**SUPPORTING INFORMATION LEGENDS:**

**Supplemental Results Table S1a. Principal components Analysis.**  Rotated Factor Pattern for all variables initially included in the PCA, using Varimax Rotation Method.

**Supplemental Results Table S1b. Principal Components Analysis.** Percent of variance explained by 6 Principal Components.

**Supplemental Results Table S1c. Principal Components Analysis.** Final Communality Estimates (Total = 11.188779).

Table S1a. Principal components Analysis- Rotated Factor Pattern, using Varimax Rotation Method

| **Rotated Factor Pattern** |
| --- |
|  | **Component****1** |  | **Component****2** |  | **Component 3** |  | **Component 4** |  | **Component 5** |  | **Component 6** |  |
| **GENDER** | 3 |  | 31 |  | 75 | \* | 9 |  | -1 |  | -15 |  |
| **LOW BMI** | -2 |  | 1 |  | 5 |  | 24 |  | 0 |  | 58 | \* |
| **CROWDING** | -6 |  | -32 |  | 6 |  | 15 |  | 6 |  | 6 |  |
| **RURAL SETTING** | -8 |  | -18 |  | 0 |  | 76 | \* | -6 |  | 9 |  |
| **DIABETES** | 4 |  | -10 |  | -1 |  | -10 |  | -7 |  | -39 | \* |
| **FREQUENCY of ALCOHOL use** | 16 |  | -8 |  | 68 | \* | -3 |  | -4 |  | -12 |  |
| **SMOKE\_Cigg** | 3 |  | -2 |  | 67 | \* | 10 |  | -4 |  | -22 |  |
| **SMOKE\_Tobbaco** | 1 |  | -11 |  | 54 | \* | -3 |  | -2 |  | 23 |  |
| **SMOKE\_Other** | -1 |  | -4 |  | 51 | \* | -5 |  | 6 |  | 18 |  |
| **FREQUENCY of MILK intake** | -14 |  | 33 |  | -4 |  | 3 |  | 39 | \* | -43 | \* |
| **FREQUENCY of BEANS intake**  | -5 |  | 4 |  | 2 |  | -7 |  | 76 | \* | 2 |  |
| **FREQUENCY of GREEN VEG intake**  | 8 |  | -4 |  | -2 |  | -6 |  | 74 | \* | 10 |  |
| **FREQUENCY of FRUIT intake**  | 14 |  | 37 |  | -8 |  | -30 |  | 35 |  | -26 |  |
| **FREQUENCY of EGGS intake**  | 87 | \* | 7 |  | 8 |  | -1 |  | 6 |  | -3 |  |
| **FREQUENCY of FISH intake**  | 87 | \* | 3 |  | 4 |  | 2 |  | -6 |  | 4 |  |
| **FREQUENCY of MEAT intake** | 89 | \* | 0 |  | 7 |  | -2 |  | 3 |  | -3 |  |
| **LITERACY LEVEL** | 2 |  | 91 | \* | 3 |  | -13 |  | 5 |  | 6 |  |
| **EDUCATION ATTAINMENT** | 0 |  | 91 | \* | 0 |  | -22 |  | 8 |  | 1 |  |
| **INDOOR AIR POLLUTION** | 2 |  | -34 |  | 7 |  | 73 | \* | -11 |  | 15 |  |
| **Access to family HEALTH INSURANCE** | -5 |  | 6 |  | 3 |  | -55 | \* | 3 |  | -3 |  |
| **ANEMIA** | 3 |  | -26 |  | -17 |  | -13 |  | 0 |  | 51 | \* |
| **Printed values are multiplied by 100 and rounded to the nearest integer. Values greater than** |**0.39**| **are flagged by an '\*'.** |

Table S1b. Principal Components Analysis. Variance explained by each Component.

| **Component** | **Variance Explained by each component** |
| --- | --- |
| **1** | 2.3801392 |
| **2** | 2.3503737 |
| **3** | 2.0915364 |
| **4** | 1.6978730 |
|  **5** | 1.4576837 |
| **6** | 1.2111730 |

Table S1c. Principal Components Analysis. Final Communality Estimates (Total = 11.188779).

|  |  |
| --- | --- |
|  | **Final Communality Estimates** |
| **GENDER** | 0.68298884 |
| **LOW BMI** | 0.39224854 |
| **CROWDING** | 0.14241175 |
| **RURAL SETTING** | 0.62344931 |
| **DIABETES** | 0.17492306 |
| **FREQUENCY of ALCOHOL use** | 0.51394779 |
| **SMOKE\_Cigg** | 0.51602728 |
| **SMOKE\_Tobbaco** | 0.36015707 |
| **SMOKE\_Other** | 0.30037547 |
| **FREQUENCY of MILK intake** | 0.46717166 |
| **FREQUENCY of BEANS intake**  | 0.58800407 |
| **FREQUENCY of GREEN VEG intake**  | 0.57278206 |
| **FREQUENCY of FRUIT intake**  | 0.44385875 |
| **FREQUENCY of EGGS intake**  | 0.76535015 |
| **FREQUENCY of FISH intake**  | 0.75746052 |
| **FREQUENCY of MEAT intake** | 0.79645305 |
| **LITERACY LEVEL** | 0.84831864 |
| **EDUCATION ATTAINMENT** | 0.87650383 |
| **INDOOR AIR POLLUTION** | 0.68361203 |
| **Access to family HEALTH INSURANCE** | 0.30773273 |
| **ANEMIA** | 0.37500236 |