Table 2: Factors associated with STH infection among school children, Kerewo Town, Ethiopia, Aug 2018.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables**  | **STH infection** | **COR (95% CI)**   | **AOR (95% CI)**   |
| **Yes** | **No** |
| **No (%)** | **No (%)** |
| **Child age category** |  |  |   |   |
| 5 to 10 | 75 (44.9) | 92 (55.1) | 1.88 (1.17-3.04)\* | 2.43 (1.42-4.16)\*\* |
| 11 to 14 | 41 (30.1) | 95 (69.9) | 1 | 1 |
| **Educational level of child care givers** |   |   |   |   |
| No education  | 9 (47.4) | 10 (52.6) | 2.10 (0.68-6.47) | 0.94 (0.25-3.54) |
| Primary education completed | 67 (43.8) | 86 (56.2) | 1.81 (0.86-3.84) | 1.00 (0.42-2.40) |
| Secondary education completed | 28 (30.8) | 63 (69.2) | 1.03 (0.46-2.33) | 0.75 (0.30-1.85) |
| College/university | 12 (30.0) | 28 (70.0) | 1 | 1 |
| **Annual household income in ETB** |   |   |   |   |
| < 14400 | 39 (39.8) | 59 (60.2) | 1.64 (0.90-2.96) | 1.48 (0.74-2.97) |
| 14400 to 28099 | 48 (46.2) | 56 (53.8) | 2.12 (1.19-3.79) | 1.75 (0.90-3.38) |
| ≥ 28100 | 29 (28.7) | 72 (71.3) | 1 | 1 |
| **Family size**  |   |   |   |   |
| ≤ 3 | 33 (45.2) | 40 (54.8) | 1 | 1 |
| 4 to 6 | 63 (32.5) | 131 (67.5) | 0.58 (0.33-1.01) | 0.70 (0.37-1.31) |
| ≥ 7 | 20 (55.6) | 16 (44.4) | 1.51 (0.67-3.38) | 1.69 (0.69-4.16) |
| **Availability of private latrine** |   |   |   |   |
| Yes | 99 (35.9) | 177 (64.1) | 1 | 1 |
| No | 17 (63.0) | 10 (37.0) | 3.09 (1.34-6.89)\* | 4.12 (1.64-3.37)\*\* |
| **Child shoes wearing habit** |   |   |   |   |
| Always  | 55 (29.9) | 129 (70.1) | 1 | 1 |
| Sometimes/not at all | 61 (51.3) | 58 (48.7) | 2.46 (1.52-3.98)\* | 1.80 (1.01-3.23)\*\* |
| **Short & clean finger**  |   |   |   |   |
| Yes | 70 (34.3) | 134 (65.7) | 1 | 1 |
| No | 46 (46.5) | 53 (53.5) | 1.66 (1.01-2.71) | 1.17 (0.65-2.11) |
| **Hear about STH** |   |   |   |   |
| Yes | 89 (76.3) | 156 (63.7) | 1 | 1 |
| No | 27 (46.6) | 31 (53.4) | 1.52 (0.85-2.72) | 0.71 (0.35-1.45) |
| **Know causative agents of STH infection**  |   |   |   |   |
| Yes  | 66 (30.8) | 148 (69.2) | 1 | 1 |
| No | 50 (56.2) | 39 (43.8) | 2.87 (1.72-4.78)\* | 2.60 (1.37-4.93)\*\* |