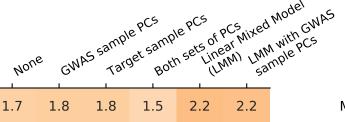
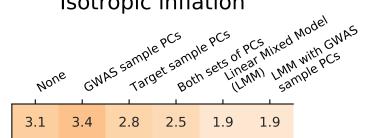
Comparison of SAD variance among methods to adjust for population structure

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



Isotropic inflation



None GWAS sample PCs poth sets of PCs mixed mode GWAS Target sample PCs (LIMM) Lynn with GWAS									
1.7	1.8	1.8	1.5	2.2	2.2	Median across traits			

3	2	3	2	0	1
1	2	2	3	4	3
1	1	1	1	0	1
1	1	1	0	2	1
3	3	3	3	5	5
5	7	5	6	7	7
1	0	1	0	2	2
1	1	1	1	1	1
1	1	1	0	1	0
0	1	0	0	2	3
0	1	1	0	0	0
1	1	1	0	1	1
1	2	1	1	2	3
1	0	1	1	1	1
6	5	6	4	7	7
0	0	0	0	1	0
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Years of schooling					
Height					
Body mass index					
Overall health rating					
Diastolic blood pressure					
Hair color					
Household income					
Hip circumference					
Hand grip strength					
Neuroticism score					
Pack years of smoking					
Alcohol intake frequency					
Birth weight					
Waist circumference					
Skin color					
Pulse rate					
Forced vital capacity					

3.49	8.88	3.45	4.24	4.77	2.17
2.28	8.13	3.88	3.70	1.28	1.27
1.96	5.08	5.03	1.99	1.33	6.67
3.17	5.06	3.08	2.78	2.91	2.43
1.34	3.53	1.35	1.32	0.94	0.95
9.21	3.07	2.41	3.43	0.98	0.98
2.99	2.88	5.42	5.99	2.46	2.51
1.81	2.65	2.00	1.65	1.22	1.45
5.42	2.48	2.11	1.84	1.28	1.22
2.35	2.36	2.92	2.23	2.40	2.34
2.14	2.29	1.94	1.91	2.09	2.17
1.33	2.20	1.34	1.30	1.17	1.14
2.15	2.05	3.03	2.11	1.52	1.67
1.95	1.96	1.96	1.94	1.29	1.29
3.12	1.88	2.39	2.85	0.90	0.90
2.86	1.82	1.72	1.83	1.35	1.84
4.65	1.57	3.26	1.54	4.40	1.35