

Table 2. Chi-Square analysis of associations between demographic factors and pregnancy outcomes

Variable	df	Postpartum Hemorrhage (%)				Gestational Diabetes Mellitus (%)				Gestational Hypertension (%)				Chronic Hypertension (%)				Preeclampsia (%)			
		Yes	No	X ²	P	Yes	No	X ²	P	Yes	No	X ²	P	Yes	No	X ²	P	Yes	No	X ²	P
		n=59	n=501			n=69	n=549			n=25	n=593			n=23	n=595			n=46	n=572		
Age	1			10.50	<0.01**			12.42	<0.001 [†]			10.28	<0.01**			20.94	<0.001 [†]			5.25	0.02*
Advanced Maternal Age (35+)		18.32	81.68			20.74	79.26			9.63	90.37			11.11	88.89			12.59	87.41		
<35		7.91	92.09			9.07	90.93			2.72	97.28			1.81	98.19			6.12	93.88		
Delivery Route	1			65.81	<0.001 [†] ^A			6.85	<0.01**			0.25	0.62				<0.001 [†] ^A			0.23	0.63
Cesarean		22.92	77.08			11.12	83.88			4.96	95.04			8.26	91.74			8.68	91.32		
Vaginal		01.25	98.75			8.70	91.30			3.77	96.23			0.87	99.13			7.25	93.75		
Parity	1			6.90	<0.01**			0.01	0.94			0.01	0.93			1.29	0.26			1.72	0.19
Parity 0-1		8.33	91.67			11.14	88.86			4.41	95.59			3.25	96.75			8.82	91.18		
Parity 2+		16.45	83.55			13.38	86.62			3.82	96.18			5.73	94.27			5.10	94.90		
BMI	1			3.21	0.07			4.35	0.04*			0.00	1.00			9.28	<0.01**			0.02	0.89
<30		7.51	92.49			8.39	91.61			4.19	95.81			1.61	98.39			8.06	91.94		
30+		12.82	87.18			14.63	85.37			4.39	95.61			7.32	92.68			7.32	92.68		
Race	1			1.04	0.31			0.49	0.48								0.59 ^A			0.23 ^A	
NH Black		11.16	88.84			12.47	87.52			4.68	95.32		0.28 ^A	4.45	95.55			8.46	91.54		
Other Race		7.07	92.93			9.43	90.57			1.89	98.11			2.83	97.17			4.72	95.78		
Education	1			0.24	0.62			1.68	0.20			4.55	0.03*			1.17	0.28			5.58	0.02*

Some college education or more		9.39	90.61		13.19	86.81		5.90	94.08		4.86	95.14		10.42	89.58
High School or less		11.06	88.93		9.30	90.70		1.94	98.06		2.71	97.29		4.65	95.45
Birth Country	1		0.58	0.45		5.29	0.02*		1.68	0.19		0.04	0.85		0.02 0.89
Foreign-born		9.22	90.78		15.10	84.90		5.03	94.97		4.36	95.64		8.05	91.95
US-born		11.58	88.42		8.49	91.51		2.58	97.42		3.69	96.31		7.38	92.62
Employment Status	1		0.07	0.78		<0.001	1.00		0.22	0.64		0.04**		1.11	0.29
Employed		9.91	90.09		11.94	88.06		4.72	95.28		5.00	95.00		8.89	91.11
Unemployed		11.05	88.95		12.00	88.00		3.50	96.50		1.50	98.50		6.00	94.00
Insurance Type	1		1.30	0.25		0.63	0.43		0.04	0.84		0.16	0.69		0.90 0.34
Medicaid or self-pay		9.62	90.37		11.23	88.77		4.15	95.84		3.74	96.26		7.07	93.93
Other		14.29	85.71		14.74	85.26		5.26	95.74		5.26	94.74		10.53	98.47
WIC Status	1		0.55	0.46		<0.01	0.96		<0.01	0.95		<0.001	1.00		7.25 <0.01**
WIC Participant		9.26	90.74		11.47	88.53		4.12	95.88		3.82	96.18		5.29	94.71
Non-WIC Participant		11.65	88.35		11.98	88.02		4.61	95.39		4.15	95.85		11.98	88.02

^AFisher's exact test was used

[†] $p \leq 0.001$, ^{**} $p \leq 0.01$, ^{*} $p \leq 0.05$