

Table.S1. Univariate analysis for whole data.

Variables	LDA(N=277)	Control(N=655)	P value
PE	13(4.69)	71(10.84)	0.002
Preterm birth	20(7.22)	96(14.66)	0.002
FGR	65(23.47)	189(28.85)	0.107
sFGR	54(19.49)	162(24.73)	0.090
Postpartum hemorrhage	9(3.25)	22(3.36)	1.000
GDM	80(28.88)	182(27.79)	0.750
ICP	27(9.75)	83(12.67)	0.223
Hypothyroidism	19(6.86)	47(7.18)	1.000
Anemia	28(10.11)	85(12.98)	0.230

Table S2. Multivariable logistic regression analysis for PE.

Variables	OR (95%CI)	Adjusted OR (95% CI) #
Age	1.06(1.01-1.12) *	1.05(0.99-1.11)
Pre-pregnant BMI	1.15(1.07-1.23) *	1.17(1.08-1.26)
BMI increment	1.22(1.10-1.35) *	1.29(1.16-1.43)
Gravidity	0.83(0.68-1.01) *	
Uniparas	3.99(1.24-12.83) *	3.76(1.11-12.72)
Spontaneous conception	0.40(0.24-0.66) *	0.63(0.34-1.15)
DC	2.42(1.23-4.77) *	1.00(0.45-2.23)
GDM	1.48(0.92-2.36)	
LDA	0.41(0.22-0.75) *	0.45(0.24-0.87)

#: Adjusted by all other characteristics marked with “*”.

Table S3. Multivariable logistic regression analysis for PTB.

Variables	OR (95%CI)	Adjusted OR (95% CI) #
Age	0.96(0.92-1.01) *	0.97(0.92-1.02)
Pre-pregnant BMI	1.01(0.94-1.08)	
Gravidity	0.97(0.84-1.13) *	
Uniparas	1.09(0.59-2.02)	
Spontaneous conception	0.94(0.63-1.39) *	0.74(0.45-1.20)
DC	0.67(0.44-1.04) *	0.46(0.27-0.78)
GDM	0.92(0.60-1.43)	
ICP	0.85(0.45-1.59) *	0.88(0.46-1.68)
LDA	0.45(0.27-0.75) *	0.38(0.22-0.64)

#: Adjusted by all other characteristics marked with “*”.

Table S4. Multivariable logistic regression analysis for FGR.

Variables	OR (95%CI)	Adjusted OR (95% CI) [#]
Age	0.98(0.95-1.01) *	0.99(0.96-1.03)
Pre-pregnant BMI	0.93(0.88-0.98)	
Gravidity	0.94(0.84-1.06) *	0.95(0.83-1.07)
Uniparas	0.93(0.60-1.44)	
Spontaneous conception	1.18(0.89-1.60) *	1.04(0.73-1.49)
DC	0.64(0.46-0.89) *	0.57(0.38-0.84)
GDM	1.10(0.80-1.51)	
LDA	0.76(0.55-1.05) *	0.64(0.45-0.91)

#: Adjusted by all other characteristics marked with “*”.

Table S5. Multivariable logistic regression analysis for postpartum hemorrhage.

Variables	OR (95%CI)	Adjusted OR (95% CI) [#]
Age	1.05(0.96-1.14) *	1.02(0.93-1.13)
Pre-pregnant BMI	1.02(0.91-1.15)	
Gravidity	0.95(0.71-1.26) *	0.98(0.72-1.34)
Uniparas	2.02(0.48-8.57)	
Spontaneous conception	0.48(0.22-1.06) *	0.54(0.21-1.44)
DC	1.62(0.61-4.27) *	1.03(0.31-3.32)
GDM	1.89(0.91-3.91)	
PE	3.78(1.63-8.73) *	3.42(1.45-8.08)
LDA	0.97(0.44-2.13) *	1.34(0.57-3.13)

#: Adjusted by all other characteristics marked with “*”.