

S2 Table

Department	School	N	Schistosomiasis				Soil-Transmitted-Helminthiasis				SCH-STH
			<i>S. haematobium</i>	<i>S. mansoni</i>	<i>S. guineensis</i>	SCH	<i>A. lumbricoides</i>	<i>T. trichiura</i>	Hookworm	STH	
Woleu (WLE)	1	50	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	8 (16.0)	22 (44.0)	3 (6.0)	24 (48.0)	24 (48.0)
	2	50	1 (2.0)	0 (0.0)	0 (0.0)	1 (2.0)	12 (24.0) *3-4	20 (40.0)	1 (2.0) *5	25 (50.0) *3	26 (52.0) *3
	3	49	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	3 (6.1) *2	14 (28.6) *5	0 (0.0) *5	14 (28.6) *2-5	14 (28.6) *2-5
	4	50	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	3 (6.0) *2	16 (32.0) *5	4 (8.0)	17 (34.0) *5	17 (34.0) *5
	5	49	1 (2.0)	0 (0.0)	0 (0.0)	1 (2.0)	6 (12.2)	29 (59.2) *3-4	7 (14.3) *2-3	30 (61.2) *3-4	30 (61.2) *3-4
	<b>Total</b>	<b>248</b>	<b>2 (0.8)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>2 (0.8)</b>	<b>32 (12.9)</b> <b>*NTM-HNT-HKO</b>	<b>101 (40.7) *NTM-HNT-HKO</b>	<b>15 (6.0)</b> <b>*NTM-HNT-HKO-OKO</b>	<b>110 (44.4)</b> <b>*NTM-HNT-HKO</b>	<b>111 (44.8)</b> <b>*NTM-HNT-HKO</b>
	F	124	1 (0.8)	0 (0.0)	0 (0.0)	1 (0.8)	12 (9.7)	49 (39.5)	3 (2.4) *	51 (41.1)	51 (41.1)
	M	124	1 (0.8)	0 (0.0)	0 (0.0)	1 (0.8)	20 (16.1)	52 (41.9)	12 (9.7)	59 (47.6)	60 (48.4)
Ntem (NTM)	1	25	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	16 (64.0) *4-5	19 (76.0) *4-5	0 (0.0)	20 (80.0) *4-5	20 (80.0) *4-5
	2	17	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	7 (41.2) *4	15 (88.2) *4-5	0 (0.0)	15 (88.2) *4-5	15 (88.2) *4-5
	3	14	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	5 (35.7)	11 (78.6) *4	1 (7.1)	13 (92.9) *4-5	13 (92.9) *4-5
	4	124	3 (2.4)	1 (0.8)	0 (0.0)	3 (2.4)	22 (17.7) *1-2	54 (43.5) *1-2-3	1 (0.8)	61 (49.2)	62 (50.0) *1-2-3
	5	69	3 (4.3)	0 (0.0)	0 (0.0)	3 (4.3)	20 (29.0) *1	34 (49.3) *1-2	1 (1.4)	36 (52.2)	38 (55.1) *1-2-3

