

**S2 Table. Weighted estimated regression coefficients for physical activity and mental health associations for each model**

	<i>Estimate</i>	<i>Df</i>	<i>F</i>	<i>p</i>	<i>Adjusted R<sup>2</sup></i>
MVPA	2.2	2.8	6.0	0.0007	0.05
LPA	7.2	8.2	3.0	0.003	0.05
Steps	6.8	7.9	7.8	0.0003E-06	0.06
MVPA*LPA	24.4	27.7	3.6	0.0005E-06	0.06
MVPA*sedentary	18.8	23.9	2.6	0.0009E-03	0.06
LPA*sedentary	21.6	26.4	2.5	0.0002E-01	0.05
Steps*sedentary	18.6	23.4	3.7	0.0002E-08	0.06