**Supplementary Material - Tables 1a) and 1b) - Sensitivity analysis for linear regression analysis**

1. **Considering the sub-sample with both body composition and clinical examination data (n = 117).**

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|  | **Crude** | | | **Model 1** \* | | | **Model 2** † | | |
|  | **β (95% CI)** | ***P*** | **R2** | **β (95% CI)** | ***P*** | **R2** | **β (95% CI)** | ***P*** | **R2** |
| Visceral adiposity tissue ‡  (cm3) | 0.09 (0.01; 0.16) | **0.021** | 0.05 | 0.10 (0.02; 0.18) | **0.015** | 0.06 | 0.10 (0.02; 0.18) | **0.017** | 0.06 |
| Android-to-gynoid fat ratio | 0.01 (0.004; 0.02) | **0.007** | 0.06 | 0.01 (0.004; 0.02) | **0.006** | 0.07 | 0.01 (0.004; 0.02) | **0.007** | 0.08 |
| Body fat (%) | 0.39 (0.07; 0.71) | **0.019** | 0.05 | 0.37 (0.04; 0.71) | **0.029** | 0.06 | 0.35 (0.02; 0.69) | **0.037** | 0.09 |
| Fat mass index (kg/m2) | 0.18 (0.03; 0.32) | **0.018** | 0.05 | 0.18 (0.03; 0.33) | **0.020** | 0.07 | - | - | - |
| Appendicular skeletal muscle mass index ‡ (kg/m2) | 0.008 (0.002; 0.01) | **0.045** | 0.03 | 0.008 (0.0001; 0.02) | **0.047** | 0.08 | - | - | - |

1. **Considering only participants whose mothers reported pre-pregnancy body mass index ≥ 18.5 kg/m2 (n = 139).**

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|  | **Crude** | | | **Model 1** \* | | | **Model 2** † | | |
|  | **β (95% CI)** | ***P*** | **R2** | **β (95% CI)** | ***P*** | **R2** | **β (95% CI)** | ***P*** | **R2** |
| Visceral adiposity tissue ‡ (cm3) | 0.09 (0.02; 0.16) | **0.016** | 0.04 | 0.09 (0.02; 0.17) | **0.014** | 0.05 | 0.09 (0.02; 0.17) | **0.014** | 0.05 |
| Android-to-gynoid fat ratio | 0.01 (0.005; 0.02) | **0.002** | 0.07 | 0.01 (0.006; 0.02) | **0.002** | 0.08 | 0.01 (0.006; 0.02) | **0.002** | 0.09 |
| Body fat (%) | 0.37 (0.04; 0.70) | **0.031** | 0.03 | 0.36 (0.02; 0.71) | **0.039** | 0.04 | 0.36 (0.02; 0.70) | **0.037** | 0.08 |
| Fat mass index (kg/m2) | 0.16 (0.01; 0.30) | **0.032** | 0.03 | 0.16 (0.02; 0.31) | **0.029** | 0.04 | - | - | - |
| Appendicular skeletal muscle mass index ‡ (kg/m2) | 0.005 (-0.001; 0.01) | 0.115 | 0.02 | 0.006 (-0.001; 0.01) | 0.096 | 0.02 | - | - | - |

CI, confidence interval

\* Adjusted for maternal age (≤ 19; >19 and < 35; ≥ 35 years), maternal education (<11; ≥ 11 years) and parity (0; ≥ 1), as recommended by DAG.

†Adjusted for variables included in Model 1 plus height (cm).

‡ Variables were log-transformed