**S12 Table. Association between child's outcome and child's biomarkers**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Child's outcome | | | | | | | | | | | |
| BMIZ (n=44) | | | | SBP (n=43) | | | | DBP (n=43) | | | |
| Unadjusted | | Adjusted | | Unadjusted | | Adjusted | | Unadjusted | | Adjusted | |
| B | *p* | B | *p* | B | *p* | B | *p* | B | *p* | B | *p* |
| Child Log VDBP | 0.449 | 0.205 | 0.316 | 0.435 | 4.005 | 0.242 | 3.884 | 0.395 | 0.588 | 0.827 | 2.845 | 0.392 |
| Child Log Adiponectin | -0.054 | 0.917 | -0.441 | 0.331 | 0.198 | 0.968 | -1.878 | 0.716 | 3.041 | 0.433 | 3.094 | 0.411 |
| Child RBP4 | 1.217 | **0.009** | 0.196 | 0.731 | 7.188 | 0.125 | -0.113 | 0.986 | 4.548 | 0.214 | -5.357 | 0.258 |
| Child CRP | 0.250 | **0.049** | 0.121 | 0.386 | 0.374 | 0.768 | -0.692 | 0.681 | 0.929 | 0.344 | -0.435 | 0.722 |
| Child Leptin | 0.804 | **<0.001** | 0.745 | **0.001** | 4.943 | **0.009** | 4.241 | 0.132 | 5.47 | **<0.001** | 5.24 | **0.013** |
| Birth weight (kg) | -0.175 | 0.540 | 0.172 | 0.544 | 0.4759 | 0.864 | 1.159 | 0.719 | -2.179 | 0.309 | -2.328 | 0.323 |
| Gender: Boy | -0.277 | 0.381 | -0.188 | 0.52 | -1.077 | 0.728 | -0.856 | 0.793 | -2.988 | 0.211 | -1.171 | 0.623 |
| MMN supplementation | 0.132 | 0.678 | 0.22 | 0.435 | 5.637 | 0.063 | 4.572 | 0.173 | 1.592 | 0.508 | 1.084 | 0.653 |
| Child BMIZ |  |  |  |  | 4.064 | **0.007** | 1.601 | 0.454 | 3.444 | **0.003** | 1.2 | 0.441 |

VDBP: vitamin D binding protein; RBP4: retinol binding protein 4; CRP: C-reactive protein; post-supp: post-supplementation; B: coefficient of regression; Hb: hemoglobin; MUAC: mid-upper arm circumference; MMN: multiple micronutrients; BMI: body mass index; SBP: systolic blood pressure; DBP: diastolic blood pressure. Analysis was performed using unadjusted and adjusted linear models. For adjusted regressions, the dependent variables were BMIZ, SBP, DBP, and the independent variables were child biomarkers, maternal Hb at baseline, maternal height, maternal MUAC at baseline, birth weight, child's gender (boy/girl), MMN/IFA supplementation, and child BMIZ for models with SBP and DBP as dependent variables. Significant *p* values <0.05.