

Table S2: Eigenvalue and variance explained by each dimension of the PCA.

PCA Dimension	Eigenvalue	Percentage of variance explained by the dimension	Cumulative percentage of variance
Dimension 1	3.025	60.493	60.493
Dimension 2	0.654	13.085	73.578
Dimension 3	0.577	11.534	85.112
Dimension 4	0.444	8.873	93.985
Dimension 5	0.301	6.015	100.00