

Table 4 Model 2: Health system factors (adjusted) compared to crude ORs

Variables	<4 ANC visits n (%)	4+ ANC visits n (%)	OR	Crude OR		P-value (*mhodds for trend **LRT)	Model 2			P-value (LRT)
				Lower 95% CI	Upper 95% CI		aOR	Lower 95% CI	Upper 95% CI	
Health Centre						<0.0001**	1	0.33	0.55	< 0.0001
Amman New Camp	766 (53.08)	2007 (55.91)	1							
Irbid New Health Center	561 (38.88)	975 (27.16)	1.51	1.32	1.72					
Jerash Camp	116 (8.04)	608 (16.94)	0.5	0.4	0.62	0.28	0.22	0.35		
Percentage of appointments attended						<0.0001**	1	0.11	1.41	< 0.0001
0	278 (19.27)	542 (15.1)	1							
1–24.9%	3 (0.21)	17 (0.47)	0.34	0.1	1.18					
25–49.9%	85 (5.89)	128 (3.57)	1.29	0.95	1.77					
50–74.9%	403 (27.93)	937 (26.1)	0.84	0.7	1.1					
75–100%	443 (30.7)	1834 (51.09)	0.47	0.39	0.56					
No appointments made	231 (16.01)	132 (3.68)	3.41	2.64	4.42	3.1	2.37	4.06		
Risk status of pregnancy at first visit						0.003**	1	1.94	3.01	< 0.0001
Normal	790 (54.75)	1778 (49.53)	1							
Moderate	409 (28.34)	1112 (30.97)	0.83	0.72	0.95					
High risk	244 (16.91)	700 (19.5)	0.78	0.66	0.93	7.83	5.44	11.26		
Last recorded risk status during pregnancy (*missing 2)						0.001*	1	0.37	0.56	< 0.0001
Normal	735 (50.94)	1265 (35.26)	1							
Moderate	458 (31.74)	1239 (34.53)	0.64	0.55	0.73					
High risk	250 (17.33)	1084 (30.21)	0.4	0.34	0.47	0.13	0.09	0.18		
Receipt of a gynaecologist review at UNRWA						0.81**	1	0.29	0.44	< 0.0001
No	1390 (96.33)	3453 (96.18)	1							
Yes	53 (3.67)	137 (3.82)	0.96	0.7	1.33	0.36				

*Adjusted for age, number of children, number of miscarriage, living