

**Supplementary Table: Significant factors for infant health outcomes during the first six months and twelve months of life**

Variables	Adjusted <sup>a</sup> OR (95% CI) 0-6 months	p-value	Adjusted <sup>b</sup> OR (95% CI) 0-12 months	p-value
<b>Association between prelacteal feed and hospitalisation during six and twelve months</b>				
<b>Prelacteal feed</b>	1.44 (1.02-2.03)	0.038	1.43 (1.09-1.88)	0.011
Maternal education				
Secondary school or lower	1		1	
Post high school	0.65 (0.45-0.94)	0.022	0.71 (0.53-0.95)	0.022
Infant gender				
Boy	1		1	
Girl	0.62 (0.46-0.84)	0.002	0.62 (0.49-0.79)	<0.001
<b>Association between prelacteal feed and diarrhoea during six and twelve months</b>				
<b>Prelacteal feed</b>	1.73 (1.25-2.41)	0.001	1.56 (1.19-2.05)	0.001
<b>Association between prelacteal feed and lower respiratory tract infection during six and twelve months</b>				
<b>Prelacteal feed</b>	0.85 (0.65-1.12)	0.249	1.50 (1.18-1.90)	0.001
Maternal age (mean)	0.96 (0.93-0.99)	0.004	0.97 (0.94-0.99)	0.005
Occupation, n (%)				
Currently not working	1		1	
Currently working	1.31 (1.01-1.71)	0.040	1.33 (1.06-1.66)	0.012
Pre pregnancy BMI (mean)	1.06 (1.01-1.11)	0.026		
Infant gender				
Boy			1	
Girl			0.76 (0.62-0.94)	0.009
Any breastfeeding at 6 months	0.46 (0.33-0.64)	<0.001		
Any breastfeeding duration (mean)			0.99 (0.98-1.00)	0.010
<b>Association between early formula feed and hospitalisation during six and twelve months</b>				
<b>Early formula feed</b>	1.39 (0.92-2.10)	0.113	1.48 (1.07-2.05)	0.018
Maternal education				
Secondary school or lower	1		1	
Post high school	0.67 (0.46-0.96)	0.031	0.72 (0.54-0.97)	0.032
Infant gender				
Boy	1		1	
Girl	0.63 (0.47-0.84)	0.002	0.63 (0.49-0.79)	<0.001
<b>Association between early formula feed and diarrhoea during six and twelve months</b>				
<b>Early formula feed</b>	1.50 (1.02-2.21)	0.041	1.37 (1.00-1.87)	0.050
<b>Association between early formula feed and lower respiratory tract infection during six and twelve months</b>				

<b>Early formula feed</b>	1.00 (0.74-1.37)	0.977	1.41 (1.08-1.83)	0.011
Maternal age (mean)	0.96 (0.93-0.99)	0.004	0.97 (0.94-0.99)	0.005
Occupation, n (%)				
Currently not working	1		1	
Currently working	1.33 (1.02-1.72)	0.034	1.32 (1.06-1.65)	0.04
Pre pregnancy BMI (mean)	1.06 (1.01-1.11)	0.027		
Infant gender				
Boy			1	
Girl			0.76 (0.62-0.93)	0.009
Any breastfeeding at 6 months	0.47 (0.34-0.65)	<0.001		
Any breastfeeding duration (mean)			0.99 (0.98-1.00)	0.009

<sup>a</sup> Adjusted for maternal age (years), occupation (currently not working; currently working), education level (secondary school or lower; high school graduate; college/university or above), parity (0; 1;  $\geq 2$ ), pre-pregnancy body mass index ( $\text{kg}/\text{m}^2$ ), gestational diabetes (yes; no), gestational age (preterm; not preterm), gestational weight gain (kg), caesarean section (yes; no), infant gender (boy; girl), birthweight (g), admission to neonatal intensive care unit (yes; no), and any breastfeeding at six months (yes; no). The models only included those with complete follow up data for 12 months (n=1709).

<sup>b</sup> Adjusted for maternal age (years), occupation (currently not working; currently working), education level (secondary school or lower; high school graduate; college/university or above), parity (0; 1;  $\geq 2$ ), pre-pregnancy body mass index ( $\text{kg}/\text{m}^2$ ), gestational diabetes (yes; no), gestational age (preterm; not preterm), gestational weight gain (kg), caesarean section (yes; no), infant gender (boy; girl), birthweight (g), admission to neonatal intensive care unit (yes; no), and any breastfeeding duration (weeks). The models only included those with complete follow up data for 12 months (n=1709).

AOR: Adjusted odds ratio; CI: Confidence interval; BMI: Body Mass Index.