Notes

Output Created		08-AUG-2025 02:50:46
Comments		
Input	Data	/Users/patienceheath/Likert Survey/PSC_Survey.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3881
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		FACTOR /VARIABLES A1a A1b A2a A2b A2c A2d A2e A2f A2g A2h A3a A3b A3c A3d A3e A3f A3g A3h A3i A3j A3k A3l A3m A4 A4ai A4aii A4aiii A4aiv A4av A4avi A4avii /MISSING LISTWISE /ANALYSIS A1a A1b A2a A2b A2c A2d A2e A2f A2g A2h A3a A3b A3c A3d A3e A3f A3g A3h A3i A3j A3k A3l A3m A4 A4ai A4aii A4aiii A4aiv A4av A4avi A4avii /PRINT INITIAL EXTRACTION ROTATION /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PC /CRITERIA KAISER ITERATE(25) /ROTATION VARIMAX /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:01.00
	Maximum Memory Required	112304 (109.672K) bytes

Factor Analysis

Notes

Output Created		08-AUG-2025 02:53:25
Comments		
Input	Data	/Users/patienceheath/Likert Survey/PSC_Survey.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3881
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		FACTOR /VARIABLES A1a A1b A2a A2b A2c A2d A2e A2f A2g A2h A3a A3b A3c A3d A3e A3f A3g A3h A3i A3j A3k A3l A3m A4 /MISSING LISTWISE /ANALYSIS A1a A1b A2a A2b A2c A2d A2e A2f A2g A2h A3a A3b A3c A3d A3e A3f A3g A3h A3i A3j A3k A3l A3m A4 /PRINT INITIAL EXTRACTION ROTATION /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PC /CRITERIA KAISER ITERATE(25) /ROTATION VARIMAX /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.00
	Maximum Memory Required	68848 (67.234K) bytes

Communalities

	Initial	Extraction
A1a	1.000	.660
A1b	1.000	.734
A2a	1.000	.749
A2b	1.000	.603
A2c	1.000	.581
A2d	1.000	.577
A2e	1.000	.669
A2f	1.000	.632
A2g	1.000	.561
A2h	1.000	.510
A3a	1.000	.778
A3b	1.000	.729
A3c	1.000	.754
A3d	1.000	.472
A3e	1.000	.520
A3f	1.000	.798
A3g	1.000	.794
A3h	1.000	.734
A3i	1.000	.623
A3j	1.000	.815
A3k	1.000	.806
A3l	1.000	.722
A3m	1.000	.820
A4	1.000	.222

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	13.182	54.924	54.924	13.182	54.924	54.924
2	1.606	6.691	61.615	1.606	6.691	61.615
3	1.076	4.484	66.099	1.076	4.484	66.099
4	.947	3.948	70.047			
5	.869	3.619	73.667			
6	.751	3.131	76.797			
7	.558	2.327	79.124			
8	.524	2.185	81.309			
9	.476	1.982	83.291			
10	.472	1.968	85.259			
11	.416	1.732	86.990			
12	.403	1.679	88.669			
13	.332	1.385	90.055			
14	.311	1.295	91.350			
15	.295	1.230	92.579			
16	.284	1.181	93.761			
17	.257	1.070	94.830			
18	.251	1.047	95.878			
19	.230	.960	96.837			
20	.219	.911	97.748			
21	.178	.741	98.489			
22	.139	.581	99.070			
23	.134	.557	99.627			
24	.090	.373	100.000			

Total Variance Explained

Component	Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %
1	7.907	32.944	32.944
2	5.103	21.262	54.207
3	2.854	11.893	66.099
4			
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23			
24			

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component		
	1	2	3
A1a	.721	.373	.028
A1b	.846	-.114	-.074
A2a	.693	.508	.102
A2b	.640	.400	.182
A2c	.639	.394	.130
A2d	.685	.278	.177
A2e	.652	.493	.003
A2f	.781	.120	.092
A2g	.743	.091	-.040
A2h	.682	.030	-.212
A3a	.842	-.219	-.144
A3b	.817	-.207	-.137
A3c	.838	-.197	-.118
A3d	.653	-.207	-.055
A3e	.702	-.166	-.007
A3f	.703	-.284	.473
A3g	.570	-.273	.628
A3h	.754	-.315	.258
A3i	.757	-.082	-.209
A3j	.888	-.101	-.130
A3k	.885	-.082	-.126
A3l	.820	-.075	-.211
A3m	.880	-.164	-.139
A4	-.391	-.168	.204

Extraction Method: Principal Component Analysis.

a. 3 components extracted.

Rotated Component Matrix[a]

	Component		
	1	2	3
A1a	.372	.708	.145
A1b	.717	.362	.300
A2a	.257	.814	.142
A2b	.220	.707	.232
A2c	.248	.695	.191
A2d	.305	.631	.294
A2e	.285	.765	.050
A2f	.485	.542	.321
A2g	.539	.477	.208
A2h	.608	.369	.066
A3a	.793	.263	.281
A3b	.766	.260	.273
A3c	.768	.282	.293
A3d	.601	.182	.280
A3e	.595	.249	.323
A3f	.391	.222	.772
A3g	.205	.181	.848
A3h	.555	.193	.624
A3i	.708	.319	.141
A3j	.772	.387	.263
A3k	.761	.402	.258
A3l	.753	.359	.160
A3m	.796	.329	.278
A4	-.331	-.323	.092

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 7 iterations.

Component Transformation Matrix

Component	1	2	3
1	.746	.551	.374
2	-.407	.822	-.399
3	-.527	.145	.837

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.