

Supplementary Table S1: Bivariate correlations between the incidence of depression and potential confounding factors.

Variable	Depression, incidence, total (2010)	Depression, incidence, male (2010)	Depression, incidence, female (2010)	Depression, incidence, total (2019)	Depression, incidence, total (2019)	Depression, incidence, total (2019)
Gross national income per capita	-0.06 (0.399)	-0.11 (0.144)	-0.03 (0.722)	-0.07 (0.342)	-0.12 (0.103)	-0.03 (0.684)
Average years of adult education	-0.23 (0.002)	-0.30 (<0.001)	-0.18 (0.022)	-0.26 (<0.001)	-0.32 (<0.001)	-0.19 (0.010)
Populatio n density	0.01 (0.934)	0.00 (0.999)	0.01 (0.895)	0.01 (0.878)	0.00 (0.956)	0.02 (0.834)
Percentag e of adults with insufficie nt physical activity	-0.09 (0.285)	-0.15 (0.071)	-0.04 (0.607)	-0.07 (0.382)	-0.14 (0.085)	-0.02 (0.792)
Distance from the equator	-.01 (.904)	-.12 (.114)	.07 (.379)	-.02 (.832)	-.13 (.083)	.06 (.395)

All correlations are given as Pearson's r (p value). Values indicated in **bold** are significant at $p < .05$.