Table 2 **Seroprevalence of *Helicobacter pylori* infection and crude and adjusted odds ratios (OR) for infection in Nahavand, Islamic Republic of Iran, by sociodemographic characteristics and other risk factors**

Variable	No. positive/ no. tested	%	Crude OR	95% CI	Adjusted OR	95% CI
Sex						
Female	637/865	73.4	0.72	0.58–0.90	0.72	0.57–0.91
Male	435/653	66.6	1.04	1.03–1.05	1.04	1.03–1.05
Education level						
Illiterate	286/341	83.9	1.86	0.28–0.72	0.99	0.99–1.00
Elementary school	247/361	68.4	1.09	0.70–1.67	0.99	0.99–1.00
Middle school	130/202	64.4	1.30	0.81–2.08	0.99	0.98–1.01
High school	315/480	65.6	1.23	0.81–1.86	1.00	0.99–1.01
University	94/134	70.1	0[a]		0.99	0.98–1.01
Family members in household						
≤ 5	746/1060	73.6	1.01	0.94–1.09	1.00	0.99–1.00
> 5	326/458	66.6	0.97	0.82–1.15	1.00	0.99–1.01
Hand washing before meals						
Missing data	17/20	85.0	–	–	–	–
Never	41/60	68.3	2.63	0.69–10.05	0.99	0.97–1.02
Sometimes	289/397	72.8	2.12	0.61–7.37	1.00	0.99–1.01
Often	63/91	69.2	2.52	0.68–9.29	1.00	0.99–1.02
Always	662/950	69.7	2.47	0.72–8.48	0.99	0.99–1.00
Hand washing after using lavatory						
Missing data	26/31	83.9	–	–	–	–
Never	27/40	67.5	2.50	0.78–8.02	1.00	0.98–1.03
Sometimes	188/247	76.1	1.63	0.60–4.44	1.00	0.99–1.01
Often	56/73	75.3	1.58	−0.53–4.74	0.98	0.95–1.01
Always	775/1127	68.4	2.36	0.90–6.20	1.00	0.99–1.00
Hygienic sewage disposal						
Yes	241/349	69.1	1.08	0.88–1.31	1.00	0.99–1.01
No	831/1169	71.1	0.98	0.92–1.04	0.99	0.99–1.00

[a]*This parameter is set to zero because it is redundant.*
CI = confidence interval.