Supplement

**Table S2.** Overview of the associations between Z-scores for postnatal weight for length gain rates (WLG) and sitting systolic blood pressure (SBP) (crude model) and adjusted for ethnicity and sex (model 1). Several explanatory models included additionally to investigate whether these explain the association of interest. BP=blood pressure; CVD=cardiovascular disease; BMI=body mass index; VAT=visceral adipose tissue; SAT=subcutaneous adipose tissue.

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| --- | --- | --- |
|  | Systolic blood pressure (mmHg) β (95% CI) | P-value |
| Crude model (n = 802) | 0.562 (0.01; 1.1) | 0.05 |
| Model 1 (M1) **\*** (n = 654) | 0.909 (0.3; 1.5) | <0.01 |
| M1 + parental BP | 0.971 (0.2; 1.7) | 0.01 |
| M1 + (grand)parent CVD | 0.869 (0.2; 1.5) | <0.01 |
| M1 + smoke exposure during pregnancy | 0.885 (0.3; 1.5) | <0.01 |
| M1 + birth size | 0.969 (0.3; 1.7) | <0.01 |
| M1 + breastfeeding | 0.920 (0.3; 1.5) | <0.01 |
| M1 + BMI at follow-up | 0.575 (-0.1; 1.2) | 0.08 |
| M1 + VAT at follow-up | 0.663 (0.0; 1.3) | 0.05 |
| M1 + SAT at follow-up | 0.772 (0.1; 1.4) | 0.02 |
| M1 + parental smoking postnatal | 0.857 (0.2; 1.5) | <0.01 |

\* Adjusted for ethnicity and sex.