

Supplementary Table 6. Genetic correlation (Rg) comparison between the AUDIT-C and AUDIT-P dimensions (traits with p < 0.05 are highlighted in bold and those with FDR < 0.05 are highlighted in gray)

Trait	AUDIT-C			AUDIT-P			AUDIT-C vs. AUDIT-P		FDR
	Rg	SE	Pvalue	Rg	SE	Pvalue	Pvalue		
<b>Depressive Symptoms</b>	-0.1917	0.0476	5.57E-05	0.3026	0.0546	2.98E-08	8.85E-12	Yes	
<b>Schizophrenia</b>	-0.0003	0.0285	9.91E-01	0.2221	0.0353	3.00E-10	9.48E-07	Yes	
<b>Neuroticism Smith</b>	-0.1321	0.0371	3.72E-04	0.1762	0.0482	2.55E-04	4.01E-07	Yes	
<b>ADHD2 PGC</b>	-0.1035	0.0437	1.77E-02	0.234	0.0532	1.07E-05	9.48E-07	Yes	
<b>Neuroticism</b>	-0.0899	0.042	3.25E-02	0.2268	0.0521	1.34E-05	2.22E-06	Yes	
<b>Major Depressive Disorder</b>	-0.2349	0.081	3.73E-03	0.2607	0.0942	5.63E-03	6.63E-05	Yes	
<b>Years of Education</b>	0.1958	0.0299	5.70E-11	0.0217	0.035	5.36E-01	1.56E-04	Yes	
<b>Obesity</b>	-0.1676	0.0377	8.61E-06	0.0059	0.0461	8.98E-01	3.58E-03	Yes	
<b>Subjective Wellbeing</b>	-0.0335	0.0507	5.08E-01	-0.2399	0.0584	3.98E-05	7.61E-03	Yes	
<b>Alcohol Consumption UKBB</b>	0.9208	0.0338	6.95E-164	0.7608	0.05	2.67E-52	8.02E-03	Yes	
<b>College attainment</b>	0.2414	0.0489	7.93E-07	0.0512	0.0568	3.67E-01	1.12E-02	Yes	
<b>Alcohol Dependence PGC</b>	0.332	0.084	8.22E-05	0.630	0.112	1.79E-08	3.33E-02	No	
<b>Smoking Lifetime Use</b>	0.240	0.056	1.57E-05	0.407	0.064	1.73E-10	4.96E-02	No	
<b>Triglycerides</b>	-0.164	0.043	1.00E-04	-0.025	0.053	6.37E-01	4.17E-02	No	
<b>Height</b>	0.056	0.024	1.99E-02	-0.018	0.028	5.24E-01	4.48E-02	No	
Daily cigarettes	0.041	0.090	6.50E-01	0.276	0.096	3.95E-03	7.41E-02	No	
Cannabis Lifetime Use	0.256	0.066	1.13E-04	0.460	0.085	6.77E-08	5.80E-02	No	
Cognitive performance	0.212	0.049	1.53E-05	0.075	0.054	1.63E-01	6.03E-02	No	
Bipolar Disorder	0.100	0.065	1.27E-01	0.261	0.069	1.51E-04	8.94E-02	No	
BMI	-0.105	0.053	4.56E-02	0.029	0.065	6.55E-01	1.10E-01	No	
Smoking Age Onset	0.043	0.105	6.85E-01	-0.193	0.122	1.13E-01	1.43E-01	No	
Former smoker	-0.016	0.075	8.35E-01	-0.171	0.080	3.27E-02	1.58E-01	No	
Childhood IQ	0.114	0.072	1.13E-01	-0.017	0.082	8.37E-01	2.30E-01	No	
HDL cholesterol	0.188	0.048	9.33E-05	0.114	0.050	2.15E-02	2.86E-01	No	
Childhood Obesity	-0.098	0.051	5.44E-02	-0.026	0.059	6.61E-01	3.56E-01	No	
AUDIT 23andMe	0.761	0.117	7.59E-11	0.639	0.133	1.58E-06	4.91E-01	No	
Total Cholesterol	0.017	0.040	6.70E-01	0.065	0.051	2.08E-01	4.59E-01	No	
Alcohol dependence	0.409	0.200	4.09E-02	0.202	0.164	2.16E-01	4.24E-01	No	
Caudate Volume	0.141	0.068	3.90E-02	0.201	0.086	1.98E-02	5.84E-01	No	
LDL cholesterol	-0.009	0.044	8.38E-01	0.028	0.054	6.06E-01	5.95E-01	No	
Loneliness	0.181	0.153	2.36E-01	0.223	0.165	1.77E-01	8.52E-01	No	
Nucleus Accumbens Volume	0.051	0.090	5.69E-01	0.059	0.131	6.55E-01	9.60E-01	No	
Intracranial brain volume	0.193	0.085	2.36E-02	0.199	0.097	4.08E-02	9.63E-01	No	
Extraversion	-0.055	0.073	4.55E-01	-0.058	0.081	4.78E-01	9.78E-01	No	
Alcohol Consumption	0.788	0.111	1.13E-12	0.764	0.128	2.28E-09	8.87E-01	No	
Anorexia Nervosa	0.052	0.073	4.76E-01	0.056	0.083	5.01E-01	9.71E-01	No	
Hippocampus Volume	-0.013	0.090	8.89E-01	-0.012	0.106	9.07E-01	9.94E-01	No	