Supplement

Table S1. Characteristics of Whistler offspring and parents by lowest birth size percentile vs. the other birth size percentiles.

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| --- | --- | --- | --- |
|  | Lowest birth size percentile (N = 76) | Other birth size percentiles (N = 684) | P-value |
| Whistler offspring at birth |  |  |  |
| Gender (% males)  | 51.3 | 46.5 | 0.42 |
| Birth weight (g)  | 2981 ± 414 | 3639 ± 452 | <0.01 |
| Birth length (cm)  | 51.0 ± 2.5 | 51.0 ± 2.2 | 0.74 |
| Z-score birth size (SD) | -1.7 ± 0.4 | 0.2 ± 0.8 | <0.01 |
| Smoke exposure during pregnancy (%) | 15.8 | 16.7 | 0.83 |
| Systolic blood pressure (mmHg)  | 81 (14) | 86 (11) | 0.33 |
| Diastolic blood pressure (mmHg)  | 35 (8) | 39 (10) | 0.28 |
| Infant feeding (% ever had breastfeeding)  | 88.2 | 80.9 | 0.12 |
| Ethnicity (% Western) | 95.3 | 93.2 | 0.79 |
| Mothers |  |  |  |
| Mothers age at giving birth (yr)  | 32.5 ± 3.0 | 32.9 ± 3.5 | 0.89 |
| BMI (kg/m2)  | 25.0 ± 4.3 | 25.0 ± 4.1 | 0.86 |
| Systolic blood pressure (mmHg)  | 112 ± 12  | 112 ± 11 | 0.63 |
| Diastolic blood pressure (mmHg)  | 74 ± 7 | 73 ± 9 | 0.46 |
| Parity (median, IQR) | 0 (1) | 1 (1) | 0.15 |
| Fathers |  |  |  |
| BMI (kg/m2)  | 25.4 ± 3.1 | 25.3 ± 3.2 | 0.88 |
| Systolic blood pressure (mmHg)  | 127 ± 12 | 126 ± 12 | 0.81 |
| Diastolic blood pressure (mmHg)  | 78 ± 9 | 77 ± 9 | 0.31 |
| Whistler children at follow-up visit  |  |  |  |
| Age (yr)  | 5.5 ± 0.3 | 5.5 ± 0.5 | 0.37 |
| Weight (kg) | 19.3 ± 2.8 | 20.6 ± 2.8 | <0.01 |
| Height (cm)  | 114 ± 5.8 | 116 ± 5.0 | 0.02 |
| BMI (kg/m2)  | 14.7 ± 1.2 | 15.3 ± 1.3 | <0.01 |
| Visceral abdominal tissue (mm)  | 36.4 ± 6.5 | 37.2 ± 7.0 | 0.36 |
| Subcutaneous abdominal tissue (mm) (median (IQR)) | 5.9 (3) | 6.1 (3) | 0.36 |
| Smoking exposure infancy (Yes) (%) | 2.7 | 4.7 | 0.50 |

Values are mean ± SD, unless otherwise indicated.