Table 2 Toxocara -seropositivity in Patients with Asthma and healthy people (control group) according to sociodemographic characteristics by the Pearson’s chi-square test.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| variable | Children with asthma (n=200) | | Children without asthma(n=208) | | P\_value | OR crude |
|  | Seropositive for toxocara | Seronegative for toxocara | Seropositive for toxocara | Seronegative for toxocara |  |  |
| Toxocara (IgG) | 16 (8%) | 184 92%) | 12 (5.89%) | 196 (94.2%) | 0.373 | 1.420 (.654-3.083) |
| Sex |  |  |  |  |  |  |
| Male | 11 (8.6%) | 117 (91.4%) | 7 (5.7%) | 115 (94.3%) | 0.383 | 1.545 (.579-4.123) |
| female | 5 (3.2%) | 67 (42.4%) | 5 (3.2%) | 81 (51.3%) | 0.771 | 1.209 (.336-4.353) |
| Age |  |  |  |  |  |  |
| 1-7 | 7 (8.2%) | 78 (91.8%) | 5 (5.3%) | 90 (94.7%) | .425 | 1.615 (.493-5.294) |
| 8 -15 | 9 (7.8%) | 106 (92.2%) | 7 (6.2%) | 106 (93.8%) | .630 | 1.286 (.462-3.579) |
| Residence |  |  |  |  |  |  |
| Urban | 13 (8.2%) | 146 (91.8%) | 8 (5.1%) | 148 (94.9%) | .278 | 1.647 (.663-4.092) |
| Rural | 3 (7.3%) | 38 (92.7%) | 4 (7.7%) | 48 (92.3%) | .946 | .947 (.200-4.492) |
| Father occupation |  |  |  |  |  |  |
| Self-employment | 6 (5.2%) | 110 (94.8%) | 9 (8.1%) | 102 ( 91.9%) | .373 | .618 (.213-1.798) |
| farmer | 9 (15.0%) | 51 (85.0%) | 2 (3.0%) | 64 (97.0%) | .017\*\* | 5.647 (1.168-27.299) |
| Student | 1 (4.2%) | 23 (95.8%) | 1 (3.2%) | 30 (96.8%) | .853 | 1.304(.077-21.982) |
| Raw vegetables |  |  |  |  |  |  |
| Yes | 8 (18.6%) | 35 (81.4%) | 1 (5.0%) | 19 (95.0%) | .151 | 4.343 (.505-37.379) |
| No | 8 (5.1%) | 149 (94.9%) | 11 (5.9%) | 177 (94.1%) | .759 | .864 (.339-2.204) |
| Dog contact |  |  |  |  |  |  |
| Yes | 2 (14.3%) | 12 (85.7%) | 1 (4.8%) | 20 (95.2%) | .218 | 4.222 (.359-49.673) |
| no | 14 (7.5%) | 172 (92.5%) | 11 (5.9%) | 176 (94.1%) | .646 | 1.211 (.534-2.748) |
| Cat contact |  |  |  |  |  |  |
| Yes | 1 (10.0%) | 9 (90.0%) | 1 (16.7%) | 5 (83.3%) | .696 | .556 (.028-10.933) |
| no | 15 (7.9%) | 175 (92.1%) | 11 (5.4%) | 191 (94.6%) | .330 | 1.488 (.666-3.328) |
| Soil contact |  |  |  |  |  |  |
| Yes | 15 (9.1%) | 150 (90.9%) | 4 (3.0%) | 129 (97.0%) | .033\*\* | 3.225 (1.044-9.961) |
| No | 1 (2.9%) | 34 (97.1%) | 8 (10.7%) | 67 (89.3%) | .164 | .246 (.030-2.051) |