	<b>Total</b>	<b>249</b>	<b>6 (2.4)</b>	<b>1 (0.4)</b>	<b>0 (0.0)</b>	<b>6 (2.4)</b>	<b>70 (28.1)</b> <b>* HNT-HKO-OKO</b>	<b>133 (53.4) *HKO</b>	<b>3 (1.2)</b>	<b>145 (58.2) *</b> <b>HKO-OKO</b>	<b>148 (59.4) *</b> <b>HKO-OKO</b>
	F	125	4 (3.2)	0 (0.0)	0 (0.0)	4 (3.2)	33 (26.4)	63 (50.4)	1 (0.8)	65 (52.0)	69(55.2)
	M	124	2 (1.6)	1 (0.8)	0 (0.0)	2 (1.6)	37 (29.8)	70 (56.5)	2 (1.6)	80 (64.5)	79 (63.7)
Haut-Ntem (HNT)	1	45	1 (2.2)	0 (0.0)	0 (0.0)	1 (2.2)	23 (51.1) *3	30 (66.7) *3	0 (0.0)	32 (71.1) *3	32 (71.1) *3
	2	74	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	33 (44.6) *3	45 (60.8) *3	2 (2.7)	55 (74.3) *3	55 (74.3) *3
	3	68	1 (1.5)	0 (0.0)	0 (0.0)	1 (1.5)	18 (26.5) *1-2	29 (42.6) *1-2-4	0 (0.0)	30 (44.2) *4	30 (44.2) *4
	4	43	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	18 (41.9)	28 (65.1) *3	0 (0.0)	33 (76.7)	33 (76.7)
	5	30	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	12 (40.0)	19 (63.3)	0 (0.0)	20 (66.7)	20 (66.7)
	<b>Total</b>	<b>260</b>	<b>2 (0.8)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>2 (0.8)</b>	<b>104 (40.0) *OKO</b>	<b>151 (58.1) *HKO-OKO</b>	<b>2 (0.8)</b>	<b>170 (65.4)</b> <b>*OKO</b>	<b>170 (65.4)</b> <b>*OKO</b>
	F	137	1 (0.7)	0 (0.0)	0 (0.0)	1 (0.7)	46 (33.6) *	74 (54.0)	1 (0.7)	82 (59.9)	82 (59.9)
	M	123	1 (0.8)	0 (0.0)	0 (0.0)	1 (0.7)	58 (47.2)	77 (62.6)	1 (0.8)	88 (71.5)	88 (71.5)
Haut-Komo (HKO)	1	99	2 (2.0)	0 (0.0)	1 (1.0)	3 (3.0)	45 (45.5) *2-5	62 (62.6) *4	0 (0.0)	67 (67.7) *4-5	68 (68.7) *4-5
	2	60	2 (3.3)	0 (0.0)	0 (0.0)	2 (3.3)	16 (26.7) *1-4-5	30 (50.0) *3-4-5	0 (0.0)	36 (60.0) *3-4-5	36 (60.0) *3-4-5
	3	16	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	8 (50.0)	14 (87.5) *2	0 (0.0)	14 (87.5)	14 (87.5)
	4	26	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	15 (57.7) *2	24 (92.3) *1-2	0 (0.0)	24 (92.3)	24 (92.3)
	5	30	1 (3.3)	0 (0.0)	0 (0.0)	1 (3.3)	22 (73.3) *1-2	26 (86.7) *1-2	0 (0.0)	28 (93.3)	28 (93.3)
	<b>Total</b>	<b>231</b>	<b>5 (2.2)</b>	<b>0 (0.0)</b>	<b>1 (0.4)</b>	<b>6 (2.6)</b>	<b>106 (45.9) *WLE-NTM-OKO</b>	<b>156 (67.5) *WLE-NTM-HNT-OKO</b>	<b>0 (0.0)</b> <b>*WLE</b>	<b>169 (73.2)</b> <b>*OKO</b>	<b>170 (73.6)</b> <b>* OKO</b>

