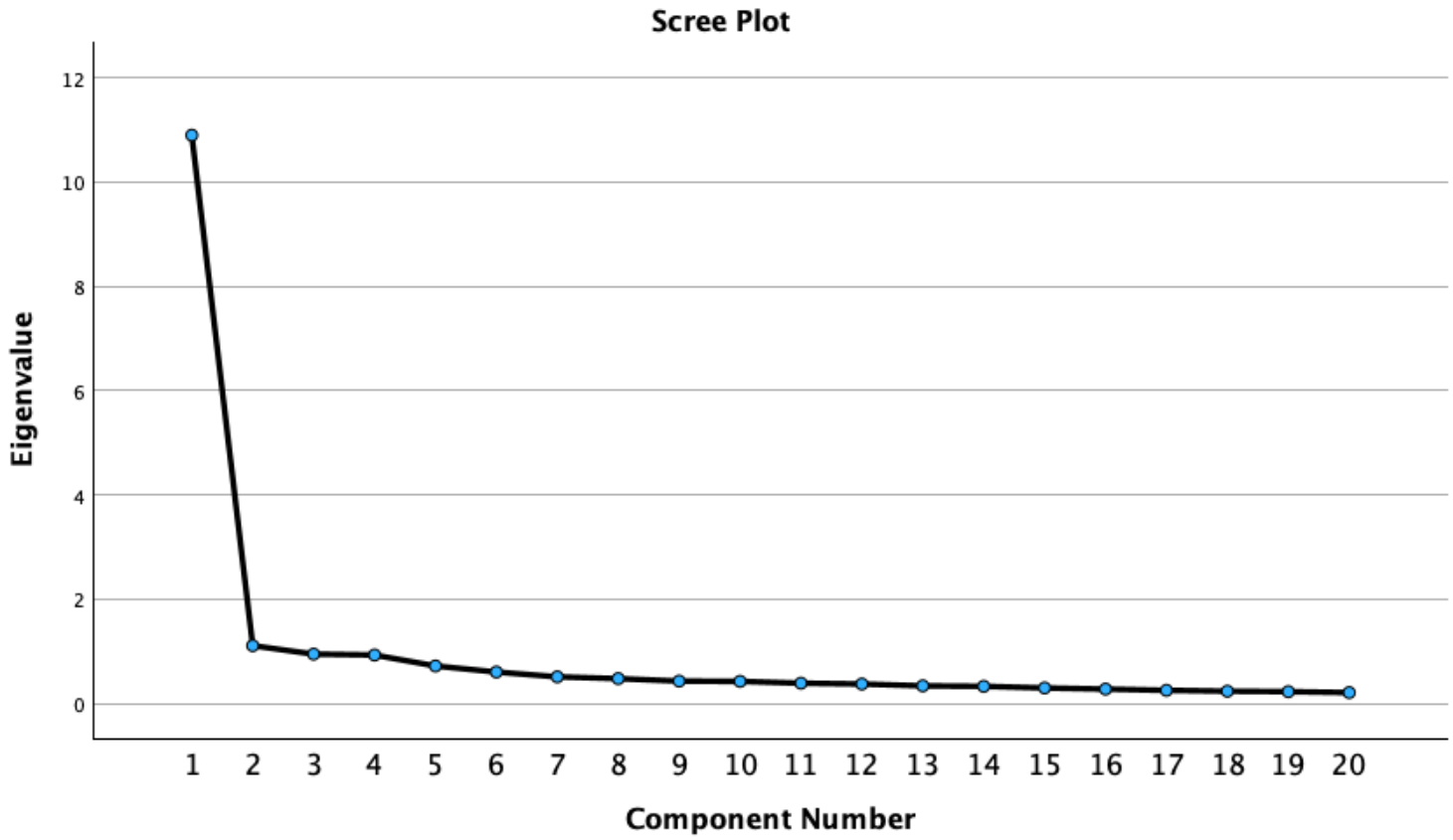
Family Medicine
THE OFFICIAL JOURNAL OF THE SOCIETY OF TEACHERS OF FAMILY MEDICINE

Appendix B. Principal Component Analysis (PCA) With Varimax and Kaiser Normalization and Scree Analysis

Total variance explained							
	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	10.900	54.502	54.502	10.900	54.502	54.502	9.668
2	1.110	5.549	60.051	1.110	5.549	60.051	9.688
3	.948	4.740	64.792				
4	.931	4.654	69.445				
5	.720	3.602	73.047				
6	.604	3.022	76.069				
7	.512	2.561	78.631				
8	.478	2.392	81.023				
9	.431	2.154	83.177				
10	.425	2.127	85.304				
11	.390	1.951	87.255				
12	.374	1.872	89.126				
13	.340	1.698	90.825				
14	.330	1.651	92.476				
15	.299	1.495	93.971				
16	.277	1.386	95.357				
17	.254	1.268	96.625				
18	.237	1.183	97.807				
19	.228	1.140	98.947				
20	.211	1.053	100.000				
Extraction Method: Principal Component Analysis.							
a. When components are correlated, sums of squared loadings cannot be added to obtain a total variance.							


Scree Plot
Eigenvalue
12
10
8
6
4
2
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Component Number