|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Table no. 3. Multivariate analysis using logistic regression*** | | | | | | | | | |
| **Background characteristics** | **NER region** | **Arunachal Pradesh** | **Assam** | **Manipur** | **Meghalaya** | **Mizoram** | **Nagaland** | **Sikkim** | **Tripura** |
| **(Odds ratio) Coef.** | **(Odds ratio) Coef.** | **(Odds ratio) Coef.** | **(Odds ratio) Coef.** | **(Odds ratio) Coef.** | **(Odds ratio) Coef.** | **(Odds ratio) Coef.** | **(Odds ratio) Coef.** | **(Odds ratio) Coef.** |
| **Type of residence** |  |  |  |  |  |  |  |  |  |
| Rural (**Urban reference**) | 1.146**\*\*** | 1.333**\*\*\*** | 1.253**\*\*** | 2.269**\*\*\*** | 2.221**\*\*\*** | 1.761**\*\*\*** | 1.677**\*\*\*** | 1.341**\*** | 2.355**\*\*\*** |
| **Sex of head** |  |  |  |  |  |  |  |  |  |
| Female (**Male reference**) | 0.839**\*\*\*** | 0.923 | 0.895 | 0.922 | 0.808**\*\*** | 0.889 | 0.922 | 1.220 | 0.922 |
| **Marital status** |  |  |  |  |  |  |  |  |  |
| Married (**Never married reference**) | 1.472**\*\*\*** | 1.518**\*\*\*** | 1.575**\*\*** | 0.579 | 3.445**\*\*\*** | 1.674**\*\*\*** | 1.175 | 1.579**\*\*** | 1.898**\*\*** |
| Widowed/Separated/  Divorced | 1.578**\*\*\*** | 1.464**\*\*\*** | 1.661**\*\*** | 0.869 | 3.728**\*\*\*** | 1.662**\*\*** | 1.205 | 1.335 | 1.740 |
| **Social group** |  |  |  |  |  |  |  |  |  |
| ST (**SC reference**) | 1.648**\*\*\*** | 1.687**\*\*\*** | 0.815 | 1.062 | 1.269 | 0.829 | 7.929**\*\*** | 1.3400 | 0.909 |
| OBC | 0.648**\*\*\*** | 0.794 | 1.046 | 1.796 | 0.956 | 0.641 | 2.006 | 1.290 | 0.683**\*\*** |
| None of the above | 0.616**\*\*\*** | 1.071 | 1.182 | 1.340 | 0.346**\*\*** | 0.019 | 3.932**\*** | 0.616**\*\*** | 0.699**\*\*** |
| **Religion** |  |  |  |  |  |  |  |  |  |
| Muslim(**Hindu reference**) | 0.552**\*\*\*** | 0.560**\*\*** | 0.927 | 1.191 | 1.765 | 0.169**\*\*** | 0.211**\*** | 1.346 | 0.866 |
| Christian | 1.136 | 1.465**\*\*\*** | 1.304 | 0.564 | 1.088 | 2.474 | 0.142**\*\*** | 0.916 | 0.780 |
| Others | 2.231**\*\*\*** | 1.585**\*\*\*** | 1.903**\*\*** | 1.165 | 1.952**\*\*** | 0.504 | 0.114**\*\*** | 0.955 | 0.892 |
| **Age of household head** |  |  |  |  |  |  |  |  |  |
| 35-44 ages **(< 35 ages reference**) | 1.090**\*\*\*** | 1.346**\*\*\*** | 1.146 | 1.523**\*** | 1.361**\*\*\*** | 1.280**\*\*** | 1.115 | 1.149 | 1.458**\*\*\*** |
| 45-59 ages | 1.110**\*\*\*** | 1.603**\*\*\*** | 1.332**\*\*\*** | 1.434 | 1.532**\*\*\*** | 1.406**\*\*\*** | 1.227 | 1.605**\*\*\*** | 1.345**\*\*** |
| 60-100 ages | 0.852**\*\*\*** | 1.569**\*\*\*** | 1.163 | 1.049 | 1.244**\*** | 1.543**\*\*\*** | 1.293 | 1.610**\*\*\*** | 1.325**\*** |
| **Wealth Index** |  |  |  |  |  |  |  |  |  |
| Poor (**Poorest reference**) | 1.261**\*\*\*** | 1.159 | 1.118 | 0.912 | 1.739**\*\*\*** | 1.492**\*\*\*** | 1.031 | 1.311**\*** | 1.608**\*\*\*** |
| Middle | 1.357**\*\*\*** | 1.500**\*\*\*** | 1.458**\*\*\*** | 1.476 | 2.521**\*\*\*** | 1.588**\*\*\*** | 0.704**\*** | 1.995**\*\*\*** | 1.073 |
| Richer | 1.365**\*\*\*** | 1.747**\*\*\*** | 1.396**\*\*\*** | 2.378**\*\*\*** | 2.875**\*\*\*** | 1.420**\*\*** | 0.625**\*\*** | 2.494**\*\*\*** | 0.754 |
| Richest | 1.547**\*\*\*** | 2.057**\*\*\*** | 2.642**\*\*\*** | 3.372**\*\*\*** | 3.032**\*\*\*** | 1.173 | 0.668**\*** | 3.474**\*\*\*** | 0.303**\*\*\*** |
| **Educational level of household head** |  |  |  |  |  |  |  |  |  |
| Incomplete primary (**No education as reference**) | 1.080 | 1.326**\*\*\*** | 0.974 | 1.172 | 1.019 | 1.366**\*\*** | 1.213 | 1.073 | 1.301**\*** |
| Complete primary | 1.012 | 1.172 | 0.908 | 1.402 | 0.757**\*** | 1.363**\*\*** | 1.126 | 1.275**\*** | 1.530**\*\*** |
| Incomplete secondary | 0.826**\*\*\*** | 1.282**\*\*\*** | 0.881 | 1.399 | 0.890 | 1.559**\*\*\*** | 1.301**\*\*** | 1.438**\*\*\*** | 1.017 |
| Complete secondary | 0.878**\*\*** | 1.378**\*\*\*** | 1.155 | 0.956 | 1.133 | 0.996 | 1.442 | 2.044**\*\*\*** | 0.489**\*\*\*** |
| Higher secondary & above | 0.843**\*\*\*** | 1.371**\*\*\*** | 1.866**\*\*\*** | 1.627 | 0.766 | 1.183 | 1.675**\*\*** | 2.868**\*\*\*** | 0.430**\*\*\*** |
| **Bank account** |  |  |  |  |  |  |  |  |  |
| Yes (**No reference**) | 2.708**\*\*\*** | 2.159**\*\*\*** | 1.823**\*\*\*** | 2.405**\*\*\*** | 1.149 | 3.518**\*\*\*** | 1.829**\*\*\*** | 1.210 | 5.488**\*\*\*** |
| **BPL card** |  |  |  |  |  |  |  |  |  |
| Yes (**No reference**) | 1.550**\*\*\*** | 1.656**\*\*\*** | 1.189**\*\*\*** | 1.15 | 1.831**\*\*\*** | 1.606**\*\*\*** | 2.158**\*\*\*** | 0.966 | 2.764**\*\*\*** |
| **Constant** | 0.053 | 0.077 | 0.016 | 0.004 | 0.019 | 0.027 | 0.014 | 0.051 | 0.069 |
| ***Statistically significant* \*\*\* *p < 0.01,***  **\*\**p < 0.05,* \**p < 0.1*** | | | | | | | | | |
| ***Source:*** Authors' calculation from NFHS-4 raw data. | | | | | | | | | |