	F	122	1 (0.8)	0 (0.0)	1 (0.8)	2 (1.6)	60 (49.2)	88 (72.1)	0 (0.0)	96 (78.7)	96 (78.7)
	M	109	4 (3.7)	0 (0.0)	0 (0.0)	4 (3.7)	46 (42.2)	68 (62.4)	0 (0.0)	73 (67.0)	74 (67.9)
Okano (OKO)	1	104	1 (1.0)	0 (0.0)	0 (0.0)	1 (1.0)	16 (15.4) *4	53 (51.0)	0 (0.0)	59 (56.7) *3-4	59 (56.7) *3-4
	2	52	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	12 (23.1) *4	22 (42.3) *4	0 (0.0)	24 (46.2) *4	24 (46.2) *4
	3	50	0 (0.0)	0 (0.0)	0 (0.0)	0 (0)	6 (12.0) *4	17 (34.0) *4	0 (0.0)	18 (36.0) *4	18 (36.0) *1-4
	4	16	1 (6.3)	0 (0.0)	0 (0.0)	1 (6.3)	10 (62.5) *1-2-3-5	12 (75.0) *2-3-5	0 (0.0)	14 (87.5) *5	14 (87.5) *5
	5	26	1 (3.9)	0 (0.0)	0 (0.0)	1 (3.9)	4 (15.4) *4	8 (30.8) *4	0 (0.0)	9 (34.6)	9 (34.6)
	<b>Total</b>	<b>248</b>	<b>3 (1.2)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>3 (1.2)</b>	<b>48 (19.4)</b>	<b>112 (45.2)</b>	<b>0 (0.0)</b>	<b>124 (50.0)</b>	<b>124 (50.0)</b>
	F	124	1 (0.8)	0 (0.0)	0 (0.0)	1 (0.8)	18 (14.5)	55 (44.4)	0 (0.0)	59 (47.6)	59 (47.6)
	M	124	2 (1.6)	0 (0.0)	0 (0.0)	2 (1.6)	30 (24.2)	57 (46.0)	0 (0.0)	65 (52.4)	65 (52.4)
Ivindo (IVD)	01	75	1 (1.3)	0 (0.0)	0 (0.0)	1 (1.3)	9 (12.0) *3-4	14 (18.7) *3-4	0 (0.0)	17 (22.7) *3-4	17 (22.7) *3-4
	02	70	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	18 (25.7) *3-4	16 (22.9) *3-4	1 (1.4)	26 (37.1) *3-4	26 (37.1) *3-4
	03	34	1 (2.9)	0 (0.0)	0 (0.0)	1 (2.9)	23 (67.6) *5	19 (55.9) *1-2-5	0 (0.0)	26 (76.5)*5	27 (79.4) *5
	04	51	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	40 (78.4) *5	31 (60.8) *1-2-5	0 (0.0)	45 (88.2)*5	45 (88.2) *5
	05	25	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	7 (28.0)	3 (12.0) *3-4	1 (4.0)	8 (32.0)	8 (32.0)
	<b>Total</b>	<b>255</b>	<b>2 (0.8)</b> <b>*MVG</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>2 (0.8) *</b> <b>MVG</b>	<b>97 (38.0) *ZAD</b>	<b>83 (32.5)</b>	<b>2 (0.8)</b>	<b>122 (47.8)</b> <b>*ZAD</b>	<b>123 (48.2)</b> <b>*ZAD</b>
	F	113	1 (0.9)	0 (0.0)	0 (0.0)	1 (0.9)	37 (32.7)	32 (28.3)	0 (0.0)	52 (46.0)	52 (46.0)
	M	142	1 (0.7)	0 (0.0)	0 (0.0)	1 (0.7)	60 (42.3)	51 (35.9)	2 (1.4)	70 (49.3)	71 (50.0)

