

Table 1 Crude and adjusted ORs of contraceptive use among postpartum women in Shimen county of Hunan province, China

Variables	Contraceptive use %(n/N)	Crude OR (95 %CI)	Adjusted OR (95 %CI)	P Value ^a
Overall	66.6(249/374)			
Demographics				
Age(years)				
<25	56.8(42/74)	1	1	
25-29	64.2(97/151)	1.37(0.72-2.61)	0.97(0.50-1.87)	0.92
≥30	73.8(110/149)	2.15(1.20-3.84)	1.50(0.73-3.08)	0.27
Education status				
Middle and less	63.8(111/174)	1	1	
High school	65.9(85/129)	1.10(0.70-1.71)	1.29(0.82-2.04)	0.26
Above high school	74.7(53/71)	1.67(0.89-3.15)	2.57(1.08-6.10)	0.03
Ethnicity				
Han	61.0(111/182)	1	1	
Other	71.9(138/192)	1.63(0.99-2.70)	1.75(0.98-3.14)	0.06
Per capita annual household income (Yuan/person)				
≥10000	68.7(79/115)	1	1	
3751-9999	62.4(106/170)	0.75(0.46-1.24)	0.75(0.45-1.26)	0.28
0-3750	71.9(64/89)	1.17(0.68-2.01)	1.13(0.64-1.99)	0.68
Delivery information				

Antenatal visits				
<8	70.2(113/161)	1	1	
≥8	63.9(136/213)	0.75(0.48-1.18)	0.62(0.37-1.04)	0.07
Gender of last child				
Boy	66.5(123/185)	1	1	
Girl	66.7(126/189)	1.01(0.69-1.48)	0.90(0.57-1.41)	0.64
Delivery mode				
Cesarean	69.5(114/164)	1	1	
Vaginal	64.3(135/210)	0.79(0.45-1.40)	0.77(0.42-1.40)	0.38
Number of living children before index delivery				
0	59.9(91/152)	1	1	
≥1	71.2(158/222)	1.65(0.99-2.76)	1.04(0.33-3.30)	0.95
Current status				
Infant feeding				
Any breastfeeding	56.1(111/198)	1	1	
No breastfeeding	78.4(138/176)	2.85(1.62-4.99)	3.22(1.77-5.85)	<0.001
Wants another child				
Yes	52.6(60/114)	1	1	
No	72.7(189/260)	2.40(1.60-3.58)	3.11(1.14-8.51)	0.03

^ap value for multivariable logistic regression models