

Comparison of SAD variance among methods to adjust for population structure

Number of significant PC-wise
SAD components in first 20 PCs

1.8	1.8	1.9	1.5	2.1	2.4
1.4	1	1.2	1.2	1.4	1.8
1	1.2	1.5	0.5	1	1.3
3	3.2	2.8	2.7	3.7	3.8

All traits
Anthropometric
Behavioral
Other

Isotropic Inflation

3.4	3.1	2.8	2.5	1.9	1.9
4	2	3.2	2.3	1.3	2.5
3.9	2.6	3	3.1	2.6	2.1
2.4	4.4	2.2	2.1	1.6	1.2

7	5	5	5	7	8
4	6	6	4	7	7
4	4	2	4	5	6
3	3	3	3	2	1
2	3	3	3	0	1
2	1	2	2	4	3
2	1	1	1	2	3
1	1	1	1	0	1
1	1	1	1	1	0
1	1	1	1	0	2
1	0	1	0	2	3
1	2	2	0	2	1
1	0	1	0	0	0
1	1	1	0	0	1
0	1	1	0	0	0
0	1	1	0	2	2
0	0	0	0	1	1

Hair color

Skin color

Diastolic blood pressure

Forced vital capacity

Years of schooling

Height

Birth weight

Body mass index

Hip circumference

Waist circumference

Neuroticism score

Overall health rating

Pack years of smoking

Alcohol intake frequency

Hand grip strength

Household income

Pulse rate

8.88	3.49	3.45	4.24	4.77	2.17
8.13	2.28	3.88	3.70	1.28	1.27
5.08	1.96	5.03	1.99	1.33	6.67
5.06	3.17	3.08	2.78	2.91	2.43
3.53	1.34	1.35	1.32	0.94	0.95
3.07	9.21	2.41	3.43	0.98	0.98
2.88	2.99	5.42	5.99	2.46	2.51
2.65	1.81	2.00	1.65	1.22	1.45
2.48	5.42	2.11	1.84	1.28	1.22
2.36	2.35	2.92	2.23	2.40	2.34
2.29	2.14	1.94	1.91	2.09	2.17
2.20	1.33	1.34	1.30	1.20	1.14
2.05	2.15	3.03	2.11	1.52	1.67
1.96	1.95	1.96	1.94	1.29	1.29
1.88	3.12	2.39	2.85	0.90	0.90
1.82	2.86	1.72	1.83	1.35	1.84
1.57	4.65	3.26	1.54	4.40	1.35

Adjustment meth

Adjustment method