

Supplemental table 1: Neonatal related factors admitted to NICU of public hospitals of East Wollega Zone, western Ethiopia, February-April 2020

Variables	Cases n=73(%)	Controls n=176(%)	Total n=219(%)	Crude OR (95% CI)	p-value
Sex of the new born					
Male	38(52.1)	74(50.7)	112(51.1)	1.06(0.60,1.85)	0.85
Female	36(49.3)	72(49.3)	107(48.9)	1	
Age of the new born					
< 1 day	17(23.3)	22(15.1)	39(17.8)	1.75(0.80,3.80)	0.16*
1-3 day	29(39.7)	63(43.2)	92(42)	1.04(0.55,1.96)	0.90
> 3 day	27(37)	61(41.8)	88(40.2)	1	
Weight of newborn					
<2500 g	30(41.1)	12(8.2)	42(19.2)	7.79(3.67,16.53)	0.01*
≥ 2500 g	43(58.9)	134(91.8)	177(80.8)	1	
Gestational age					
< 37 weeks	26(35.6)	18(12.3)	44(20.1)	3.93(1.98,7.83)	0.01*
≥ 37 weeks	47(64.4)	128(87.7)	175(79.9)	1	
CPR done at birth					
Yes	64(87.7)	70(47.9)	134(61.2)	7.72(3.58,16.67)	0.01*
No	9(12.3)	76(52.1)	85(38.8)	1	
Neonatal medical problem					
Yes	35(47.9)	89(61.0)	124(56.6)	0.59(0.33,1.04)	0.07*
No	38(52.1)	57(39)	95(43.4)	1	
Type of medical problems					
Neonatal sepsis	6(17.1)	18(20.2)	24(19.4)	1	
Birth asphyxia	18(51.4)	40(44.9)	58(46.8)	1.35(0.46,3.97)	0.59
Respiratory disease	11(31.4)	31(34.8)	42(33.9)	1.07(0.34,3.37)	0.92

*Variables that showed significant association during bivariable analysis