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| Table 2: Adjusted associations between offspring dietary patterns at age 3-years and body composition  |  |
|  |  | **Healthy** |  | **Processed and Snacking** |  **African and Caribbean** |
|  |  | **Coefficient/ Odds ratio+ (95% CI)** | **Coefficient/ Odds ratio+ (95% CI)** | **Coefficient/ Odds ratio+ (95% CI)** |
| BMI z-score a, d | 472 | -0.01 (-0.12 to 0.09)  | P=0.82 | 0.06 (-0.04 to 0.16) | P=0.23 | -0.08 (-0.21 to 0.04) | p=0.20 |
| Body fat percentage (%) | 382 | -0.10 (-0.92 to 0.71) | P=0.80 | 0.66 (-0.10 to 1.43) | P=0.09 | -0.64 (-1.41 to 0.48) | p=0.33 |
| Height-for-age z-score a, d | 477 | 0.02 (-0.08 to 0.13) | P=0.65 | 0.02 (-0.08 to 0.12) | P=0.69 | 0.07 (-0.05 to 0.21) | P=0.24 |
| Height-for-weight z-score a, d | 472 | -0.02 (-0.12 to 0.08) | p=0.72 | 0.08 (-0.01 to 0.18) | p=0.09 | -0.08 (-0.21 to 0.04) | p=0.18 |
| Weight-for-age z-score a, d | 477 | -0.01 (-0.12 to 0.09) | P=0.75 | 0.05 (-0.04 to 0.15) | P=0.28 | -0.007 (-0.13 to 0.12) | p=0.91 |
| Arm (cm)  | 462 | -0.1 (-0.29 to 0.08) | P=0.28 | 0.15 (-0.03 to 0.33) | P=0.10 | -0.23 (-0.45 to -0.01) | P=0.04 |
| Waist (cm)  | 466 | 0.06 (-0.39 to 0.51) | P=0.79 | 0.10 (-0.33 to 0.52) | P=0.66 | -0.45 (-0.98 to 0.08) | P=0.09 |
| Sum of skinfolds (mm) b | 371 | -1.76 (-3.30 to -0.14) | P=0.03 | 0.63 (-1.59 to 2.86) | P=0.57 | -0.89 (-3.12 to 1.33) | p=0.43 |
| Obese (IOFT cut off) c, d | 472 | 1.07 (0.73 to 1.56) | P=0.70 | 1.53 (1.07 to 2.19) | P=0.002 | 0.61 (0.37 to 1.01) | p=0.056 |
| IOTF: International Obesity Task Force, gender specific BMI cut-offs; a Z-scores calculated using the WHO growth standards (2007); bsum of triceps, biceps, subscapular, suprailiac and abdominal skinfold thicknesses (mm); c Odds ratio. +Adjusted for maternal ethnicity, socio-economic status, smoking and BMI at baseline (15-18 weeks’ gestation), years spent in full time education, maternal age, parity, infant birthweight, age at follow-up and sex and randomisation arm. d was notadjusted for infant sex or age at follow-up. Children were excluded if they were born ≤ 34 weeks gestation or suffering from major ill health. |