**Table S3. Poisson regression analysis of anthropometric variables associated with the presence of ABCD.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | PR  | 95% CI | AIC | Deviance | P- value |
| Weight, kg | 1.00  | 1.00-1.01 | 929.8 | 0.201 | < 0.001 |
| BMI, kg/m2 | 1.02  | 1.01-1.04 | 927.6 | 0.196 | < 0.001 |
| WC, cm | 2.95  | 1.64-5.30 | 929.3 | 0.200 | < 0.001 |
| HC, cm | 1.01  | 1.00-1.01 | 771.7 | 0.247 | 0.006 |
| Wrist circumference, cm | 1.09  | 1.01-1.17 | 701.8 | 0.262 | 0.018 |
| WC/HC index | 7.57  | 1.52-37.5 | 772.1 | 0.248 |  0.013 |
| Fat mass, % | 1.03  | 1.01-1.04 | 921.7 | 0.188 | < 0.001 |
| SMM, % | 0.95  | 0.93-0.98 | 928.2 | 0.202 |  0.001 |
| FFM, % | 0.96  | 0.95-0.98 | 921.7 | 0.188 | < 0.001 |
| SMI, kg/m2 | 1.11  | 1.05-1.18 | 929.3 | 0.205 | < 0.001 |
| ASM, % | 0.93  | 0.90-0.96 | 925.6 | 0.197 | < 0.001 |
| VFA, cm2 | 1.00  | 1.00-1.00 | 923.7 | 0.193 | < 0.001 |
| Conicity index  | 3.46  | 1.34-8.93 | 935.6 | 0.213 | 0.01 |
| Body Adiposity Index  | 1.02  | 1.01-1.03 | 771.8 | 0.248 |  0.007 |
| Body Roundness Index  | 1.06  | 1.02-1.10 | 932.6 | 0.207 | 0.002 |

Poisson regression adjusted for age, sex and physical activity. Dependent variable; presence/absence of ABCD. PR: Prevalence ratio; CI: Confidence Interval; AIC: Akaike Information Criterion; BMI: Body mass index; WC: Waist circumference; HC: Hip circumference; SMM: Skeletal muscle mass; FFM: Fat free mass; SMI: Skeletal muscle index; ASM: Appendicular skeletal muscle; VFA: Visceral Fat area.