

**Table S1.** Eigenvalues and the proportion of variation (%) explained by the principal components

Component	Eigenvalue	Proportion	Cumulative
1	3.26	46.58	46.56
2	2.84	40.53	87.12
3	0.51	7.36	94.47
4	0.23	3.25	97.73
5	0.13	1.80	99.53
6	0.03	0.44	99.98
7	0.00	0.02	100.00

**Table S2.** Eigenvalues and the proportion of variation (%) explained by the principal components

Component	Eigenvalue	Proportion	Cumulative
1	3.66	40.65	40.65
2	1.64	18.24	58.89
3	1.31	14.57	73.46
4	0.85	9.49	82.95
5	0.60	6.73	89.67
6	0.39	4.29	93.97
7	0.28	3.11	97.08
8	0.18	2.04	99.12
9	0.08	0.88	100.00