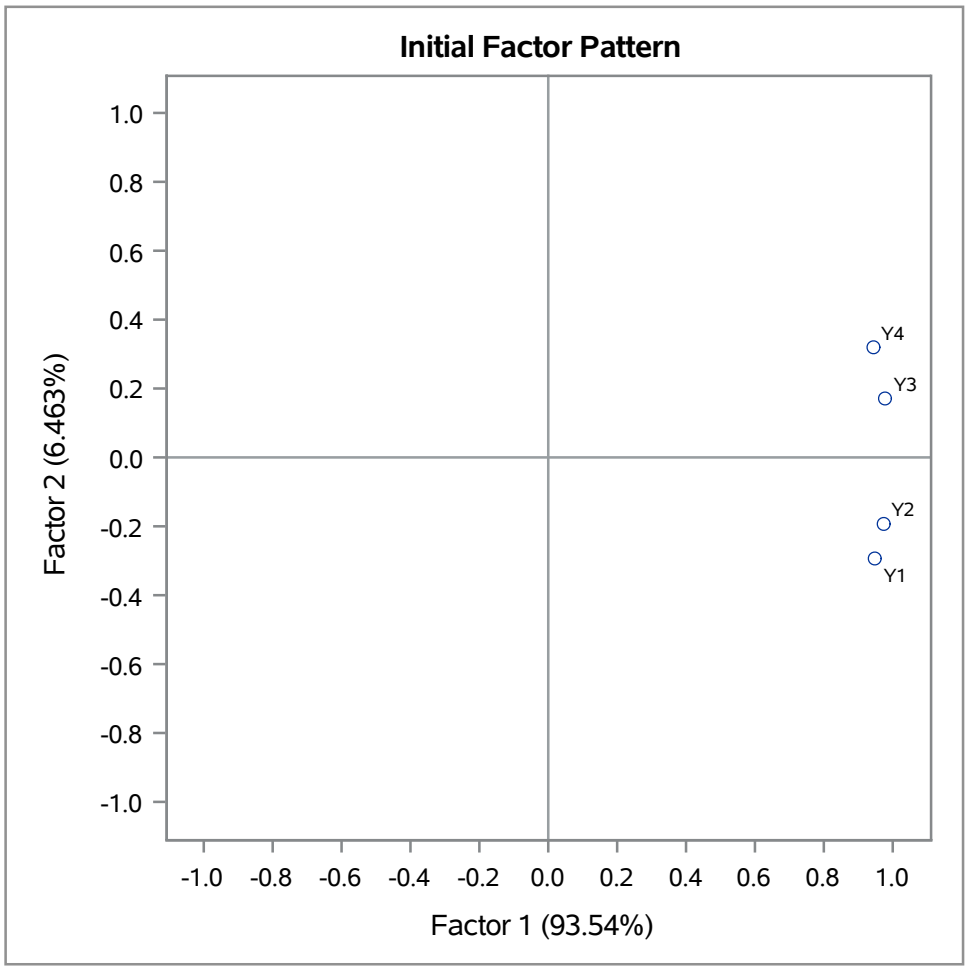
Factor Pattern			
		Factor1	Factor2
Y1	8 yr	0.94913	-0.29528
Y2	8 1/2 yr	0.97386	-0.19285
Y3	9 yr	0.97822	0.17114
Y4	9 1/2 yr	0.94292	0.31886

Variance Explained by Each Factor	
Factor1	Factor2
3.6952471	0.2553458

The FACTOR Procedure
Initial Factor Method: Principal Components

Final Communality Estimates: Total = 3.950593			
Y1	Y2	Y3	Y4
0.98803564	0.98559908	0.98619505	0.99076313

