

SUPPLEMENTAL TABLE 1

Results of univariate ordered logistic regression assessing potential factors that may be associated with fecal contamination of water and hand-rinse samples

	Water samples					
	Overall		IHL		Shared sanitation facility	
	OR (95% CI)	<i>P</i> value (Two sided)	OR (95% CI)	<i>P</i> value (Two sided)	OR (95% CI)	<i>P</i> value (Two sided)
Water source used						
Piped water	Ref		Ref		Ref	
Shallow tube well	1.11 (0.64–1.93)	0.71	0.93 (0.44–1.97)	0.85	1.30 (0.57–2.97)	0.53
Borehole with pump	2.23 (1.13–4.43)	0.02	0.82 (0.23–2.88)	0.76	3.93 (1.66–9.30)	0.002
Protected dug well	0.36 (0.04–3.08)	0.35	0.36 (0.04–3.26)	0.36	–	–
Unprotected dug well	1.34 (0.30–6.1)	0.70	2.87 (0.26–32.1)	0.39	0.74 (0.08–7.2)	0.79
Wealth quintile						
Poorest	Ref		Ref		Ref	
Middle	1.05 (0.70–1.59)	0.82	1.34 (0.67–2.67)	0.41	0.75 (0.43–1.30)	0.31
Least poor	0.85 (0.56–1.30)	0.46	0.75 (0.38–1.46)	0.39	0.88 (0.47–1.68)	0.71
Education level of the household caretaker						
No formal education	Ref		Ref		Ref	
Some/complete primary	0.75 (0.44–1.26)	0.28	0.69 (0.29–1.64)	0.40	0.77 (0.40–1.49)	0.44
Some secondary	0.55 (0.34–0.89)	0.02	0.57 (0.27–1.23)	0.15	0.49 (0.26–0.91)	0.02
Secondary and higher	0.51 (0.27–0.95)	0.04	0.44 (0.18–1.08)	0.07	0.51 (0.19–1.40)	0.19
No. of people living in the household	1.01 (0.95–1.09)	0.69	0.97 (0.89–1.06)	0.53	1.07 (0.95–1.20)	0.29
No. of children < 5 years in the household	1.17 (0.87–1.56)	0.30	1.11 (0.75–1.63)	0.61	1.24 (0.80–1.92)	0.33
Location of water source						
In own dwelling	Ref		Ref		Ref	
In own yard	0.88 (0.57–1.36)	0.55	0.94 (0.54–1.66)	0.84	0.74 (0.37–1.51)	0.41
Outside	1.28 (0.84–1.94)	0.25	1.46 (0.77–2.78)	0.25	1.34 (0.75–2.42)	0.33
Time to collect water (return journey, continuous variable)	1.04 (0.98–1.11)	0.17	0.98 (0.86–1.11)	0.75	1.06 (0.98–1.14)	0.16
Feces visible in courtyard	1.08 (0.65–1.79)	0.77	0.68 (0.29–1.56)	0.36	1.54 (0.81–2.95)	0.19
Facility shared	0.77 (0.55–1.08)	0.13	–	–	–	–
Presence of at least one individual in household practicing open defecation	1.34 (0.78–2.28)	0.29	0.97 (0.38–2.46)	0.95	1.71 (0.88–3.32)	0.11
House structure						
Cement wall and roof (pucca)	Ref		Ref		Ref	
Cement wall (semi-pucca)	1.26 (0.87–1.82)	0.22	1.42 (0.86–2.35)	0.17	1.30 (0.74–2.27)	0.37
No cement (kucha)	1.37 (0.75–2.51)	0.3	1.10 (0.40–3.03)	0.85	1.77 (0.80–3.93)	0.16
	Hand rinse					
	Overall		IHL		Shared sanitation facility	
	OR (95% CI)	<i>P</i> value (Two sided)	OR (95% CI)	<i>P</i> value (Two sided)	OR (95% CI)	<i>P</i> value (Two sided)
Water source used						
Piped water	Ref		Ref		Ref	
Shallow tube well	1.06 (0.60–1.86)	0.84	0.97 (0.46–2.08)	0.95	1.13 (0.48–2.63)	0.78
Borehole with pump	1.50 (0.76–2.95)	0.24	0.85 (0.25–2.92)	0.80	2.08 (0.91–4.78)	0.08
Protected dug well	1.97 (0.39–9.86)	0.41	2.56 (0.42–15.6)	0.31	–	–
Unprotected dug well	4.92 (0.94–25.6)	0.06	3.41 (0.30–38.2)	0.32	6.78 (0.69–66.2)	0.1
Wealth quintile						
Poorest	Ref		Ref		Ref	
Middle	0.59 (0.39–0.90)	0.01	0.61 (0.30–1.22)	0.16	0.49 (0.28–0.87)	0.02
Least poor	0.73 (0.48–1.11)	0.14	0.61 (0.32–1.18)	0.14	0.73 (0.38–1.38)	0.33
Education level of household caretaker						
No formal education	Ref		Ref		Ref	
Some/complete primary	0.66 (0.38–1.12)	0.12	1.19 (0.50–2.84)	0.70	0.43 (0.22–0.87)	0.02
Some secondary	0.63 (0.39–1.02)	0.06	0.78 (0.36–1.69)	0.53	0.55 (0.29–1.02)	0.06
Secondary and higher	0.81 (0.44–1.49)	0.49	0.84 (0.35–2.05)	0.71	0.89 (0.34–2.29)	0.8
No. of people living in the household	0.97 (0.90–1.04)	0.41	0.95 (0.86–1.04)	0.29	0.98 (0.87–1.11)	0.79
No. of children < 5 years in the household	1.00 (0.74–1.33)	0.97	1.03 (0.70–1.52)	0.88	0.95 (0.60–1.49)	0.82
Location of water source						
In own dwelling	Ref		Ref		Ref	
In own yard	1.19 (0.76–1.85)	0.44	1.08 (0.61–1.91)	0.78	1.32 (0.66–2.67)	0.43
Outside	1.26 (0.82–1.93)	0.30	1.19 (0.62–2.29)	0.60	1.51 (0.82–2.78)	0.19
Time to collect water (return journey, continuous variable)	1.00 (0.95–1.04)	0.94	0.97 (0.85–1.10)	0.66	1.00 (0.95–1.05)	0.99
Feces visible in courtyard	0.80 (0.47–1.36)	0.41	0.80 (0.35–1.84)	0.60	0.83 (0.41–1.66)	0.59
Facility shared	0.82 (0.58–1.16)	0.26	–	–	–	–
Presence of at least one individual in household practicing open defecation	1.10 (0.63–1.89)	0.74	0.88 (0.34–2.29)	0.80	1.30 (0.66–2.56)	0.45
House structure						
Cement wall and roof (pucca)	Ref		Ref		Ref	
Cement wall (semi-pucca)	0.90 (0.62–1.30)	0.58	1.00 (0.60–1.66)	0.99	0.85 (0.49–1.46)	0.55
No cement (kucha)	1.36 (0.75–2.48)	0.31	2.23 (0.83–6.05)	0.11	1.09 (0.49–2.41)	0.83

IHL = individual household latrine.

Binary outcome coded as absence of coliforms = 0 and presence of coliforms = 1.