

Supplemental table 1. Selected Perinatal Outcomes of Women With Controls, Mild ICP, or Severe ICP With Singleton Pregnancies\*

Outcome	n	N(%)	OR(95%CI)	aOR(95%CI ) †	P value
<b>Spontaneous preterm birth(&lt;37GW)</b>					
Controls	91,083	3,142(3.4)	1	1	
Mild ICP	1055	160(15.2)	5.00(4.21-5.94)	4.99(4.20-5.93)	<0.001
Severe ICP	135	49(36.3)	15.95(11.20-22.7)	15.84(11.11-22.5)	<0.001
<b>Iatrogenic preterm birth(&lt;37GW)</b>					
Controls	91,083	1,459(1.6)	1	1	
Mild ICP	1055	60(5.7)	3.70(2.84-4.83)	3.67(2.82-4.79)	<0.001
Severe ICP	135	11(8.1)	5.45(2.94-10.12)	5.33(2.87-9.91)	<0.001
<b>Stillbirth</b>					
Controls	91,083	169(0.2)	1	1	
Mild ICP	1055	4(0.4)	2.05(0.76-5.53)	2.04(0.76-5.52)	0.158
Severe ICP	135	2(1.5)	8.09(1.99-32.95)	8.00(1.96-32.58)	0.004
<b>Meconium staining of the amniotic fluid**</b>					
Controls	91,083	17,226(18.9)	1	1	
Mild ICP	1055	206(19.5)	1.04(0.89-1.21)	1.37(1.17-1.60)	<0.001
Severe ICP	135	34(25.2)	1.44(0.98-2.13)	2.89(1.92-4.34)	<0.001
<b>Gestational diabetes mellitus</b>					
Controls	91,083	5,062(5.6)	1	1	
Mild ICP	1055	75(7.1)	1.30(1.03-1.65)	1.27(1.00-1.62)	0.046
Severe ICP	135	17(12.6)	2.45(1.47-4.07)	2.29(1.37-3.82)	0.002

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**Pre-eclampsia**

Controls	91,083	2,913(3.2)	1	1	
Mild ICP	1055	111(10.5)	3.72(3.05-4.55)	3.72(3.04-4.54)	<0.001
Severe	135	14(10.4)	3.66(2.10-6.38)	3.63(2.09-6.33)	<0.001
ICP					

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\*ICP, intrahepatic cholestasis of pregnancy.

† ORs were adjusted for maternal age, insurance status, pre-pregnancy body-mass index, education level, chorionicity and type of conception.

\*\*Gestational week was also included as confounder.