How energy balance-related behaviors, temperament, stress, and overweight associate: A cross-sectional study of Finnish preschoolers

Vepsäläinen H, Korkalo L, Skaffari E, Abdollahi AM, Pajulahti R, Lehto R, Engberg E, Leppänen MH, Lehto E, Ray C, Roos E, Erkkola M.

Supplementary Tables

Supplementary Table 1. Multilevel logistic regression models explaining overweight/obesity according to cut-offs set by the International Obesity Task Force (IOTF) (30).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Separate models a (n=642–808) | | |  | Full model b (n=564) | | |
|  | OR | Lower CI | Upper CI |  | OR | Lower CI | Upper CI |
| Cluster membership (ref. cluster 1 b) (n=808) | 1.18 | 0.73 | 1.89 |  | 1.07 | 0.60 | 1.90 |
| Surgency (n=706) | 1.19 | 0.89 | 1.57 |  | **1.47** | **1.03** | **2.11** |
| Negative affectivity (n=706) | 0.85 | 0.64 | 1.13 |  | 0.90 | 0.65 | 1.25 |
| Effortful control (n=706) | 0.98 | 0.71 | 1.37 |  | 0.90 | 0.5~~9~~ | 1.36 |
| Hair cortisol (log) (n=642) | 0.84 | 0.58 | 1.22 |  | 0.90 | 0.58 | 1.38 |
| Age (n=808) | **1.47** | **1.14** | **1.89** |  | **1.40** | **1.04** | **1.90** |
| Sex (ref. boy)(n=808) | 0.97 | 0.62 | 1.52 |  | 1.07 | 0.59 | 1.93 |
| Parental education (ref. low) (n=803) | 0.94 | 0.70 | 1.26 |  | 1.05 | 0.73 | 1.52 |

a Sample size for the models are shown in parenthesis after each of the explanatory variables b Includes all variables  
c Unhealthy diet, excessive screen time