

Supplemental Table 1.

Multivariate analysis of BMI and BED effects* on BP illness burden

Binary outcomes^a	N	Effect	OR	95% CI		p-value
≥ 1Suicide attempt (Y/N)	711	BMI	1.026	1.004	1.049	0.0232
		BED	2.125	1.271	3.551	0.0040
Psychosis (Y/N)	709	BMI	0.972	0.951	0.993	0.0098
		BED	2.180	1.285	3.663	0.0038
Ordinal outcome^b			OR	95% CI		p-value
Substance abuse comorbidity sum	716	BMI	0.986	0.967	1.005	0.1419
		BED	1.539	0.969	2.444	0.0681
Continuous outcomes^c			Estimate	St Err	t-Value	p-value
Mood instability sum	561	BMI	0.0046	0.0084	0.54	0.5903
		BED	0.4296	0.2052	2.09	0.0368
Anxiety disorder comorbidity sum	715	BMI	0.0022	0.0078	0.29	0.7748
		BED	0.9012	0.1888	4.77	<0.0001
CIRS	636	BMI	0.0786	0.0197	3.98	<0.0001
		BED	0.7050	0.4847	1.45	0.1463

*Quadratic terms for BMI, and interactions between BMI and BED were also explored for each outcome, but none were included in the above models due to non-significance (p-values>0.05)

^a Logistic regression

^b Ordinal logistic regression

^c Linear regression