

Table 3 Model 1: Non-health system factors compared with crude ORs

Variables	<4 ANC visits n (%)	4+ ANC visits n (%)	OR	Crude OR		P-value (*mhodds for trend **LRT)	Model 1		
				Lower 95% CI	Upper 95% CI		aOR	Lower 95% CI	Upper 95% CI
Age (years old)						<0.0001*			
16–20	205 (14.21)	520 (14.48)	1				1		
21–25	507 (35.14)	1054 (29.36)	1.22	1.01	1.48		1.27	1.04	1.55
26–30	383 (26.54)	882 (24.57)	1.1	0.09	1.35		1.24	0.99	1.55
31–35	224 (15.52)	642 (17.88)	0.88	0.71	1.1		1.05	0.81	1.36
36–40	98 (6.79)	367 (10.22)	0.68	0.51	0.89		0.83	0.61	1.14
41+	26 (1.8)	125 (3.48)	0.53	0.34	0.83			0.41	1.06
Number of children (n)						<0.0001*			0.07
0–2	771 (53.43)	1678 (46.74)	1				1		
3–4	450 (31.19)	1166 (32.48)	0.84	0.73	0.96			0.73	1.01
5+	222 (15.68)	746 (20.78)	0.65	0.55	0.77		0.78	0.63	0.98
Number of miscarriages (n)						0.08**			0.74
0	1025 (71.03)	2434 (67.8)	1				1		
1	272 (18.85)	749 (20.86)	0.86	0.74	1.01			0.8	1.1
2+	146 (10.12)	407 (11.34)	0.85	0.7	1.04			0.8	1.22
Living male child						0.04**			0.77
Yes	1119 (77.55)	2879 (80.19)	1				1		
No	324 (22.45)	711 (19.81)	1.17	1.01	1.36		1.02	0.87	1.2