The FACTOR Procedure
Initial Factor Method: Principal Components



The FACTOR Procedure
Rotation Method: Varimax

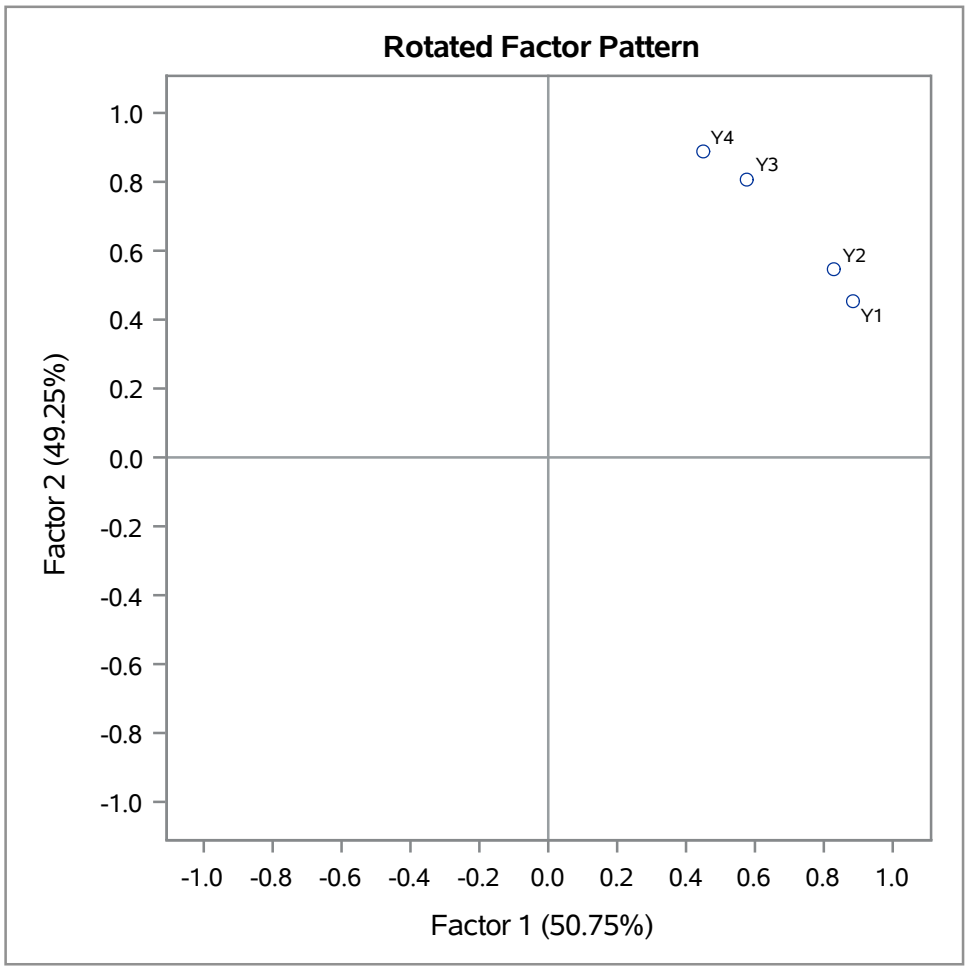
Orthogonal Transformation Matrix		
	1	2
1	0.71317	0.70100
2	-0.70100	0.71317

Rotated Factor Pattern			
		Factor1	Factor2
Y1	8 yr	0.88388	0.45475
Y2	8 1/2 yr	0.82971	0.54514
Y3	9 yr	0.57766	0.80778
Y4	9 1/2 yr	0.44893	0.88838

