

**Supplemental Table 1.** Comparison of baseline characteristics between twins and singletons

	23 – 28 weeks of gestational age			29 – 33 weeks of gestational age		
	Twin (n = 1,430)	Singleton (n = 3,977)	P value	Twin (n = 934)	Singleton (n = 3,190)	P value
<b>Infant</b>						
Gestational age (weeks), mean (SD)	26.63 (1.64)	26.60 (1.58)	0.471	30.19 (0.91)	30.80 (1.34)	0.001<
Birth weight (g), mean (SD)	917 (235)	913 (246)	0.581	1,268 (188)	1,248 (203)	0.005
SGA, n (%)	75 (5.2)	380 (9.6)	0.001<	94 (10.1)	899 (28.2)	0.001<
Male, n (%)	775 (54.2)	2,107 (53.0)	0.434	447 (47.9)	1,564 (49.0)	0.529
<b>Maternal</b>						
Maternal age (years), mean (SD)	33.05 (4.04)	33.33 (4.51)	0.031	33.51 (3.79)	33.36 (4.52)	0.305
Maternal diabetes mellitus, n (%)	138 (9.7)	348 (8.8)	0.268	126 (13.5)	338 (10.6)	0.013
Maternal hypertension, n (%)	74 (5.2)	678 (17.0)	0.001<	144 (15.5)	1357 (42.5)	0.001<
Chorioamnionitis <sup>a</sup> , n (%)	446 (37.2)	1701 (49.9)	0.001<	133 (17.7)	734 (27.0)	0.001<
Premature rupture of membrane, n (%)	524 (37.0)	1770 (44.8)	0.001<	347 (37.4)	876 (27.6)	0.001<
Cesarean section, n (%)	1247 (87.2)	2823 (71.0)	0.001<	834 (89.3)	2618 (82.1)	0.001<
In vitro fertilization, n (%)	768 (54.8)	348 (8.8)	0.001<	512 (55.8)	197 (6.2)	0.001<
Antenatal corticosteroid, n (%)	1256 (87.8)	3331 (83.8)	0.001<	822 (88.0)	2,682 (84.1)	0.003

Data are presented as mean (SD) or n (%).

Abbreviations: ACS, antenatal corticosteroid; SGA, small for gestational age; IVH, intraventricular hemorrhage; PDA, patent ductus arteriosus; ROP, retinopathy of prematurity.

<sup>a</sup> Values were missing for 797 infants in the group with 23 to 28 weeks of gestational age and 657 infants in the group with 29 to 33 weeks of gestational age.