|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Model 1: 25(OH)D=WAZ group\*** | | | **Model 2: HAZ=25(OH)D group**† | | |
| Cutoff range for 25(OH)D (nmol/L) | OR | 95% CI | P-value | OR | 95% CI | P-value |
| 30.0 | 1.9 | 0.62, 5.8 | 0.2655 | 2.2 | 0.71, 6.7 | 0.1755 |
| 32.5 | 1.1 | 0.49, 2.3 | 0.8722 | 2.1 | 0.87, 4.9 | 0.0988 |
| 35.0 | 1.3 | 0.62, 2.6 | 0.5116 | 2.3 | 1.0, 5.2 | 0.0401 |
| 37.5 | 1.4 | 0.77, 2.7 | 0.2616 | 1.9 | 0.97, 3.5 | 0.0606 |
| 40.0 | 1.8 | 1.0, 3.0 | 0.0413 | 3.1 | 1.7, 5.6 | 0.0002 |
| 42.5 | 2.0 | 1.2, 3.4 | 0.0080 | 2.7 | 1.6, 4.6 | 0.0002 |
| 45.0 | 1.5 | 0.97, 2.4 | 0.0712 | 2.2 | 1.4, 3.5 | 0.0007 |
| 47.5 | 1.5 | 0.97, 2.2 | 0.0666 | 2.0 | 1.3, 3.1 | 0.0010 |
| 50.0 | 1.3 | 0.92, 2.0 | 0.1317 | 1.8 | 1.2, 2.6 | 0.0036 |
| 52.5 | 1.4 | 0.96, 2.0 | 0.0834 | 1.6 | 1.1, 2.3 | 0.0108 |
| 55.0 | 1.2 | 0.86, 1.8 | 0.2645 | 1.5 | 1.1, 2.2 | 0.0211 |
| 57.5 | 1.1 | 0.74, 1.5 | 0.7403 | 1.5 | 1.1, 2.2 | 0.0238 |
| 60.0 | 1.0 | 0.70, 1.5 | 0.9252 | 1.4 | 0.98, 2.0 | 0.0643 |
| 62.5 | 0.87 | 0.59, 1.3 | 0.4660 | 1.2 | 0.85, 1.8 | 0.2739 |
| 65.0 | 0.86 | 0.57, 1.3 | 0.4495 | 1.2 | 0.78, 1.7 | 0.4787 |
| 67.5 | 0.79 | 0.52, 1.2 | 0.2771 | 1.1 | 0.71, 1.6 | 0.7626 |
| 70.0 | 0.73 | 0.47, 1.1 | 0.1689 | 1.0 | 0.69, 1.6 | 0.8239 |
| 72.5 | 0.73 | 0.46, 1.2 | 0.1876 | 1.0 | 0.68, 1.6 | 0.8318 |
| 75.0 | 0.81 | 0.51, 1.3 | 0.3882 | 1.1 | 0.72, 1.8 | 0.5862 |

**Supplemental Table 1:** Results of sensitivity analysis using various cutoffs of 25(OH)D

Footnote:

\* Model 1: Underweight (WAZ ≤ -1) as a predictor of varying 25(OH)D cutoffs.

† Model 2: Varying 25(OH)D cutoffs as predictors of stunting (HAZ ≤ -2).