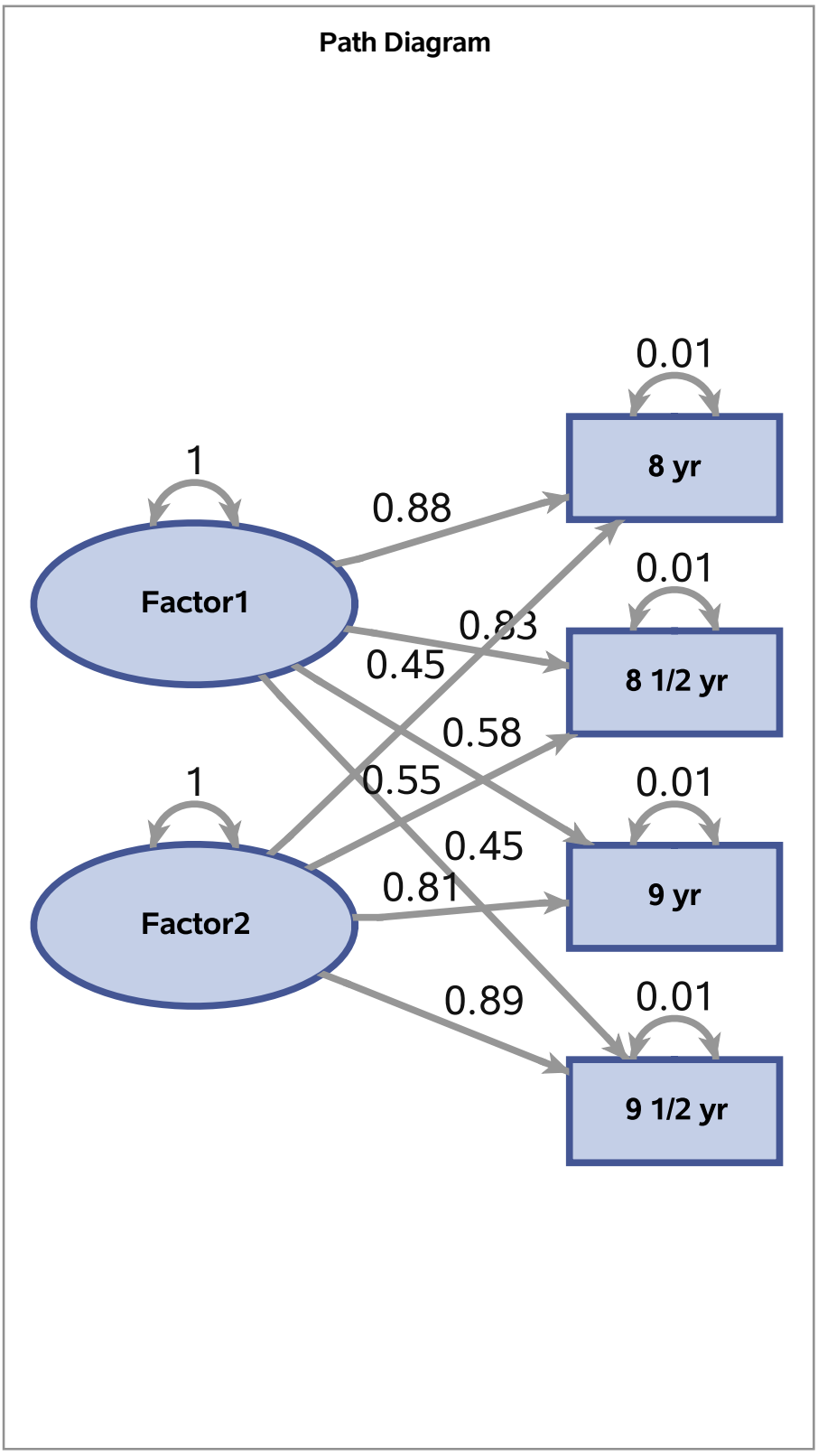
Variance Explained by Each Factor	
Factor1	Factor2
2.0048990	1.9456939

Final Communality Estimates: Total = 3.950593			
Y1	Y2	Y3	Y4
0.98803564	0.98559908	0.98619505	0.99076313

