|  | **Table 1** | | | **Table 2** | | | **Table 3** | | | **Table 4** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** | **0**, N = 14*1* | **1**, N = 104*1* | **Antibiotics** | **0**, N = 74*1* | **1**, N = 44*1* | **Herbals** | **0**, N = 37*1* | **1**, N = 81*1* | **Vaccine** | **0**, N = 117*1* | **1**, N = 1*1* | **None** |
| gender |  |  | 0.060*2,3* |  |  | **0.045\**2,3*** |  |  | 0.805*2,3* |  |  | 1.000*2* |
| Male | 11 (79%) | 54 (52%) |  | 46 (62%) | 19 (43%) |  | 21 (57%) | 44 (54%) |  | 64 (55%) | 1 (100%) |  |
| Female | 3 (21%) | 50 (48%) |  | 28 (38%) | 25 (57%) |  | 16 (43%) | 37 (46%) |  | 53 (45%) | 0 (0%) |  |
| age |  |  | 0.673*2,3* |  |  | 0.136*2,3* |  |  | 0.228*2,3* |  |  | 0.254*2* |
| 36-49 | 5 (36%) | 45 (43%) |  | 36 (49%) | 14 (32%) |  | 19 (51%) | 31 (38%) |  | 50 (43%) | 0 (0%) |  |
| >50 | 4 (29%) | 34 (33%) |  | 23 (31%) | 15 (34%) |  | 8 (22%) | 30 (37%) |  | 38 (32%) | 0 (0%) |  |
| 21-35 | 5 (36%) | 25 (24%) |  | 15 (20%) | 15 (34%) |  | 10 (27%) | 20 (25%) |  | 29 (25%) | 1 (100%) |  |
| education |  |  | 0.130*2* |  |  | **0.037\**2*** |  |  | **0.005\*\**2*** |  |  | 1.000*2* |
| Tertiary education | 4 (29%) | 43 (41%) |  | 34 (46%) | 13 (30%) |  | 15 (41%) | 32 (40%) |  | 46 (39%) | 1 (100%) |  |
| Primary school | 4 (29%) | 13 (13%) |  | 13 (18%) | 4 (9.1%) |  | 10 (27%) | 7 (8.6%) |  | 17 (15%) | 0 (0%) |  |
| Secondary school | 4 (29%) | 43 (41%) |  | 25 (34%) | 22 (50%) |  | 8 (22%) | 39 (48%) |  | 47 (40%) | 0 (0%) |  |
| No formal education | 2 (14%) | 5 (4.8%) |  | 2 (2.7%) | 5 (11%) |  | 4 (11%) | 3 (3.7%) |  | 7 (6.0%) | 0 (0%) |  |
| farm\_type |  |  | 0.251*2* |  |  | 0.060*2* |  |  | **0.000\*\*\**2*** |  |  | 0.110*2* |
| Pig Farm | 9 (64%) | 42 (40%) |  | 38 (51%) | 13 (30%) |  | 32 (86%) | 19 (23%) |  | 51 (44%) | 0 (0%) |  |
| Poultry farm | 4 (29%) | 50 (48%) |  | 28 (38%) | 26 (59%) |  | 3 (8.1%) | 51 (63%) |  | 54 (46%) | 0 (0%) |  |
| Both | 1 (7.1%) | 12 (12%) |  | 8 (11%) | 5 (11%) |  | 2 (5.4%) | 11 (14%) |  | 12 (10%) | 1 (100%) |  |
| years\_farming\_cat |  |  | 1.000*2* |  |  | **0.043\**2*** |  |  | 0.314*2* |  |  | 1.000*2* |
| 1-5 | 12 (86%) | 83 (80%) |  | 64 (86%) | 31 (70%) |  | 33 (89%) | 62 (77%) |  | 94 (80%) | 1 (100%) |  |
| 11-15 | 0 (0%) | 5 (4.8%) |  | 1 (1.4%) | 4 (9.1%) |  | 0 (0%) | 5 (6.2%) |  | 5 (4.3%) | 0 (0%) |  |
| 16+ | 0 (0%) | 1 (1.0%) |  | 0 (0%) | 1 (2.3%) |  | 0 (0%) | 1 (1.2%) |  | 1 (0.9%) | 0 (0%) |  |
| 6-10 | 2 (14%) | 15 (14%) |  | 9 (12%) | 8 (18%) |  | 4 (11%) | 13 (16%) |  | 17 (15%) | 0 (0%) |  |
| years\_farming | 4.36±2.65 | 3.73±3.20 | 0.185*4* | 3.30±2.29 | 4.67±4.10 | 0.318*4* | 3.00±2.04 | 4.18±3.48 | 0.157*4* | 3.8±3.1 | 2.0±NA | 0.578*4* |
| *1*n (%); Mean±SD | | | | | | | | | | | | |
| *2*Fisher's exact test | | | | | | | | | | | | |
| *3*Pearson's Chi-squared test | | | | | | | | | | | | |
| *4*Wilcoxon rank sum test | | | | | | | | | | | | |