**Table 2**: Associations between height, BMI, abdominal circumference, triceps and subscapular skinfold velocities with prehypertension/hypertension at 48 months

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **OR1** | **95% CI** |
|  |  | **low** | **high** |
| **Height gain velocity** |  |  |  |
|  | 0 to 3 months | 1.20 | 0.92 | 1.55 |
|  | 3 to 12 months | ***1.45*** | ***1.12*** | ***1.88*** |
|  | 12 to 24 months | 1.13 | 0.85 | 1.49 |
|  | 24 to 36 months | 1.08 | 0.83 | 1.42 |
|  | 36 to 48 months | 1.16 | 0.88 | 1.52 |
| **BMI gain velocity2** |  |  |  |
|  | 0 to 3 months | 1.02 | 0.79 | 1.32 |
|  | 3 to 12 months | 1.23 | 0.92 | 1.65 |
|  | 12 to 24 months | ***1.40*** | ***1.04*** | ***1.90*** |
|  | 24 to 36 months | 1.19 | 0.93 | 1.51 |
|  | 36 to 48 months | ***1.46*** | ***1.13*** | ***1.90*** |
| **AC gain velocity2** |  |  |  |
|  | 0 to 3 months | 1.09 | 0.83 | 1.46 |
|  | 3 to 12 months | 1.08 | 0.83 | 1.42 |
|  | 12 to 24 months | ***1.46*** | ***1.11*** | ***1.93*** |
|  | 24 to 36 months | 0.92 | 0.71 | 1.21 |
|  | 36 to 48 months | ***1.49*** | ***1.17*** | ***1.92*** |
| **TS gain velocity2** |  |  |  |
|  | 0 -18 months | 1.09 | 0.79 | 1.51 |
|  | 18- 36 months | 1.13 | 0.84 | 1.49 |
|  | 36-48 months | ***1.45*** | ***1.09*** | ***1.92*** |
| **SS gain velocity2** |  |  |  |
|  | 0 -18 months | 1.02 | 0.70 | 1.48 |
|  | 18- 36 months | 1.26 | 0.97 | 1.65 |
|  | 36-48 months | ***1.43*** | ***1.09*** | ***1.88*** |

 1 All models adjusted for maternal age, parity, education level, height, BMI, ethnicity and blood pressure. Growth velocities at later periods were additionally adjusted for growth velocities at preceding intervals as well as measurement at birth

2 BMI=body mass index; AC=abdominal circumference; TS=triceps skinfolds; SS=subscapular skinfolds