The FACTOR Procedure
Rotation Method: Varimax



The FACTOR Procedure
Rotation Method: Varimax



The FACTOR Procedure

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N for Significance Tests	20

The FACTOR Procedure
Initial Factor Method: Principal Components

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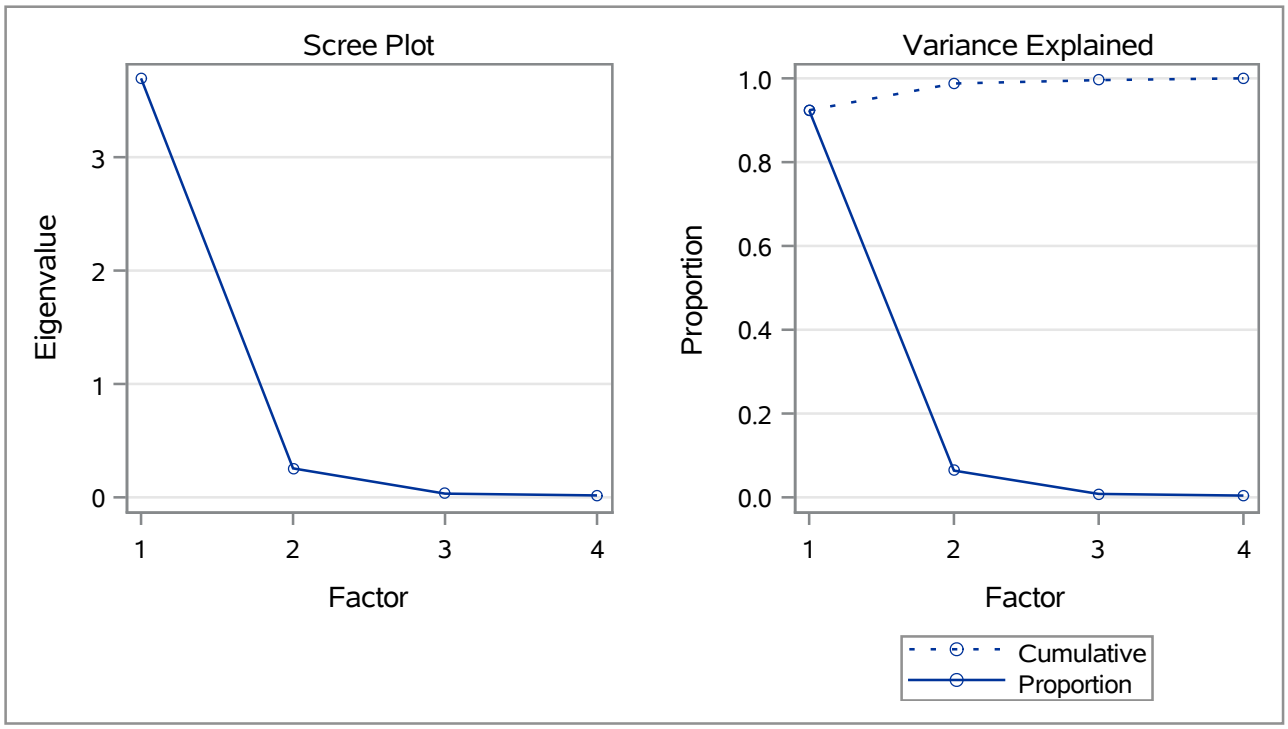

