|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** | **OR**1 | **95% CI**1 | **p-value** | **OR**1 | **95% CI**1 | **p-value** |
| **Sex** |  |  |  |  |  |  |
| female | — | — |  | — | — |  |
| male | 0.92 | 0.66, 1.29 | 0.6 | 0.84 | 0.57, 1.22 | 0.4 |
| **Age group** |  |  |  |  |  |  |
| >50 | — | — |  | — | — |  |
| 18-30 | 0.87 | 0.58, 1.28 | 0.5 | 0.70 | 0.42, 1.15 | 0.2 |
| 31-50 | 0.81 | 0.55, 1.18 | 0.3 | 0.68 | 0.42, 1.07 | 0.10 |
| **Level Education** |  |  |  |  |  |  |
| none | — | — |  | — | — |  |
| primary | 1.05 | 0.68, 1.60 | 0.8 | 1.05 | 0.65, 1.66 | 0.8 |
| secondary | 1.15 | 0.70, 1.89 | 0.6 | 1.16 | 0.65, 2.04 | 0.6 |
| tertiary | 1.04 | 0.38, 3.02 | >0.9 | 0.90 | 0.25, 3.25 | 0.9 |
| **Religion** |  |  |  |  |  |  |
| Christianity | — | — |  | — | — |  |
| Muslim | 0.76 | 0.54, 1.06 | 0.11 | 1.40 | 0.71, 2.84 | 0.3 |
| Others religion | 0.48 | 0.21, 1.10 | 0.082 | 0.44 | 0.18, 1.05 | 0.063 |
| **Marital status** |  |  |  |  |  |  |
| divorced | — | — |  | — | — |  |
| married | 1.76 | 1.03, 2.99 | 0.037 | 1.57 | 0.88, 2.78 | 0.13 |
| separated | 1.37 | 0.56, 3.40 | 0.5 | 1.28 | 0.51, 3.30 | 0.6 |
| single | 1.23 | 0.61, 2.46 | 0.6 | 1.17 | 0.54, 2.54 | 0.7 |
| widow | 1.21 | 0.58, 2.53 | 0.6 | 0.69 | 0.30, 1.58 | 0.4 |
| widower | 1.09 | 0.37, 3.26 | 0.9 | 0.86 | 0.28, 2.74 | 0.8 |
| **Occupation** |  |  |  |  |  |  |
| farmer | — | — |  | — | — |  |
| fisherman | 0.59 | 0.07, 4.94 | 0.6 | 0.40 | 0.04, 3.72 | 0.4 |
| fish Sellar | 1.17 | 0.11, 25.4 | 0.9 | 0.99 | 0.09, 22.2 | >0.9 |
| housewife | 1.03 | 0.67, 1.60 | 0.9 | 0.95 | 0.59, 1.52 | 0.8 |
| Other business | 0.80 | 0.56, 1.14 | 0.2 | 0.87 | 0.58, 1.29 | 0.5 |
| Other occupation | 0.73 | 0.44, 1.21 | 0.2 | 0.74 | 0.43, 1.28 | 0.3 |
| professional worker | 1.64 | 0.61, 5.18 | 0.3 | 1.70 | 0.53, 6.48 | 0.4 |
| retired | 1.17 | 0.30, 5.63 | 0.8 | 1.16 | 0.28, 5.89 | 0.8 |
| student | 4.11 | 0.72, 77.3 | 0.2 | 4.68 | 0.71, 93.4 | 0.2 |
| **ethnicity** |  |  |  |  |  |  |
| Chewa | — | — |  | — | — |  |
| Lomwe | 0.86 | 0.51, 1.49 | 0.6 | 1.40 | 0.73, 2.75 | 0.3 |
| Ngonde | 0.57 | 0.07, 4.83 | 0.6 | 1.03 | 0.09, 11.9 | >0.9 |
| Ngoni | 0.88 | 0.56, 1.38 | 0.6 | 1.37 | 0.79, 2.42 | 0.3 |
| Nyanja | 0.77 | 0.26, 2.37 | 0.6 | 1.23 | 0.37, 4.32 | 0.7 |
| Other ethnicity | 4.59 | 0.83, 85.7 | 0.2 | 9.50 | 1.54, 185 | 0.042 |
| Sena | 1.15 | 0.11, 24.8 | >0.9 | 1.36 | 0.11, 31.3 | 0.8 |
| Tonga | 2.18 | 0.86, 6.69 | 0.13 | 3.98 | 0.69, 27.8 | 0.14 |
| Tumbuka | 2.58 | 0.65, 17.1 | 0.2 | 4.99 | 0.76, 51.0 | 0.12 |
| Yao | 0.68 | 0.47, 0.97 | 0.035 | 0.77 | 0.35, 1.64 | 0.5 |
| **District** |  |  |  |  |  |  |
| Balaka | — | — |  | — | — |  |
| Blantyre | 1.43 | 0.67, 3.10 | 0.4 | 1.29 | 0.58, 2.91 | 0.5 |
| Dedza | 1.83 | 0.84, 4.04 | 0.13 | 1.69 | 0.72, 4.02 | 0.2 |
| Lilongwe | 2.61 | 1.28, 5.43 | 0.009 | 3.17 | 1.36, 7.52 | 0.008 |
| Mangochi | 1.88 | 0.88, 4.07 | 0.11 | 2.01 | 0.90, 4.56 | 0.091 |
| Nkhatabay | 3.80 | 1.41, 10.9 | 0.010 | 1.24 | 0.20, 7.08 | 0.8 |
| Salima | 2.09 | 0.90, 4.98 | 0.089 | 2.27 | 0.91, 5.80 | 0.081 |
| **Residence** |  |  |  |  |  |  |
| In land | — | — |  | — | — |  |
| Lakeshores | 0.92 | 0.68, 1.25 | 0.6 |  |  |  |