

Table 2 Prevalence of intestinal parasitosis in the 2 study groups (exposed and non-exposed to agricultural reuse of untreated wastewater) according to sociodemographic characteristics and source of water consumed, Settat, Morocco

Variable	Prevalence of intestinal parasitosis ^b						Relative risk (RR)	95% CI of RR	Statistics
	Exposed (n = 214)			Non-exposed (n = 119)					
	+ve	-ve	%	+ve	-ve	%			
Sex									
Female	76	37	67.3	18	42	30.0	2.24	1.49–3.37	$\chi^2 = 21.8; P < 0.001$
Male	66	35	65.3	20	39	33.9	1.93	1.31–2.83	$\chi^2 = 14.7; P < 0.001$
Statistics	$\chi^2 = 0.09; P = 0.76$			$\chi^2 = 0.21; P = 0.64$					
Age group (years)									
3–9	19	11	63.3	4	11	26.7	2.38	0.98–5.74	$\chi^2 = 5.26; P = 0.02$
10–14	20	11	64.5	2	9	18.2	3.55	0.99–12.7	$\chi^2 = 6.82; P = 0.009$
15–29	46	22	67.6	16	17	48.5	1.40	0.95–2.06	$\chi^2 = 3.41; P = 0.06$
30–59	44	23	65.7	15	31	32.6	2.01	1.28–3.16	$\chi^2 = 11.84; P = 0.0005$
60+	13	5	72.2	1	13	7.1	10.11	1.50–68.3	$\chi^2 = 13.13; P = 0.0002$
Statistics	$\chi^2 = 0.51; P = 0.97$			$\chi^2 = 9.28; P = 0.05$					
Education									
Educated	66	43	60.6	22	47	31.9	1.90	1.30–2.77	$\chi^2 = 13.81; P < 0.0003$
Illiterate	76	29	72.4	16	34	32.0	2.26	1.48–3.45	$\chi^2 = 22.75; P < 0.0001$
Statistics	$\chi^2 = 3.34; P = 0.06$			$\chi^2 = 0.00; P = 0.98$					
Crowding index^a									
1–1.9	33	25	56.9	7	13	35.0	1.63	0.86–3.08	$\chi^2 = 2.85; P = 0.09$
2–2.9	66	26	71.7	19	40	32.2	2.23	1.51–3.30	$\chi^2 = 22.69; P < 0.0001$
≥ 3	43	21	67.2	12	28	30.0	2.24	1.35–3.71	$\chi^2 = 13.53; P < 0.001$
Statistics	$\chi^2 = 3.54; P = 0.17$			$\chi^2 = 0.16; P = 0.92$					
Toilet in house									
Yes	116	55	67.4	33	70	31.3	2.12	1.57–2.86	$\chi^2 = 33.08; P < 0.0001$
No	29	14	67.8	5	11	32.0	2.16	1.01–4.60	$\chi^2 = 6.15; P = 0.013$
Statistics	$\chi^2 = 0.00; P = 0.96$			$\chi^2 = 0.00; P = 0.95$					
Source of water (well)									
Collective	117	57	67.2				–	–	
Individual	25	15	62.5				–	–	
Statistics	$\chi^2 = 0.00; P = 0.56$								
Total	142	72	66.4	38	81	31.9	2.08	1.57–2.75	$\chi^2 = 36.38; P < 0.0001$

^aNo. of people in household/no. of rooms.

^bEvidence of at least 1 type of intestinal parasite in faeces.

n = total number of subjects.

CI = confidence interval.