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Variance Explained by Each Factor	
Factor1	Factor2
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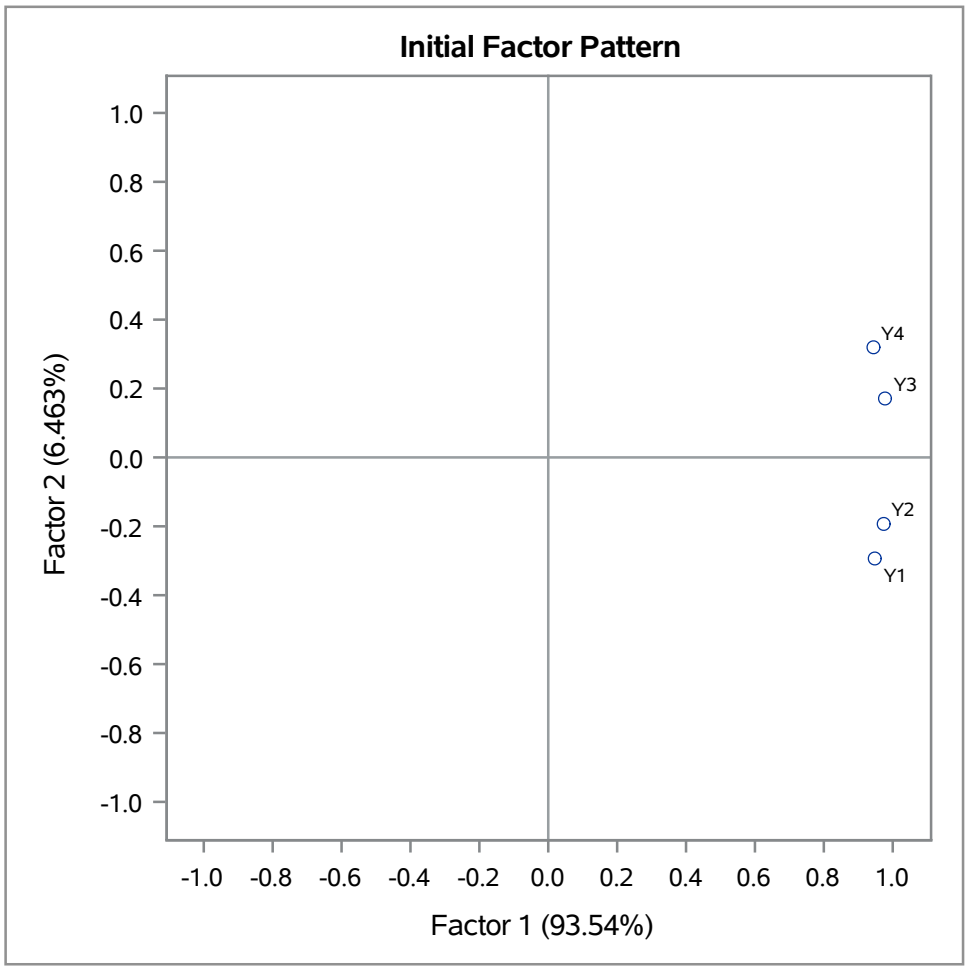
The FACTOR Procedure
Initial Factor Method: Principal Components

Final Communality Estimates: Total = 3.950593			
Y1	Y2	Y3	Y4
0.98803564	0.98559908	0.98619505	0.99076313

The FACTOR Procedure
Initial Factor Method: Principal Components



The FACTOR Procedure
Rotation Method: Harris-Kaiser (hkpower = 0)

Oblique Transformation Matrix		
	1	2
1	0.53508	0.49889
2	-1.96073	1.97025

Inter-Factor Correlations		
	Factor1	Factor2
Factor1	1.00000	0.87058
Factor2	0.87058	1.00000

Rotated Factor Pattern (Standardized Regression Coefficients)			
		Factor1	Factor2
Y1	8 yr	1.08683	-0.10827
Y2	8 1/2 yr	0.89922	0.10589
Y3	9 yr	0.18786	0.82522
Y4	9 1/2 yr	-0.12067	1.09865

Reference Axis Correlations		
	Factor1	Factor2
Factor1	1.00000	-0.87058
Factor2	-0.87058	1.00000

Reference Structure (Semipartial Correlations)			
		Factor1	Factor2
Y1	8 yr	0.53474	-0.05327
Y2	8 1/2 yr	0.44244	0.05210
Y3	9 yr	0.09243	0.40602
Y4	9 1/2 yr	-0.05937	0.54056

Variance Explained by Each Factor Eliminating Other Factors	
Factor1	Factor2
0.49376765	0.46261349

