Supplement Table 1. Adjusted\* β Coefficient (95% CI) for HAZ, WAZ and BMIZ by natural log-transformed PFAA level in child participants (ages 3-11 years) in NHANES 2013-2014.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Height-for-age z-score | Weight-for-age z-score | BMI Z-score |
|  | All n=600 | All n=600 | All n=600 |
|  |  |  |  |
| PFOA | -0.31 (-0.67, 0.04) |  -0.34 (-0.68, -0.01) | -0.19 (-0.50, 0.12) |
| PFNA | -0.10 (-0.28, 0.08) | -0.04 (-0.25, 0.16) | 0.03 (-0.18, 0.24) |
| PFHxS  | -0.14 (-0.24, -0.04) | -0.14 (-0.29, 0.01) | -0.08 (-0.21, 0.05) |
| PFOS  | -0.29 (-0.49, -0.10) | -0.25 (-0.47, -0.03) | -0.09 (-0.30, 0.13) |
| CmixRPFi  | -0.33 (-0.57, -0.09) | -0.29 (-0.55, -0.03) | -0.10 (-0.36, 0.16) |
| ∑ Molar PFAS  | -0.32 (-0.55, -0.10) | -0.29 (-0.54, -0.04) | -0.12 (-0.36, 0.11) |
|  |  |  |  |
|  | Boys n=319 | Boys n=319 | Boys n=319 |
|  |  |  |  |
| PFOA | -0.28 (-0.70, 0.14) | -0.22 (-0.51, 0.08) | -0.02 (-0.35, 0.30) |
| PFNA | -0.15 (-0.36, 0.07) | -0.01 (-0.16, 0.15) | 0.12 (-0.05, 0.29) |
| PFHxS  | -0.11 (-0.20, -0.01) | -0.20 (-0.33, -0.06) | -0.19 (-0.37, -0.00) |
| PFOS  | -0.22 (-0.41, -0.03) | -0.17 (-0.37, 0.03) | -0.02 (-0.29, 0.24) |
| CmixRPFi  | -0.27 (-0.50, -0.04) | -0.18 (-0.38, 0.03) | 0.01 (-0.28, 0.31) |
| ∑ Molar PFAS  | -0.26 (-0.46, -0.06) | -0.21 (-0.41, -0.01) | -0.04 (-0.34, 0.26) |
|  |  |  |  |
|  | Girls n=281 | Girls n=281 | Girls n=281 |
|  |  |  |  |
| PFOA | -0.36 (-0.87, 0.14) | -0.53 (-1.18, 0.12) | -0.45 (-1.00, 0.10) |
| PFNA | -0.02 (-0.22, 0.18) | -0.09 (-0.39, 0.21) | -0.10 (-0.41, 0.21) |
| PFHxS  | -0.16 (-0.36, 0.03) | -0.07 (-0.31, 0.17) | 0.03 (-0.23, 0.28) |
| PFOS  | -0.34 (-0.73, 0.05) | -0.35 (-0.72, 0.03) | -0.20 (-0.48, 0.07) |
| CmixRPFi  | -0.38 (-0.87, 0.10) | -0.46 (-0.93, 0.02) | -0.32 (-0.66, 0.02) |
| ∑ Molar PFAS  | -0.39 (-0.86, 0.08) | -0.42 (-0.87, 0.03) | -0.27 (-0.60, 0.05) |

\*Adjusted for: age (continuous), quadratic age, race/ethnicity, PIR, serum cotinine, birthweight, maternal smoking during pregnancy, hematocrit, and sex. Models stratified by sex were not adjusted for sex.