|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable | Children with asthma | | Children without asthma | | Adjusted OR(9I) | P-Value |
|  | N | % | N | % |  |  |
| Sex |  |  |  |  |  | 0.268 |
| Male | 128 | 64.0% | 122 | 58.7% | 1.253 ( .841- 1.868) |
| female | 72 | 36.0% | 86 | 41.3% | 1 |
| Age |  |  |  |  |  | 0.519 |
| 1-7 of years | 85 | 42.5% | 95 | 45.7% | .879 (.595-1.300) |
| 8-15 of years | 115 | 57.5% | 113 | 54.3% | 1 |
| Residence |  |  |  |  |  | 0.279 |
| Urban | 159 | 79.5% | 156 | 75.0% | 1.293 ( .812- 2.058) |
| Rural | 41 | 20.5% | 52 | 25.0% | 1 |
| Father occupation |  |  |  |  |  | 0.569 |
| Ssife employment | 116 | 58.0% | 111 | 53.4% | .741 |
| farmer | 60 | 30.0% | 66 | 31.7% | .852 |
| Student | 24 | 12.0% | 31 | 14.9% | 1 |
| Eating unwashed(raw) vegetables |  |  |  |  |  | 0.001\*\* |
| Yes | 43 | 21.5% | 20 | 9.6% | 2.575( 1.454- 4.558) |
| No | 157 | 78.5% | 188 | 90.4% | 1 |
| Dog contact |  |  |  |  |  | .012 |
| Yes | 20 | 10.0% | 39 | 18.8% | .481 ( .270- .859) |
| no | 180 | 90.0% | 169 | 81.3% | 1 |
| Cat contact |  |  |  |  |  | .271 |
| Yes | 10 | 5.0% | 6 | 2.9% | 1.772 ( .632- 4.970) |
| no | 190 | 95.0% | 202 | 97.1% | 1 |
| Soil contact |  |  |  |  |  | 0.001\*\* |
| Yes | 165 | 82.5% | 133 | 63.9% | 2.658 ( 1.675- 4.218) |
| No | 35 | 17.5% | 75 | 36.1% | 1 |
| Family atopic history |  |  |  |  |  | 0.001\*\* |
| Yes | 56 | 28.0% | 21 | 10.1% | 3.463 ( 2.005- 5.982) |
| No | 144 | 72.0% | 187 | 89.9% | 1 |
| Toxocara (IgG) |  |  |  |  |  | 0.373 |
| Positive | 16 | 8.0% | 12 | 5.8% | 1.420 ( .654- 3.083) |
| Negative | 184 | 92.0% | 196 | 94.2% | 1 |

Table 3: Demographic characteristics of participants and multivariate analyses of asthma risk factors among case-patients and controls.