|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table OSM1: Differences in child weight centile and height between those meeting *vs* not meeting IOM guidelines for dietary protein intake during pregnancy** | | | | | | | | | | | | | | | | | | | | | |
|  | **Trimester 1** | | | | | | | **Trimester 2** | | | | | | | **Trimester 3** | | | | | | |
| **Protein Intakes** | **≥0.8g·day-1·kg-1** | | | **<0.8g·day-1·kg-1** | | |  | **≥1.1g·day-1·kg-1** | | | **<1.1g·day-1·kg-1** | | |  | **≥1.1g·day-1·kg-1** | | | **<1.1g·day-1·kg-1** | | |  |
|  | **n** | **median** | **IQR** | **n** | **median** | **IQR** | ***P*** | **n** | **median** | **IQR** | **n** | **median** | **IQR** | ***P*** | **n** | **median** | **IQR** | **n** | **median** | **IQR** | ***P*** |
| **Birth Weight Centiles** | 420 | 79.80 | 33.15 | 89 | 73.10 | 36.05 | 0.077 | 257 | 83.00 | 26.85 | 258 | 74.90 | 37.70 | 0.000\* | 265 | 80.80 | 31.15 | 245 | 76.80 | 36.35 | 0.028\* |
| **6 Month Weight Centile** | 211 | 67.00 | 47 | 35 | 76.00 | 45.00 | 0.117 | 138 | 65.50 | 47.25 | 112 | 70.00 | 46.25 | 0.532 | 147 | 66.00 | 45.00 | 104 | 70.50 | 48.75 | 0.495 |
| **2 Year Weight Centile** | 226 | 63.50 | 47.25 | 45 | 79.00 | 57.50 | 0.286 | 145 | 63.00 | 50.00 | 135 | 74.00 | 47.00 | 0.043\* | 152 | 62.50 | 48.75 | 130 | 72.50 | 47.50 | 0.029\* |
| **5 Year Weight Centile** | 268 | 67.00 | 40.75 | 43 | 75.00 | 41.00 | 0.205 | 176 | 66.00 | 44.75 | 140 | 70.00 | 38.00 | 0.369 | 187 | 64.00 | 40.00 | 128 | 73.00 | 40.50 | 0.036\* |
|  | **n** | **mean** | **SD** | **n** | **mean** | **SD** | ***P*** | **n** | **mean** | **SD** | **n** | **mean** | **SD** | ***P*** | **n** | **mean** | **SD** | **n** | **mean** | ***SD*** | ***P*** |
| **Birth Length (cm)** | 383 | 52.72 | 2.26 | 84 | 52.51 | 2.50 | 0.456 | 231 | 52.83 | 2.18 | 242 | 52.63 | 2.43 | 0.363 | 240 | 52.67 | 2.28 | 227 | 52.79 | 2.35 | 0.562 |
| **6 Month Length (cm)** | 210 | 69.72 | 2.87 | 35 | 70.26 | 3.27 | 0.314 | 138 | 69.45 | 2.79 | 112 | 70.12 | 3.04 | 0.071 | 146 | 69.44 | 2.81 | 105 | 70.19 | 3.00 | 0.045\* |
| **2 Year Length (cm)** | 226 | 89.62 | 3.41 | 46 | 90.66 | 3.33 | 0.059 | 144 | 89.42 | 3.49 | 137 | 90.37 | 3.41 | 0.023\* | 151 | 89.53 | 3.47 | 132 | 90.21 | 3.38 | 0.096 |
| **5 Year Height (cm)** | 268 | 111.47 | 4.55 | 43 | 112.36 | 4.09 | 0.228 | 176 | 111.49 | 4.44 | 140 | 111.76 | 4.73 | 0.601 | 187 | 111.28 | 4.72 | 128 | 112.14 | 4.20 | 0.096 |
| Guidelines based on recommended daily allowances set out by the IOM 2005 guidelines (11). Statistical comparisons by student T-tests or Mann-whitney U. \**P* < 0.05  IOM: Instituate of Medicine, IQR: Interquartile range. Normally distributed data is reported as mean, SD. Non-normally distributed data is reported as median, IQR. | | | | | | | | | | | | | | | | | | | | | |