

Supplementary Materials: Associations of Objectively-assessed Physical Activity and Sedentary Time with Hippocampal Gray Matter Volume in Children with Overweight/Obesity

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Table S1. Bivariate correlations between PA and SED variables.

		SED	LPA	MVPA
SED	r	-	-0.443	-0.510
	P	-	<0.001	<0.001
LPA	r	-0.443	-	0.337
	P	<0.001	-	0.001
MVPA	r	-0.510	0.337	-
	P	<0.001	<0.001	-

SED: sedentary time, LPA: light physical activity; MVPA: moderate-to-vigorous physical activity

Table S2. Bivariate correlations between PA, SED and GMV in the left and right hippocampi for the whole sample and stratified by weight status.

		All		Overweight		Obesity type I		Obesity type II-III	
		Left	Right	Left	Right	Left	Right	Left	Right
SED	r	0.046	-0.009	-0.151	-0.091	0.084	-0.032	0.212	0.264
	P	0.659	0.931	0.492	0.678	0.605	0.841	0.269	0.166
LPA	r	-0.040	-0.064	0.054	0.169	-0.088	-0.117	-0.006	-0.176
	P	0.698	0.561	0.808	0.440	0.584	0.465	0.974	0.362
MVPA	r	-0.022	0.099	0.187	0.051	0.108	0.335	-0.435	-0.269
	P	0.837	0.344	0.393	0.817	0.501	0.033	0.018	0.159

SED: sedentary time, LPA: light physical activity; MVPA: moderate-to-vigorous physical activity