**Supplementary table 1**: Comparison of maternal parameters, anthropometry and body composition at birth and 6 mo between symmetrical\* and asymmetrical SGA infants

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| **Variables** | **Symmetrical SGA (n=16)** | **Asymmetrical SGA (n=127)** | **P-value** |
| Mothers’ height (cm) | 151.3 ± 6.0 | 153.0 ± 5.2 | 0.226 |
| Mothers’ BMI (Kg/m2) | 18.8 ± 3.2 | 21.2 ± 3.4 | 0.007 |
| Period of gestation (weeks) | 38.9 ± 1.5 | 38.6 ± 1.2 | 0.337 |
|  **Anthropometry and body composition at birth** |
| Birth weight (g) | 2205 ± 239 | 2352 ± 206 | 0.008 |
| WAZ | -2.6 ± 0.6 | -2.2 ± 0.5 | 0.013 |
| Birth length (cm) | 45.4 ± 1.3 | 47.1 ± 1.4 | <0.001 |
| LAZ | -2.11 ± 0.65 | -1.30 ± 0.71 | <0.001 |
| Head Circumference (cm) | 31.6 ± 0.7 | 33.0 ± 0.9 | <0.001 |
| HCZ# | -1.9 (-2.4, -1.6) | -1.0 (-1.5, 0.4) | <0.001 |
|  Body mass index (Kg/m2) |  10.7 ± 0.92 |  10.6 ± 0.8 |  0.704 |
| FM% | 7.0 ± 4.5 | 5.3 ± 2.5 | 0.024 |
| FMI (Kg/m2)# | 0.5 (0.4, 1.1) | 0.5 (0.3, 0.7) | 0.295 |
| FFMI (Kg/m2) | 9.3 ± 0.7 | 9.6 ± 0.8 | 0.288 |
| **Anthropometry and body composition at 6 months of age****(Symmetrical, n=14 and Asymmetrical, n=90)** |
| Weight (g) | 5897 ± 841 | 6544 ± 762 | 0.004 |
| WAZ | -2.0 ± 1 | -1.5 ± 1 | 0.061 |
| Delta WAZ# | 0.7 (-0.01, 0.9) | 0.8 (0.1, 1.42) | 0.650 |
| Catch-up growth present, n (%) | 6 (42.9) | 48 (53.3) | 0.465 |
| Length (cm) | 63.7 ± 2.2 | 65.1 ± 2.1 | 0.028 |
| LAZ# | -1.4 (1.4, 0.8) | -0.8 (-1.3, 0.2) | 0.167 |
| Head Circumference (cm) | 40.2 ± 1.0 | 41.7 ± 1.4 | <0.001 |
| HCZ# | -1.9 (-2.1, -1.5) | -1.0 (-1.5 -0.2) | <0.001 |
| FM% | 22.7 ± 7.5 | 23.3 ± 7.2 | 0.744 |
| FMI (Kg/m2) | 3.3 ± 1.3 | 3.6 ± 1.3 | 0.452 |
| FFMI (Kg/m2) | 11.1 ± 1.2 | 11.7 ± 1.0 | 0.051 |

**\***Symmetrical SGA defined as birth weight, length and head circumference all below the 10th percentile for gestational age on Intergrowth-21st growth charts

# Data presented as median (IQR)

WAZ: weight for age Z-score, LAZ: length for age Z-score, HCZ: head circumference for age Z-score; FM%: fat mass percentage; FFM: fat- free mass; FMI: fat mass index; FFMI: fat-free mass index