

Table S1 Association between mortality and potential risk factors among VLBWI

Variables	B	P value	Adjusted OR (95% CI)
Antenatal corticosteroids	−0.455	0.02	0.634 (0.436, 0.923)
Multiple birth	0.297	0.10	1.345 (0.945, 1.915)
Cesarean	−0.286	0.15	0.751 (0.510, 1.106)
Birth weight	1.996	<0.001	7.35 (5.041, 10.742)
SGA	−0.312	0.20	0.732 (0.455, 1.178)
Surfactant	0.572	0.01	1.771 (1.135, 2.766)
Breastfeeding	−2.501	<0.001	0.082 (0.057, 0.119)

VLBWI, very low birth weight infants; OR, odds ratio; 95% CI, 95% confidence interval; SGA, small for gestational age.

Table S2 Association between LOS and potential risk factors among VLBWI

Variables	B	P value	Adjusted OR (95% CI)
Antenatal corticosteroids	−0.125	0.38	0.883 (0.669, 1.164)
Multiple birth	0.120	0.33	1.128 (0.886, 1.435)
Cesarean	−0.275	0.04	0.759 (0.586, 0.984)
Birth weight	0.567	<0.001	1.764 (1.344, 2.313)
SGA	−0.137	0.40	0.872 (0.635, 1.197)
Surfactant	0.135	0.33	1.145 (0.874, 1.499)
Breastfeeding	−0.101	0.47	0.904 (0.688, 1.189)

LOS, late-onset sepsis; VLBWI, very low birth weight infants; OR, odds ratio; 95% CI, 95% confidence interval; SGA, small for gestational age.

Table S3 Association between NEC and potential risk factors among VLBWI

Variables	B	P value	Adjusted OR (95% CI)
Antenatal corticosteroids	−0.365	0.03	0.695 (0.496, 0.972)
Multiple birth	0.004	0.98	1.004 (0.736, 1.370)
Cesarean	−0.152	0.37	0.859 (0.618, 1.195)
Birth weight	0.542	0.002	1.720 (1.213, 2.440)
SGA	−0.376	0.08	0.687 (0.453, 1.042)
Surfactant	−0.101	0.56	0.904 (0.645, 1.267)
Breastfeeding	−0.300	0.08	0.741 (0.531, 1.034)

NEC, necrotizing enterocolitis; VLBWI, very low birth weight infants; OR, odds ratio; 95% CI, 95% confidence interval; SGA, small for gestational age.

Table S4 Association between IVH and potential risk factors among VLBWI

Variables	B	P value	Adjusted OR (95% CI)
Antenatal corticosteroids	−0.428	0.02	0.652 (0.462, 0.920)
Multiple birth	0.068	0.68	1.070 (0.778, 1.472)
Cesarean	−0.583	0.001	0.558 (0.398, 1.783)
Birth weight	1.148	<0.001	3.152 (2.277, 4.365)
SGA	−0.454	0.07	0.635 (0.392, 1.029)
Surfactant	0.915	<0.001	2.498 (1.608, 3.881)
Breastfeeding	−0.479	0.005	0.619 (0.443, 0.867)

IVH, intraventricular hemorrhage; VLBWI, very low birth weight infants; OR, odds ratio; 95% CI, 95% confidence interval; SGA, small for gestational age.

Table S5 Association between PVL and potential risk factors among VLBWI

Variables	B	P value	Adjusted OR (95% CI)
Antenatal corticosteroids	−0.123	0.55	0.884 (0.593, 1.319)
Multiple birth	−0.165	0.37	0.848 (0.591, 1.216)
Cesarean	−0.469	0.01	0.625 (0.432, 0.906)
Birth weight	0.371	0.045	1.401 (1.026, 1.687)
SGA	0.074	0.76	1.077 (0.676, 1.716)
Surfactant	0.555	0.008	1.742 (1.153, 2.136)
Breastfeeding	0.325	0.14	1.384 (0.897, 5.262)

PVL, periventricular leukomalacia; VLBWI, very low birth weight infants; OR, odds ratio; 95% CI, 95% confidence interval; SGA, small for gestational age.

Table S6 Association between BPD and potential risk factors among VLBWI

Variables	B	P value	Adjusted OR (95% CI)
Antenatal corticosteroids	−0.038	0.78	0.963 (0.739, 1.254)
Multiple birth	0.158	0.16	1.172 (0.940, 1.460)
Cesarean	−0.162	0.18	0.851 (0.672, 1.077)
Birth weight	1.322	<0.001	3.752 (2.964, 4.749)
SGA	−0.554	0.001	0.574 (0.420, 0.785)
Surfactant	1.032	<0.001	2.806 (2.106, 3.739)
Breastfeeding	0.266	0.05	1.305 (1.000, 1.703)

BPD, periventricular leukomalacia; VLBWI, very low birth weight infants; OR, odds ratio; 95% CI, 95% confidence interval; SGA, small for gestational age.

Table S7 Association between ROP and potential risk factors among VLBWI

Variables	B	P value	Adjusted OR (95% CI)
Antenatal corticosteroids	0.179	0.56	1.196 (0.652, 2.193)
Multiple birth	−0.007	0.98	0.993 (0.605, 1.630)
Cesarean	−1.106	<0.001	0.331 (0.187, 0.585)
Birth weight	2.430	<0.001	11.358 (6.470, 19.940)
SGA	0.107	0.77	1.113 (0.546, 2.269)
Surfactant	0.681	0.07	1.977 (0.953, 4.101)
Breastfeeding	0.958	0.008	2.606 (1.290, 5.262)

ROP, retinopathy of prematurity; VLBWI, very low birth weight infants; OR, odds ratio; 95% CI, 95% confidence interval; SGA, small for gestational age.