**Table 5:** Frequency of occurrence of *Streptococcus pneumoniae and Mycobacterium tuberculosis* co-infection among the study participants.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristics** | **Number Examined (%)**  | **Number Positive (%)**  | **Number Negative (%)**  | *P-value* |
| Gender |
| Male | 88 (33.8)  | 1 (0.38)  | 87 (33.46)  | 0.001\*a |
| Female | 172 (66.2)  | 6 (2.3) a | 166 (63.8)  |  |
| Total | 260 (100.0)  | 7 (2.7)  | 253 (97.3)  |  |
| Age Range |
| 18-37 years | 104 (40.0)  | 1 (0.38)  | 103 (39.6)  | 0.077 |
| 38-57 years | 94 (36.2)  | 4 (1.54)  | 90 (34.7)  |  |
| 58-77 years | 36 (13.8)  | 2 (0.77)  | 34 (13.03)  |  |
| 78-97 years | 26 (10.0)  | 0 (0)  | 26 (10.0)  |  |
| Total  | 260 (100.0)  | 7 (2.7)  | 253 (97.3)  |  |
| Marital status |
| Single | 139 (53.5)  | 5 (1.92) b | 134 (51.58)  | 0.038\*b |
| Married | 20 (7.7)  | 0 (0)  | 20 (7.7)  |  |
| Divorced | 40 (15.4)  | 0 (0)  | 40 (15.4)  |  |
| Separated | 57 (21.9)  | 2 (0.77)  | 55 (21.13)  |  |
| Widow | 4 (1.5)  | 0 (0)  | 4 (1.5)  |  |
| Total  | 260 (100.0)  | 7 (2.7)  | 253 (97.3)  |  |
| Religion  |
| Christianity  | 139 (53. 5)  | 2 (0.77)  | 137 (52.73)  | 0.001\*c |
| Islam  | 105 (40.4)  | 5 (1.92) c | 100 (38.48)  |  |
| Traditional  | 16 (6.2)  | 0 (0)  | 16 (6.2)  |  |
| Total  | 260 (100.0)  | 7 (2.7)  | 253 (97.3)  |  |
| Tribe  |
| Yoruba  | 154 (59.2)  | 7 (2.7)  | 147 (56.5)  | 0.060 |
| Igbo | 21 (8.1)  | 0 | 21 (8.1)  |  |
| Hausa  | 33 (12.7)  | 0 | 33 (12.7)  |  |
| Others | 52 (20.0)  | 0 | 52 (20.0)  |  |
| Total  | 260 (100.0)  | 7 (2.7)  | 253 (97.3)  |  |
| Educational Levels |
| None | 121 (46.5)  | 4 (1.54) d | 117 (44.96)  | 0.014\*d |
| Primary | 26 (10.0)  | 0 (0)  | 26 (10.0)  |  |
| Secondary | 46 (17.7)  | 3 (1.2)  | 43 (16.6)  |  |
| Tertiary | 66 (25.4)  | 0 (0)  | 66 (25.4)  |  |
| Total | 260 (100.0)  | 7 (2.7)  | 253 (97.3)  |  |
| Occupation |
| Self employed | 142 (54.6)  | 5 (1.9) e | 137 (52.7)  | 0.024\*e |
| Trader | 20 (7.7)  | 0 (0)  | 20 (7.7)  |  |
| Student | 34 (13.1)  | 0 (0)  | 34 (13.1)  |  |
| Civil Servant | 59 (22.7)  | 2 (0.8)  | 57 (21.9)  |  |
| Unemployed | 5 (1.9)  | 0 (0)  | 5 (1.9)  |  |
| Total | 260 (100.0)  | 7 (2.7)  | 253 (97.3)  |  |

*\*P-value* <0.05 is considered statistically significant.