**Table 2. Adjusted model for association between severe mental disorder and food insecurity**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Previous analysis category (secure/mild/moderate Vs severe food insecurity)** | | |  | **New analysis category (secure/mild Vs moderate/severe food insecurity)** | |
| **Characteristics** | **Crude Odds Ratio**  **(95% confidence interval)** | **Adjusted Odds Ratio**  **(95% confidence interval)**  **(n=556)** |  | **Crude Odds Ratio**  **(95% confidence interval)** | **Adjusted Odds Ratio**  **(95% confidence interval)**  **(n=556)** |
| Person with SMD | **2.56 (1.71, 3.83)** | **2.82 (1.62, 4.91)** |  | **2.29 (1.63, 3.22)** | **2.49 (1.50, 4.14)** |
| Male Sex | 1.46 (0.98, 2.15) | 1.12 (0.71, 1.78) |  | 1.35 (0.95, 1.92) | 1.03 (0.68, 1.55) |
| Age (in years) | 0.99 (0.98, 1.01) | 1.01 (0.99, 1.03) |  | 0.99 (0.98, 1.00) | 1.00 (0.98, 1.02) |
| Urban residence | 0.88 (0.55, 1.42) | 0.73 (0.43, 1.25) |  | 1.18 (0.78, 1.78) | 1.01 (0.68, 1.72) |
| Able to read & write | 0.78 (0.47, 1.31) | 1.01 (0.56, 1.81) |  | 0.98 (0.62, 1.55) | 1.29 (0.79, 2.15) |
| Formal education | 0.69 (0.45, 1.07) | 0.84 (0.49, 1.43) |  | 0.69 (0.47, 1.01) | 0.81 (0.51, 1.27) |
| Current household head | **0.67 (0.45, 0.99)** | 1.06 (0.61, 1.85) |  | **0.57 (0.39, 0.82)** | 0.93 (0.54, 1.60) |
| Annual income | **0.99 (0.99, 0.99)** | **0.99 (0.99, 0.99)** |  | **0.99 (0.99, 0.99)** | **0.99 (0.99, 0.99)** |
| Number of dependents | 0.90 (0.81, 1.01) | 1.07 (0.93, 1.22) |  | 0.92 (0.84, 1.01) | 1.05 (0.94, 1.17) |
| Any long-term illness | 1.56 (0.98, 2.28) | 1.34 (0.85,2.12) |  | 1.55 (1.00, 2.41) | 1.35 (0.84, 2.16) |
| Month of assessment | 0.94 (0.87, 1.01) | 0.98 (0.91, 1.06) |  | 0.97 (0.92, 1.04) | 1.03 (0.96, 1.10) |

SMD: severe mental disorder

**Table 3. Disability as a Mediator between Severe Mental Disorder and Severe Food Insecurity in the univariate and fully adjusted multivariable model**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Previous analysis category (secure/mild/moderate Vs severe food insecurity)** | | |  | **New analysis category (secure/mild Vs moderate/ severe food insecurity)** | | |
| **Characteristics** | **Crude Odds Ratio**  **(95% confidence interval)** | **Adjusted Odds Ratio**  **(95% confidence interval)**  **(n=556)** |  | **Crude Odds Ratio**  **(95% confidence interval)** | **Adjusted Odds Ratio**  **(95% confidence interval)**  **(n=556)** |
| Whodas12tot | **1.06 (1.04, 1.07)** | **1.07 (1.04, 1.09)** |  | **1.05 (1.03, 1.06)** | **1.05 (1.03, 1.07)** |
| Person with SMD | 0.78 (0.44, 1.40) | 1.01 (0.51, 2.00) |  | 0.95 (0.58, 1.53) | 1.24 (0.68, 2.25) |
| Sex (male) | 1.16 (0.76, 1.75) | 1.09 (0.68, 1.76) |  | 1.09 (0.75, 1.58) | 1.01 (0.66, 1.54) |
| Age (in years) | 1.01 (0.99, 1.02) | 1.00 (0.98, 1.02) |  | 1.00 (0.99, 1.02) | 0.99 (0.98, 1.01) |
| Residence (urban) | 0.82 (0.50, 1.35) | 0.70 (0.41, 1.22) |  | 1.15 (0.75, 1.76) | 1.05 (0.66, 1.68) |
| Able to read and write | 1.31 (0.75, 2.31) | 1.35 (0.73, 2.48) |  | 1.42 (0.87, 2.29) | 1.47 (0.88, 2.46) |
| Formal education | 0.87 (0.55, 1.38) | 1.19 (0.68, 2.07) |  | 0.81 (0.55, 1.21) | 0.97 (0.60, 1.56) |
| Current household head | **2.21 (1.30, 3.75)** | 1.80 (0.98, 3.33) |  | 1.34 (0.84, 2.14) | 1.25 (0.70, 2.22) |
| Annual income | **0.99 (0.99, 0.99)** | **0.99 (0.99, 0.99)** |  | **0.99 (0.99, 0.99)** | **0.99 (0.99, 0.99)** |
| Number of dependents | 0.97 (0.86, 1.09) | 1.07 (0.93, 1.23) |  | 0.97 (0.88, 1.08) | 1.04, 0.93, 1.17) |
| Month of assessment | 0.99 (0.92, 1.06) | 0.98 (0.91, 1.06) |  | 1.02 (0.95, 1.09) | 1.03 (0.96, 1.11) |

SMD: severe mental disorder