

Lipidome profiling in childhood obesity compared to adults: a pilot study

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Supplementary file S7. Statistically significant correlations between the fatty liver index (FLI) and detectable diacylglycerols (DG) before (0M) and after (6M) 6 months of intervention in the pediatric (PE) and adult (AD) cohorts. Statistically significant correlations (Spearman's rho p -value < 0.05) are indicated in bold.

	FLI 0M		FLI 6M	
	Rho	p -value	Rho	p -value
PE				
DG (36:3); [M+NH4]1+	-0.036	0.939	0.821	0.023
DG (36:3); [M+H-H2O]1+	0.036	0.939	0.857	0.014
DG (36:2); [M+NH4]1+	0.179	0.702	0.857	0.014
DG (36:2); [M+H-H2O]1+	0.071	0.879	0.857	0.014
DG (35:5); [M+NH4]1+	0.630	0.129	0.775	0.052
DG (35:3); [M+NH4]1+	-0.450	0.310	-0.847	0.016
DG (35:2); [M+H-H2O]1+	0.643	0.119	0.821	0.023
DG (34:3); [M+H-H2O]1+	0.179	0.702	0.929	0.003
DG (34:2); [M+NH4]1+	0.286	0.535	0.821	0.023
DG (34:2); [M+H-H2O]1+	0.143	0.760	0.964	<0.001
DG (33:4); [M+H-H2O]1+	0.768	0.044	0.556	0.195
DG (33:1); [M+H-H2O]1+	0.857	0.014	0.643	0.119
DG (32:1); [M+H-H2O]1+	0.758	0.119	0.643	0.119
DG (30:1); [M+H-H2O]1+	0.857	0.014	0.286	0.535
DG (30:0); [M+H-H2O]1+	0.821	0.023	0.179	0.702
AD				
DG (44:11); [M+H-H2O]1+	0.342	0.265	0.514	0.012
DG (36:4); [M+NH4]1+	-0.419	0.027	-0.030	0.891