**Supplementary** **Table 1**. Socio-demographic characteristics associated to *Schistosoma* infection, as determined by UCP-LF CAA, among 576 school children in Mwanga

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Frequency (%)** | **No CAA Positive (%)** | ***X2*** | **P-Value**  |
| **Total (N=576)** |  | **117 (20.3)** |  |  |
| **Age (years)**  |  |  |  |  |
|  5-10 | 351(60.9) | 86(24.5) | 9.7 | 0.002 |
|  11-16 | 225(39.1) | 31(13.8) |  |  |
| **Sex** |  |  |  |  |
|  Male | 284(49.0) | 58(20.4) | 1.0 | 0.948 |
|  Female | 292(50.7) | 59(20.2) |  |  |
| **School enrolled** |  |  |  |  |
|  Kagongo | 279(48.4) | 35(12.5) | 4 | <0.001 |
|  Kileo | 59(10.2) | 14(23.7) |  |  |
|  Kivulini | 57(9.9) | 19(33.3) |  |  |
|  Mkombozi | 106(18.4) | 31(29.2) |  |  |
|  Mnoa | 75(13.0) | 18(24.0) |  |  |
| **Class**  |  |  |  |  |
|  1-3 | 290(50.3) | 76(26.2) | 2 | 0.002 |
|  4-5 | 166(28.8) | 22(13.3) |  |  |
|  6-7 | 120(20.8) | 19(15.8) |  |  |
| **Mother’s occupation** |  |  |  |  |
|  Farming  | 258(44.8) | 62(24.0) | 4 | 0.067 |
|  Fishing  | 4(0.7) | 0(0.0) |  |  |
|  House wife | 88(15.3) | 19(21.6) |  |  |
|  Small business | 197(34.2) | 28(14.2) |  |  |
|  Employed  | 29(5.0) | 8(27.6) |  |  |
| **Father’s occupation (n=575)** |  |  |  |  |
|  Farming | 269(46.7) | 69(25.7) | 3 | 0.006 |
|  Fishing | 135(23.4) | 17(12.6) |  |  |
|  Small business | 119(20.7) | 18(15.1) |  |  |
|  Employed | 52(9.0) | 13(25.0) |  |  |

**Supplementary Table 2.** Factors associated with *Schistosoma* infection among school children in Mwanga.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **N** | **COR** | **95% CI** | **P-Value**  | **AOR** | **95% CI** | **P*-*Value**  |
| **Age**  |  |  |  |  |  |  |  |
|  5 – 10 | 351 | 1 |  |  | 1 |  |  |
|  11 – 15  | 225 | 0.5 | 0.31-077 | 0.002 | 0.7 | 0.33-1.6 | 0.44 |
| **Class**  |  |  |  |  |  |  |  |
|  1– 3 | 290 | 1 |  |  | 1 |  |  |
|  4 – 5  | 166 | 0.4 | 0.26-0.72 | 0.001 | 0.4 | 0.19-0.75 | 0.006 |
|  6 – 7  | 120 | 0.5 | 0.30-0.923 | 0.025 | 0.3 | 0.13-0.90 | 0.030 |
| **Farming Involvement** |  |  |  |  |  |  |  |
|  No | 330 | 1 |  |  | 1 |  |  |
|  Yes  | 246 | 5.2 | 3.3-8.2 | <0.001 | 5.6 | 3.3-9.4 | <0.001 |
| **Fishing Involvement** |  |  |  |  |  |  |  |
|  No | 431 | 1 |  |  | 1 |  |  |
|  Yes  | 145 | 1.7 | 1.1-2.6 |  0.024 | 0.8 | 0.50-1.42 | 0.525 |
| **Father occupation** |  |  |  |  |  |  |  |
|  Farming  | 269 | 1 |  |  | 1 |  |  |
|  Fishing  | 135 | 0.42 | 0.23-0.74 | 0.003 | 1.1 | 0.52-2.47 | 0.755 |
|  Small business  | 119 | 0.52 | 0.29-0.92 | 0.023 | 0.9 | 0.32-2.24 | 0.745 |
|  Employed  | 52 | 0.96 | 0.49-1.92 | 0.992 | 0.5 | 0.20-1.22 | 0.130 |
| **Swimming**  |  |  |  |  |  |  |  |
|  No | 147 | 1 |  |  | 1 |  |  |
|  Yes  | 429 | 2.0 | 1.2-3.4 | 0.011 | 3.6 | 1.85-6.95 | <0.001 |
| **School** |  |  |  |  |  |  |  |
|  Kagongo | 279 | 1 |  |  | 1 |  |  |
|  Kileo | 59 | 2.2 | 1.1-4.4 | 0.029 | 2.2 | 0.89-5.26 | 0.087 |
|  Kivulini | 57 | 3.5 | 1.8-6.7 | <0.001 | 2.6 | 1.13-5.85 | 0.025 |
|  Mkombozi  | 106 | 2.9 | 1.7-5.0 | <0.001 | 2.4 | 1.21-4.94 | 0.013 |
|  Mnoa  | 75 | 2.2 | 1.2-4.2 | 0.015 | 2.7 | 1.17-6.43 | 0.021 |
| COR: Crude odds ratioAOR: Adjusted odds ratio |