Table 5: Multiple linear regression to assess factors influencing knowledge, attitude, and practice scores

|  | **Knowledge** | | | **Attitude** | | | **Practice** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** | **Beta** | **95% CI** | **p-value** | **Beta** | **95% CI** | **p-value** | **Beta** | **95% CI** | **p-value** |
| Gender |  |  |  |  |  |  |  |  |  |
| Female | — | — |  | — | — |  | — | — |  |
| Male | 0.71 | -0.27, 1.7 | 0.2 | 0.17 | -0.31, 0.64 | 0.5 | -0.01 | -0.32, 0.31 | >0.9 |
| Age |  |  |  |  |  |  |  |  |  |
| 19-27 | — | — |  | — | — |  | — | — |  |
| 28-36 | 1.1 | -0.26, 2.5 | 0.11 | -0.16 | -0.82, 0.51 | 0.6 | -0.11 | -0.55, 0.33 | 0.6 |
| 37-45 | 2.9 | -2.2, 8.0 | 0.3 | 0.37 | -2.1, 2.8 | 0.8 | 0.05 | -1.6, 1.7 | >0.9 |
| Academic\_status |  |  |  |  |  |  |  |  |  |
| Postgraduate | — | — |  | — | — |  | — | — |  |
| Undergraduate | -0.63 | -1.9, 0.61 | 0.3 | -0.20 | -0.80, 0.40 | 0.5 | -0.35 | -0.74, 0.05 | 0.086 |
| Vaccination\_status |  |  |  |  |  |  |  |  |  |
| No | — | — |  | — | — |  | — | — |  |
| Yes | 0.02 | -1.0, 1.0 | >0.9 | 0.82 | 0.32, 1.3 | **0.001** | 0.05 | -0.28, 0.38 | 0.8 |
| Median\_score\_grade |  |  |  |  |  |  |  |  |  |
| Adequate | — | — |  | — | — |  | — | — |  |
| Inadequate | -13 | -14, -12 | **<0.001** | -2.7 | -3.2, -2.2 | **<0.001** | -0.72 | -1.0, -0.41 | **<0.001** |
| Abbreviation: CI = Confidence Interval | | | | | | | | | |