

Table S4. Association of general and abdominal obesity, isolated or combined, with cardiometabolic risk factors at 9 years of age.

| | No obesity | General obesity ^a | Abdominal obesity ^b | General and abdominal obesity |
|--|--------------------------|--------------------------------|--------------------------------|-----------------------------------|
| | OR ^c (95% CI) | | | |
| Dyslipidemia^d (N=1,950) | 1 (ref) | 2.55 (1.60–4.07) ^{††} | 2.46 (1.41–4.31) [†] | 3.87 (2.87–5.22) ^{††} |
| Dysglycemia^e (N=1,950) | 1 (ref) | 1.92 (0.98–3.76) | 2.11 (0.98–4.70) | 9.72 (6.90–13.69) ^{††} |
| Prediabetes ^f (N=1,904) | 1 (ref) | 0.52 (0.12–2.20) | 0.99 (0.23–4.21) | 2.76 (1.63–4.64) ^{††} |
| HOMA-IR ^g (N=1,904) | 1 (ref) | 3.19 (1.49–6.83) [†] | 3.21 (1.36–7.54) [†] | 15.92 (10.66–23.78) ^{††} |
| High blood pressure^h (N = 1,950) | 1 (ref) | 2.46 (1.36–4.46) [†] | 2.08 (0.99–4.38) | 5.74 (4.07–8.10) ^{††} |

^a General obesity: body mass index (BMI) > +2 (SD) according to the standardized tables of the WHO 2007.

^b Abdominal obesity: $\geq 90^{\text{th}}$ percentile of waist circumference according to the consensus of the International Diabetes Federation (IDF).

^c Odds ratios estimated by binomial logistic regression adjusted for sex, age, family purchasing power, diet quality index (Med-DQI) and physical activity (PAQ-C).

^d At least one parameter of the following altered lipid profile: total cholesterol (≥ 200 mg/dL), HDL cholesterol (<40 mg/dL), LDL cholesterol (≥ 130 mg/dL) and triglycerides (≥ 100 mg/dL).

^e At least one parameter of the following altered glycemc profile: glycemia (≥ 100 mg/dL), HOMA-IR (≥ 3.16) or glycated hemoglobin ($\geq 5.7\%$).

^f Prediabetes: subcategory of dysglycemia. Glycemia (≥ 100 mg/dL) and glycated hemoglobin ($\geq 5.7\%$).

^g HOMA-IR: subcategory of dysglycemia. HOMA-IR ≥ 3.16 .

^h Systolic or diastolic blood pressure above the 90th percentile.

[†] *p* value <0.05; ^{††} *p* value <0.001.

Author: Honorato Ortiz Marrón et al. Department of Epidemiology, General Directorate of Public Health. Madrid, Spain

Journal: European Journal of Pediatrics