

SUPPLEMENTAL APPENDIX TABLE 1  
Background characteristics associated with fecal sampling procedure compliance

	Children who submitted two samples (N = 4,985)	Children who submitted one sample (N = 1,552)	Difference test (P value)
	Mean (95% CI)	Mean (95% CI)	
<b>Individual characteristics</b>			
Age, years	11.11 (11.08, 11.14)	11.13 (11.08, 11.18)	0.708
Female (%)	46.42 (45.03, 47.80)	43.04 (40.58, 45.51)	0.1239
Boarding at school (%)	30.07 (28.80, 31.34)	23.21 (21.11, 25.31)	<b>0.0174*</b>
Dong ethnic minority (%)	45.72 (44.33, 47.10)	41.17 (38.72, 43.62)	0.2689
Miao ethnic minority (%)	36.25 (34.91, 37.58)	40.27 (37.83, 42.71)	0.3016
Shui ethnic minority (%)	3.71 (3.19, 4.24)	3.35 (2.45, 4.25)	0.5726
Zhuang ethnic minority (%)	2.09 (1.69, 2.48)	0.58 (0.2, 0.96)	0.05
<b>Household characteristics</b>			
Number of siblings	1.24 (1.21, 1.27)	1.31 (1.26, 1.36)	0.0897
Pieces of durable assets	8.19 (8.10, 8.27)	8.47 (8.31, 8.62)	<b>0.0382*</b>
Parents are migrant workers (%)	30.73 (29.46, 32.01)	34.16 (31.8, 36.52)	0.0708
Mother attended secondary school (%)	6.97 (6.26, 7.67)	7.79 (6.46, 9.12)	0.3557
Father attended secondary school (%)	11.89 (11, 12.79)	11.1 (9.54, 12.66)	0.4696
<b>Sanitation and hygiene</b>			
Washes hands before eating (%)	86.63 (85.68, 87.57)	86.11 (84.39, 87.83)	0.652
Washes hands after using toilet (%)	89.23 (88.37, 90.09)	89.06 (87.51, 90.61)	0.8678
Drinks boiled water only (%)	10.66 (9.80, 11.52)	11.68 (10.09, 13.28)	0.3768
Wears shoes while playing outside (%)	35.41 (34.08, 36.74)	37.76 (35.35, 40.18)	0.1719
House has dirt floor (%)	13.69 (12.74, 14.65)	11.99 (10.38, 13.6)	0.1824
House has dirt-based latrine (%)	17.92 (16.85, 18.98)	15.97 (14.15, 17.79)	0.1522
Family uses feces as fertilizer (%)	68.05 (66.75, 69.34)	64.54 (62.17, 66.92)	<b>0.0315*</b>

Bolded values with \* indicate significance at the 95% level.

SUPPLEMENTAL APPENDIX TABLE 2  
Observed infection prevalence and fecal egg counts from examination of a single smear slide vs. multiple smear slides (N = 989)

	Single slide		Multiple slides
	Slide 1 only (95% CI)	Slide 2 only (95% CI)	Slides 1 + 2 (95% CI)
<b>Infection prevalence (%)</b>			
<i>Ascaris lumbricoides</i>	17.3 (14.9, 19.7)	19.4 (16.9, 21.9)	22.5 (19.9, 25.2)
<i>Trichuris trichiura</i>	22.9 (20.2, 25.5)	24.5 (21.8, 27.2)	28.1 (25.3, 30.9)
Hookworm	0.8 (0.2, 1.4)	0.2 (-0.1, 0.5)	1.0 (0.4, 1.6)
At least one of the STH species	32.0 (29.0, 34.9)	34.8 (31.8, 37.8)	40.2 (37.2, 43.3)
<b>Fecal egg count among infected (EPG)</b>			
<i>A. lumbricoides</i>	850.2 (646.7, 1,053.7)	913.2 (662.6, 1,163.7)	1,438.2 (1,094.5, 1,781.8)
<i>T. trichiura</i>	70.4 (52.7, 88.1)	60.6 (43.1, 78.2)	110.0 (83.1, 136.9)
Hookworm	14.4 (0.8, 28.0)	87 (-929.5, 1,103.5)	28.9 (-7.3, 65.1)

CI = confidence interval; EPG = eggs per gram; STH = soil-transmitted helminth.