Table 2 Association between seropositivity and demographic variables of participants in the serological study (663 children aged 30–54 months) in 3 districts in the south-east of the Islamic Republic of Iran, September to October 2011

Variable	Seropositive		Seronegative		Univariate analysis	Logistic regression	P-value[a]
	No.	%	No.	%	OR (95% CI)	OR (95% CI)	
Distance from health centre (km)							
< 10	558	95.2	28	4.8	1	–[b]	0.023
≥ 10	59	88.1	8	11.9	2.7 (1.2–6.2)	–	
Residential area							
Urban/rural health centre areas	393	95.9	17	4.1	1	1	0.006
Mobile health-care teams areas	69	87.3	10	12.7	3.4 (1.5–7.6)	2.9 (1.3–6.8)	
House build materials							
Brick/cement/clay	527	95.5	25	4.5	1	1	0.026
Straw/tent	99	90.0	11	10.0	2.3 (1.1–4.9)	2.9 (1.3–6.8)	

[a] Fisher exact text; [b]Exit from model.
OR = odds ratio; CI = confidence interval.