

Supplementary Table 1a. Neonatal complications of prematurity - spontaneous vs. medically indicated late preterm delivery

Variable	Spontaneous (N=10,063 Deliveries)	Medically Indicated (N=4,833 Deliveries)	P value
Respiratory distress syndrome	2.5 (225)	2.9 (131)	0.111
Intra ventricular hemorrhage	0.1 (6)	0.1 (5)	0.357
Necrotizing enterocolitis	0.1 (9)	0.2 (11)	0.035
Bronchopulmonary dysplasia	0.0 (0)	0.0 (0)	0.329
Retinopathy of prematurity	0.0 (0)	0.0 (1)	0.329
Transitory tachypnea	7.8 (711)	7.4 (329)	0.372
Polycythemia neonatorum	1.5 (140)	1.5 (65)	0.718
Infant of diabetic mother syndrome	0.6 (50)	0.8 (37)	0.055

Data is presented as percentage (number)

Supplementary Table 1b. Severe neonatal outcomes - spontaneous vs. medically indicated late preterm delivery

Variable	Spontaneous (N=10,063 Deliveries)	Medically Indicated (N=4,833 Deliveries)	P value
Intrapartum death	0.1 (14)	0.1 (5)	0.568
Postpartum death	1 (104)	0 (48)	0.891
Umbilical cord Ph <7	0.6 (3)	1 (2)	0.625
Hemorrhage	0.0 (1)	0.0 (2)	0.253
Cardiogenic shock	0.0 (1)	0.0 (0)	1
Hemolytic disorder	0.5 (48)	0.3 (13)	0.054

Data is presented as percentage (number)

Supplementary Table 1c. Infection-related neonatal outcomes - spontaneous vs. medically indicated late preterm delivery

Variable	Spontaneous (N=10,063 Deliveries)	Medically Indicated (N=4,833 Deliveries)	P value
Infection	0.0 (4)	0.0 (2)	1
Bacteremia	0.0 (2)	0.0 (0)	1
Fever	0.1 (9)	0.0 (2)	0.522
Urinary tract infections	0.1 (7)	0.1 (3)	1
Antibiotics transfusion	13.6 (1,237)	13.8 (621)	0.655

Data is presented as percentage (number)

Supplementary Table 2. The risk for neonatal distress* in late preterm delivery

Variable	Crude OR (95%CI)
Maternal age	1.018 (1.009-1.027)
Induced delivery	0.969 (0.857-1.096)
Male gender	1.447 (1.288-1.625)
Bedouin origin	0.999 (0.886-1.127)

*Neonatal distress: accounts for all neonates with RDS, IVH, NEC, TTB.