

Supplementary Table S1. Total variance explained by components of the principal component analysis (PCA).

Component	Initial characteristic value			Extraction sums of squared loadings		
	Total	Variance (%)	Sum (%)	Total	Variance (%)	Sum (%)
1	12.20	40.67	40.67	12.20	40.67	40.67
2	5.66	18.89	59.56	5.66	18.89	59.56
3	4.32	14.41	73.98			
4	3.05	10.16	84.15			
5	2.33	7.79	91.94			
6	1.48	4.95	96.90			
7	0.93	3.10	100.00			
8	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
9	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
10	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
11	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
12	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
13	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
14	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
15	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
16	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
17	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
18	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
19	1.0x10 ⁻¹³	1.0x10 ⁻¹³	100.00			
20	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00			

21	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
22	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
23	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
24	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
25	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
26	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
27	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
28	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
29	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00
30	-1.0x10 ⁻¹³	-1.0x10 ⁻¹³	100.00