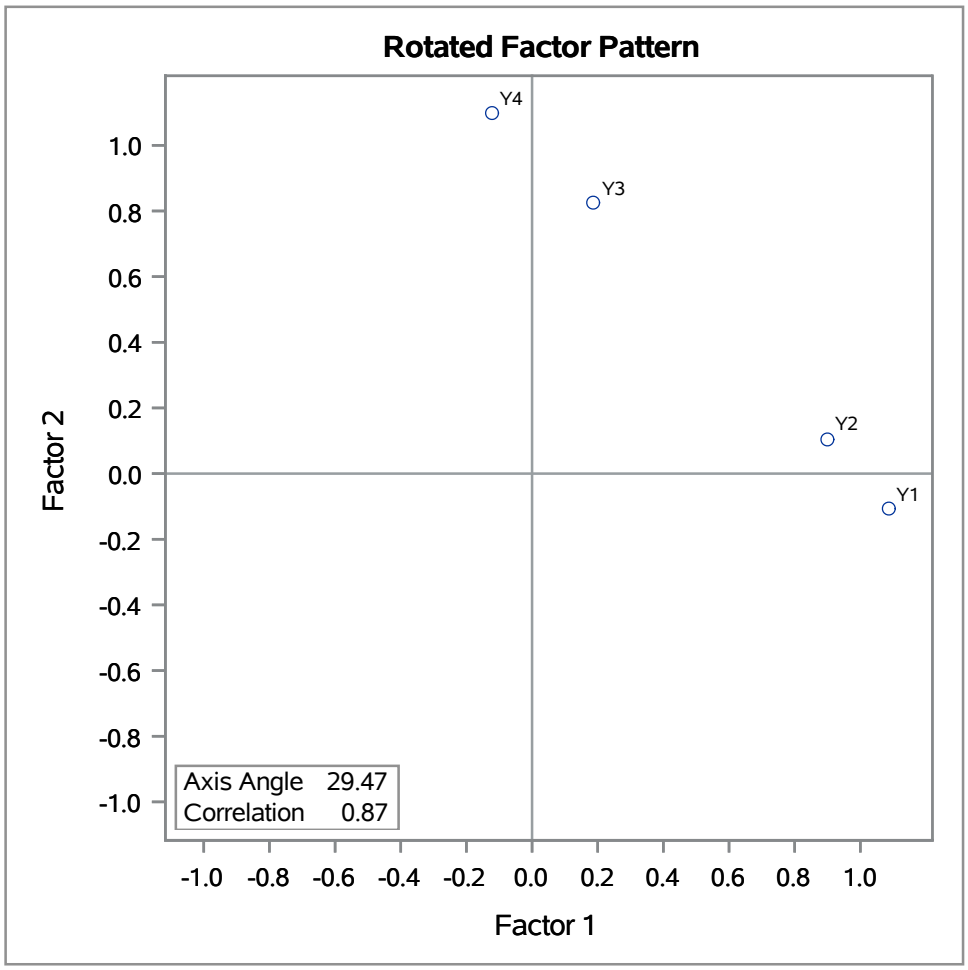
The FACTOR Procedure
Rotation Method: Harris-Kaiser (hkpower = 0)

Factor Structure (Correlations)			
		Factor1	Factor2
Y1	8 yr	0.99257	0.83791
Y2	8 1/2 yr	0.99141	0.88873
Y3	9 yr	0.90628	0.98876
Y4	9 1/2 yr	0.83580	0.99360

Variance Explained by Each Factor Ignoring Other Factors	
Factor1	Factor2
3.4879794	3.4568253

Final Communality Estimates: Total = 3.950593			
Y1	Y2	Y3	Y4
0.98803564	0.98559908	0.98619505	0.99076313

The FACTOR Procedure
Rotation Method: Harris-Kaiser (hkpower = 0)



The FACTOR Procedure
Rotation Method: Harris-Kaiser (hkpower = 0)

Path Diagram