

Table II Mean values of some cardiovascular risk factors among children with normal and deficient/insufficiency Vitamin D

| Variables | Normal vitamin D | | Vitamin D deficiency/insufficiency | | P value | 95% CI |
|--------------------------|------------------|------------|------------------------------------|------------|---------|------------------|
| | N (%) | Mean (SD) | N (%) | Mean (SD) | | |
| BMI (kg/m ²) | 54 (34) | 15.8 (1.5) | 105 (66) | 16.4 (2.1) | 0.052 | -0.006 to 1.261 |
| Systolic bl pr (mmHg) | 49 (32) | 94 (6) | 104 (68) | 95 (7) | 0.504 | -1.44 to 2.91 |
| Diastolic bl pr (mmHg) | 49 (32) | 56 (4) | 104 (68) | 56 (5) | 0.335 | -2.4 to 0.81 |
| Cholesterol (mmol/L) | 54 (35) | 4.5 (0.6) | 102 (65) | 4.3 (0.7) | 0.169 | -0.37 to 0.07 |
| HDL (mmol/L) | 54 (35) | 1.6 (0.3) | 102 (65) | 1.5 (0.3) | 0.044 | -0.195 to -0.002 |
| LDL (mmol/L) | 30 (35) | 2.6 (0.6) | 56 (65) | 2.5 (0.6) | 0.184 | -0.443 -0.087 |
| Tryglicerides (mmol/L) | 54 (35) | 0.6 (0.2) | 102 (65) | 0.6 (0.2) | 0.867 | -0.08 to 0.07 |
| Glucose (mmol/L) | 52 (36) | 4.6 (0.4) | 94 (64) | 4.6 (0.3) | 0.908 | -0.101 to 0.114 |
| HbA1c (mmol/L) | 54 (34) | 5.3 (0.3) | 103 (66) | 5.5 (0.2) | 0.015 | 0.02 to 0.19 |
| Insulin (mU/L) | 54 (35) | 3.4 (2.2) | 102 (65) | 4.4 (2.3) | 0.014 | 0.19 to 1.69 |