| **Characteristic** | **OR**1 | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| sex |  |  |  |
| female | — | — |  |
| male | 0.92 | 0.66, 1.29 | 0.6 |
| age\_group |  |  |  |
| >50 | — | — |  |
| 18-30 | 0.87 | 0.58, 1.28 | 0.5 |
| 31-50 | 0.81 | 0.55, 1.18 | 0.3 |
| level\_education |  |  |  |
| none | — | — |  |
| primary | 1.05 | 0.68, 1.60 | 0.8 |
| secondary | 1.15 | 0.70, 1.89 | 0.6 |
| tertiary | 1.04 | 0.38, 3.02 | >0.9 |
| religion |  |  |  |
| Christianity | — | — |  |
| muslim | 0.76 | 0.54, 1.06 | 0.11 |
| others\_regligion | 0.48 | 0.21, 1.10 | 0.082 |
| marital\_status |  |  |  |
| divorced | — | — |  |
| married | 1.76 | 1.03, 2.99 | 0.037 |
| separated | 1.37 | 0.56, 3.40 | 0.5 |
| single | 1.23 | 0.61, 2.46 | 0.6 |
| widow | 1.21 | 0.58, 2.53 | 0.6 |
| widower | 1.09 | 0.37, 3.26 | 0.9 |
| occupation |  |  |  |
| farmer | — | — |  |
| fisherman | 0.59 | 0.07, 4.94 | 0.6 |
| fishsellar | 1.17 | 0.11, 25.4 | 0.9 |
| housewife | 1.03 | 0.67, 1.60 | 0.9 |
| other\_business | 0.80 | 0.56, 1.14 | 0.2 |
| other\_occupation | 0.73 | 0.44, 1.21 | 0.2 |
| professionalworker | 1.64 | 0.61, 5.18 | 0.3 |
| retired | 1.17 | 0.30, 5.63 | 0.8 |
| student | 4.11 | 0.72, 77.3 | 0.2 |
| ethnicity |  |  |  |
| chewa | — | — |  |
| lomwe | 0.86 | 0.51, 1.49 | 0.6 |
| ngonde | 0.57 | 0.07, 4.83 | 0.6 |
| ngoni | 0.88 | 0.56, 1.38 | 0.6 |
| nyanja | 0.77 | 0.26, 2.37 | 0.6 |
| other\_enthni | 4.59 | 0.83, 85.7 | 0.2 |
| sena | 1.15 | 0.11, 24.8 | >0.9 |
| tonga | 2.18 | 0.86, 6.69 | 0.13 |
| tumbuka | 2.58 | 0.65, 17.1 | 0.2 |
| yao | 0.68 | 0.47, 0.97 | 0.035 |
| district |  |  |  |
| Balaka | — | — |  |
| Blantyre | 1.43 | 0.67, 3.10 | 0.4 |
| Dedza | 1.83 | 0.84, 4.04 | 0.13 |
| Lilongwe | 2.61 | 1.28, 5.43 | 0.009 |
| Mangochi | 1.88 | 0.88, 4.07 | 0.11 |
| Nkhatabay | 3.80 | 1.41, 10.9 | 0.010 |
| Salima | 2.09 | 0.90, 4.98 | 0.089 |
| residence |  |  |  |
| in\_land | — | — |  |
| lake\_share | 0.92 | 0.68, 1.25 | 0.6 |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |