**Supplementary Table 1:** Criterion of two-thirds DRI of key macro- and micronutrients according to maternal low dietary diversity based on 24-hour dietary recalls.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variables a | DRI b | MDD-W  *n*=159 | LDD  *n*=274 | Total  (*N*=433) | Maternal Low Dietary Diversity | |
| OR c (95% CI) | aOR d (95% CI) |
| *Macronutrient intake* |  |  |  |  |  |  |
| Protein (g/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **46-71** | 114 (71.7)  45 (28.3) | 94 (34.3)  180 (65.7) | 208 (48.0)  225 (52.0) | 1.0  **4.85 (3.17-7.43)** | 1.0  **3.27 (2.02-5.29)** |
| Fibers (g/d)  ≥ 2/3rd DRI  < 2/3rd DRI | 25-29\* | 73 (46.2)  85 (53.8) | 53 (19.3)  221 (80.7) | 126 (29.2)  306 (70.8) | 1.0  **3.58 (2.32-5.52)** | 1.0  **1.91 (1.12-3.24)** |
| *Micronutrient intake* |  |  |  |  |  |  |
| Iron (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **9-27** | 85 (53.8)  73 (46.2) | 71 (25.9)  203 (74.1) | 156 (36.1)  276 (63.9) | 1.0  **3.33 (2.20-5.03)** | 1.0  **1.90 (1.17-3.11)** |
| Folate (µg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **400-600** | 52 (32.7)  107 (67.3) | 39 (14.2)  235 (85.8) | 91 (21.0)  342 (79.0) | 1.0  **2.93 (1.82-4.70)** | 1.0  1.60 (0.94-2.72) |
| Vitamin B12 (µg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **2.4-2.8** | 62 (39.0)  97 (61.0) | 35 (12.8)  239 (87.2) | 97 (22.4)  336 (77.6) | 1.0  **4.36 (2.71-7.03)** | 1.0  **3.60 (2.19-5.94)** |
| Vitamin C (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **65-120** | 86 (54.4)  72 (45.6) | 74 (27.0)  200 (73.0) | 160 (37.0)  272 (63.0) | 1.0  **3.23 (2.14-4.87)** | 1.0  **2.26 (1.45-3.51)** |
| Vitamin A (µg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **700-1300** | 39 (24.5)  120 (75.5) | 29 (10.6)  245 (89.4) | 68 (15.7)  365 (84.3) | 1.0  **2.75 (1.62-4.66)** | 1.0  **1.98 (1.12-3.48)** |
| Thiamin (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **1-1.4** | 129 (81.6)  29 (18.4) | 174 (63.5)  100 (36.5) | 303 (70.1)  129 (29.9) | 1.0  **2.56 (1.60-4.10)** | 1.0  1.23 (0.71-2.14) |
| Riboflavin (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **1-1.6** | 118 (74.7)  40 (25.3) | 96 (35.0)  178 (65.0) | 214 (49.5)  218 (50.5) | 1.0  **5.47 (3.54-8.46)** | 1.0  **3.83 (2.36-6.21)** |
| Niacin (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **14-18** | 121 (76.1)  38 (23.9) | 146 (53.3)  128 (46.7) | 249 (57.5)  184 (42.5) | 1.0  **3.63 (2.35-5.61)** | 1.0  **2.11 (1.27-3.52)** |
| Vitamin B6 (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **1.2-2** | 66 (41.8)  92 (58.2) | 42 (15.3)  232 (84.7) | 108 (25.0)  324 (75.0) | 1.0  **3.96 (2.51-6.25)** | 1.0  **2.27 (1.34-3.84)** |
| Zinc (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **8-13** | 77 (48.7)  81 (51.3) | 45 (16.4)  229 (83.6) | 122 (28.2)  310 (71.8) | 1.0  **4.84 (3.10-7.56)** | 1.0  **3.07 (1.85-5.10)** |
| Calcium (mg/d)  ≥ 2/3rd DRI  < 2/3rd DRI | **1000-1300** | 39 (24.7)  119 (75.3) | 40 (14.6)  234 (85.4) | 108 (25.0)  324 (75.0) | 1.0  **1.92 (1.17-3.14)** | 1.0  1.00 (0.58-1.76) |

MDD-W, Minimum Dietary Diversity for Women; LDD, Low Dietary Diversity; d, day; a Categorical variables are expressed as n(%). b Dietary Reference Intakes (DRI) refers to the Recommended Dietary Allowances (RDA) and Adequate Intakes (AI) (54). RDA are presented in **bold type** and AI in ordinary types followed by an asterisk (\*). The criterion of two-thirds DRI represents the proportion of mothers not meeting 2/3rd of the RDA or AI for micronutrients key macro- and micronutrient according to their age group and reproductive status. c Odds Ratio (OR) of the dependent variable (Minimum Dietary Diversity for Women vs. Low Dietary Diversity) are presented with 95% CI using simple logistic regression; *P*-values of <0.05 are formatted in bold. Adjusted OR (aOR) are presented with 95% CI using multiple logistic regression analysis. d Model 1: adjusted for total energy intake; *P*-values of <0.05 are formatted in bold.