Lopé        LPE)	01	47	2 (4.3)	0 (0.0)	0 (0.0)	2 (4.3)	32 (68.1) *2-3-4-5	16 (34.0) *3	6 (12.8) *2-4	35 (74.5) *2-3-4	35 (74.5) *2-3-4
	02	49	3 (6.1)	0 (0.0)	0 (0.0)	3 (6.1)	19 (38.8)	18 (36.7) *3-4	0 (0.0) *1	25 (51.0) *3	25 (51.0) *3
	03	50	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	11 (22.0)	7 (14.0) *1-2-5	0 (0.0) *1	12 (24.0) *5	12 (24.0) *5
	04	72	1 (1.4)	0 (0.0)	0 (0.0)	1 (1.4)	20 (27.8)	13 (18.1) *2-5	1 (1.4) *1	27 (37.5)	28 (38.9)
	05	29	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	12 (41.4)	13 (44.8) *3-4	0 (0.0) *1	16 (55.2)	16 (55.2)
	<b>Total</b>	<b>247</b>	<b>6 (2.4) *ZAD</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>6 (2.4) *ZAD</b>	<b>94 (38.1) *ZAD</b>	<b>67 (27.1) *MVG</b>	<b>7 (2.8) *ZAD</b>	<b>115 (46.6) *ZAD</b>	<b>116 (47.0) *ZAD</b>
	F	122	1 (0.8)	0 (0.0)	0 (0.0)	1 (0.8)	45 (36.9)	31 (25.4)	2 (1.6)	57 (46.7)	58 (47.5)
	M	125	5 (4.0)	0 (0.0)	0 (0.0)	5 (4.0)	49 (39.2)	36 (28.8)	5 (4.0)	58 (46.4)	58 (46.4)
Mvoun        (MVG)	01	79	3 (3.8)	0 (0.0)	0 (0.0)	3 (3.8)	16 (20.3) *2-3-5	17 (21.5) *3	0 (0.0)	25 (31.7) *3-5	27 (34.2) *3-5
	02	47	2 (4.3)	0 (0.0)	0 (0.0)	2 (4.3)	18 (38.3) *3-4	8 (17.0) *3	3 (6.4)	20 (42.6) *3-4	21 (44.7) *3-4
	03	76	0 (0.0) *5	0 (0.0)	0 (0.0)	0 (0.0)	48 (63.2) *4	58 (76.3) *1-2-4-5	0 (0.0)	62 (81.6) *4	62 (81.6) *4
	04	12	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0) *5	1 (8.3) *3	0 (0.0)	1 (8.3) *5	1 (8.3) *5
	05	38	6 (15.8) *3	0 (0.0)	0 (0.0)	6 (15.8)	19 (50.0)	13 (34.2) *3	0 (0.0)	24 (63.2)	26 (68.4)
	<b>Total</b>	<b>252</b>	<b>11 (4.4)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>11 (4.4) *ZAD</b>	<b>101 (40.1)</b>	<b>97 (38.5)</b>	<b>3 (1.2)</b>	<b>132 (52.4)</b>	<b>137 (54.4)</b>

			<b>*ZAD</b>				<b>*ZAD</b>	<b>*LPE</b>		<b>*ZAD</b>	<b>*ZAD</b>
	F	124	4 (3.2)	0 (0.0)	0 (0.0)	4 (3.2)	54 (43.5)	40 (32.3)	2 (1.6)	60 (48.4)	62 (50.0)
	M	128	7 (5.5)	0 (0.0)	0 (0.0)	7 (5.5)	47 (36.7)	57 (44.5)	1 (0.8)	72 (56.3)	75 (58.6)
Zadié (ZAD)	01	80	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	42 (52.5)	26 (32.5)	0 (0.0)	50 (62.5)	50 (62.5)
	02	66	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	41 (62.1)	17 (25.8)	0 (0.0)	43 (65.2)	43 (65.2)
	03	63	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	33 (52.4)	22 (34.9)	0 (0.0)	44 (69.8)	44 (69.8)
	04	7	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5 (71.4)	3 (42.9)	0 (0.0)	6 (85.7)	6 (85.7)
	05	39	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	26 (66.7)	14 (35.9)	0 (0.0)	29 (74.4)	29 (74.4)
	<b>Total</b>	<b>255</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>147 (57.6)</b> <b>*IVD-LPE-MVG</b>	<b>82 (32.2)</b> <b>*LPE</b>	<b>0 (0.0)</b> <b>*LPE</b>	<b>172 (67.5)</b>	<b>172 (67.5)</b>
	F	125	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	76 (60.8)	42 (33.6)	0 (0.0)	87 (69.6)	87 (69.6)
	M	130	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	71 (54.6)	40 (30.8)	0 (0.0)	85 (65.4)	85 (65.4)

\* $p < 0.05$  (Fisher-Exact-test); \* was following by school number or by department name with a significant difference; NS: no significant