

SUPPLEMENTARY DATA

Supplementary Table 1. Associations between depressive symptoms, use of antidepressant medication and insulin and glucose levels in an Oral Glucose Tolerance Test.

	Insulin						Glucose					
	Fasting		30 min.		120 min.		Fasting		30 min.		120 min.	
	% change	<i>P</i>	% change	<i>P</i>	% change	<i>P</i>	% change	<i>P</i>	% change	<i>P</i>	% change	<i>P</i>
Depression:	(95% CI)		(95% CI)		(95% CI)		(95% CI)		(95% CI)		(95% CI)	
Antidepressant medication (no vs. yes) *												
Sex and age adjusted model	8.14 (-1.35–17.91)	0.103	6.78 (-2.69–16.25)	0.161	-7.73 (-21.20–5.73)	0.260	1.26 (-0.48–3.00)	0.156	3.96 (1.04–6.88)	0.008	0.84 (-0.39–5.61)	0.730
Full model †	1.39 (-7.42–10.19)	0.758	1.23 (-8.00–10.46)	0.794	-13.11 (-26.26–0.04)	0.051	0.83 (-0.96–2.61)	0.362	2.90 (-0.06–5.88)	0.055	-0.97 (-5.79–3.84)	0.691
Depressive symptoms												
Total Score (SD units)												
Sex and age adjusted model	4.57 (2.81–6.34)	0.001	3.82 (2.11–5.53)	0.001	4.21 (1.76–6.65)	0.001	-0.03 (-0.35–0.28)	0.830	0.90 (0.37–1.43)	0.001	1.18 (0.31–2.05)	0.007
Full model †	2.71 (1.08–4.34)	0.001	2.31 (0.60–4.02)	0.008	1.97 (-0.47–4.40)	0.113	-0.16 (-0.49–0.17)	0.344	0.34 (-0.20–0.89)	0.221	0.69 (-0.19–1.58)	0.126
Mental Health Index (SD units)												
Sex and age adjusted model	3.16 (1.40–	0.001	2.16 (0.44–	0.014	2.69 (0.24–	0.032	-0.03 (-0.35–	0.831	0.51 (-0.01–1.05)	0.056	0.83 (-0.04–1.70)	0.061

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	4.95)		3.88)		5.14)		0.28)					
Full model †	2.05 (0.42– 3.67)	0.01 4	1.21 (- 0.50– 2.92)	0.16 5	1.49 (- 0.94– 3.92)	0.23 0	-0.01 (- 0.47–0.19)	0.413	0.08 (-0.46– 0.64)	0.752	0.47 (-0.41– 1.36)	0.29 9
Vitality Scale (SD units)												
Sex and age adjusted model	5.04 (3.28– 6.80)	0.00 1	4.58 (2.87– 6.29)	0.00 1	4.70 (2.27– 7.13)	0.00 1	-0.03 (- 0.34– 0.34)	0.861	1.04 (0.51– 1.56)	0.001	1.20 (0.34– 2.07)	0.00 6
Full model †	2.79 (1.16– 4.42)	0.00 1	2.76 (1.05– 4.47)	0.00 2	1.87 (- 0.57– 4.30)	0.13 3	-0.15(- 0.48–0.18)	0.370	0.46 (-0.09– 1.00)	0.104	0.69 (-0.19– 1.59)	0.12 7

Note. Insulin and glucose values were log-transformed. * Number of individuals using antidepressant medication is 147; † Full model refers to a model adjusting for age, sex, physical activity, body mass index, alcohol consumption, current smoking status, occupational status and family history for diabetes.