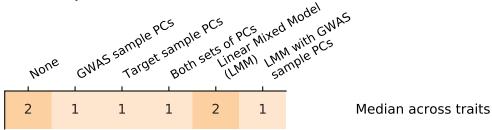
Comparison of SAD variance among methods to adjust for population structure

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

Isotropic inflation



Nor	ie GM,	AS sampl	jet sampl	ne PCS In sets of Line (L)	www.rww salwixed	Model With GWAS Mple PCS
2	2.1	2.2	2.3	1.3	1.3	

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

Body mass index
Hair color
Years of schooling
Hip circumference
Household income
Overall health rating
Pack years of smoking
Birth weight
Waist circumference
Neuroticism score
Hand grip strength
Pulse rate
Height
Forced vital capacity
Skin color
Alcohol intake frequency
Diastolic blood pressure

5.01	9.53	2.32	2.38	1.47	1.38
1.98	3.21	4.09	2.15	1.01	1.00
2.88	3.09	2.56	3.72	2.21	2.30
1.89	3.09	1.50	1.47	1.15	1.09
2.87	2.66	2.90	2.83	2.46	2.13
2.51	2.58	13.75	2.33	1.54	1.47
1.94	2.56	2.11	2.91	2.27	1.97
2.07	2.12	2.04	2.05	1.38	1.45
1.87	2.07	1.96	2.35	1.29	1.31
2.78	2.06	2.32	2.71	2.28	2.17
2.29	2.02	2.19	1.80	1.35	1.26
2.05	1.93	5.45	5.05	3.25	1.85
1.77	1.63	1.68	1.61	1.26	1.26
1.58	1.55	2.85	2.04	1.29	1.28
1.51	1.48	1.51	4.46	0.87	0.86
1.91	1.37	1.29	1.81	0.98	1.09
1.45	1.29	1.48	1.34	1.01	0.96