

Supplementary. Table S4

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Genetic Associations of Anhedonia: Insights into Overlap of Mental and Somatic Disorders

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Table S4. Characteristics of polygenic risk scores for anhedonia using summary statistics from UK Biobank for somatic conditions

Summary statistics	Threshold	PRS.R2	Full.R2	Null.R2	Coefficient	SE	N SNPs	p
Omega-3 fatty acids	0.00050005	0.00220826	0.024292	0.0220838	1072.04	390.365	1560	0.00602797
Type 2 diabetes mellitus	0.1241	0.00173621	0.02982	0.0220838	-1922.16	789.355	96420	0.0148875
Ischemic stroke	0.1155	0.00137583	0.0234596	0.0220838	-839.976	387.504	83190	0.0301848
Crohn's disease	0.00625005	0.00129338	0.0233772	0.0220838	128.33	61.0526	7768	0.0355574
BMI	0.00125005	0.000270317	0.0223541	0.0220838	607.216	631.641	116	0.068211
Alzheimer's disease	0.00505005	0.000974437	0.0230582	0.0220838	7.54741	4.13872	116	0.068211
Total cholesterol	0.00505005	0.000960281	0.0230441	0.0220838	637.744	351.996	7931	0.070018
Rheumatoid arthritis	0.0359001	0.000917943	0.0230017	0.0220838	432.898	244.399	34096	0.076515
Irritable bowel syndrome	0.00000005	0.00083209	0.0229159	0.0220838	9.44	5.59556	10	0.0915933
Glycated hemoglobin	0.00015005	0.000803711	0.0228875	0.0220838	-373.487	225.372	4073	0.0974784
Total triglycerides	0.0311001	0.000790458	0.0228742	0.0220838	2174.64	1323.08	33300	0.100254
Multiple sclerosis	0.2721	0.000763057	0.0228468	0.0220838	501.306	310.411	153218	0.106316
Narrow coronary artery disease	0.0174501	0.000579724	0.0226635	0.0220838	-507.558	360.582	22915	0.159248
Broad coronary artery disease	0.1444	0.000335182	0.022419	0.0220838	-1082.08	1010.86	104420	0.284417
Low density lipoprotein cholesterol	0.0357501	0.000270734	0.0223545	0.0220838	-1356.3	1409.77	44106	0.336015
High density lipoprotein cholesterol	0.0816001	0.000248333	0.0223321	0.0220838	1879.5	2039.82	81981	0.3568369
Migraine	0.00000005	5.82E-05	0.022142	0.0220838	-11.3121	25.3576	169	0.655521