

Table 3: RESULT OF UNIVARIATE ANALYSIS LOGISTIC REGRSSION

EXPLANATO-RY VARIABLES	UNDER-5		
	OR	P-value	(C.I)
Maternal factors			
Maternal education			
No education	1.00	-	(-)
Primary	0.83	0.001	(0.76 – 0.91)
Secondary or higher	0.58	0.001	(0.53 – 0.64)
Maternal occupation			
Not working	1.00	-	(-)
Business or cleric	0.96	0.380	(0.88 – 1.05)
Manual	1.02	0.683	(0.93 – 1.12)
Parity			
1	1.00	-	(-)
2, 3 and 4	1.60	0.001	(1.37 – 1.87)
≥5	2.31	0.001	(1.98 – 2.70)
Marital status			
Never married	1.00	-	(-)
Currently married	1.38	0.047	(1.00 – 1.90)
Formerly married	2.04	0.001	(1.41 – 2.96)
Maternal age			
≤ 20 years	1.00	-	(-)
21 – 25 years	0.83	0.006	(0.73 – 0.95)
26 – 30 years	0.80	0.001	(0.71 – 0.91)
31 – 35 years	0.86	0.024	(0.75 – 0.97)
> 35 years	0.99	0.837	(0.87 – 1.24)
Maternal age at first marriage			
< 15 years	1.00	-	(-)
15 – 19 years	0.80	0.001	(0.74 – 0.87)
20 – 24 years	0.67	0.001	(0.60 – 0.75)
≥ 25 years	0.61	0.001	(0.52 – 0.72)
Family planning			
No method	1.00	-	(-)
Traditional	0.45	0.001	(0.35 – 0.58)
Modern	0.55	0.001	(0.47 – 0.65)
Health Seeking Behaviour			
Low	1.00	-	(-)
Average	1.17	0.001	(1.07 – 1.27)
High	0.55	0.001	(0.50 – 0.62)
Preceding birth interval			
< 18 months	1.00	-	(-)
18 – 36 months	0.49	0.001	(0.43 – 0.56)
> 36 months	0.30	0.001	(0.26 – 0.34)
Breastfeeding			
< 6 months	1.00	-	(-)
6 – 12 months	0.27	0.001	(0.24 – 0.30)

EXPLANATORY VARIABLES	UNDER-5		
	OR	P-value	(C.I)
>12 – 18 months	0.10	0.001	(0.08 – 0.11)
>18 months	0.10	0.001	(0.08 – 0.11)
Child factors			
Sex			
Male	1.00	-	(-)
Female	0.87	0.001	(0.81 – 0.93)
Birth order			
1	1.00	-	(-)
2, 3 or 4	0.87	0.011	(0.79 – 0.97)
≥5	1.25	0.001	(1.12 – 1.38)
Birth weight			
Average	1.00	-	(-)
Large	0.91	0.022	(0.83 – 0.99)
Small	1.39	0.001	(1.38 – 1.70)
Paternal & Family factors			
Family size			
1 – 5	1.00	-	(-)
>5	0.77	0.001	(0.71 – 0.80)
Sanitation			
Good toilet	1.00	-	(-)
Bad toilet	1.98	0.001	(1.69 – 2.31)
Fuel source			
Gas	1.00	-	(-)
Kerosene	1.48	0.193	(0.82 – 2.69)
Others	2.66	0.001	(1.49 – 4.76)
No of wives			
One wife	1.00	-	(-)
More wives	1.35	0.001	(1.25 – 1.46)
Wealth index			
Poor	1.00	-	(-)
Rich	0.69	0.001	(0.64 – 0.74)
Water source			
Unsafe water	1.00	-	(-)
Safe water	0.76	0.001	(0.70 – 0.82)
Paternal age			
< 22 years	1.00	-	(-)
22 – 30 years	1.27	0.285	(0.82 – 1.96)
>30 – 40 years	1.23	0.339	(0.80 – 1.90)
>40 – 50 years	1.28	0.260	(0.83 – 1.98)
>50 years	1.67	0.022	(1.08 – 2.59)
Paternal occupation			
Business / cleric	1.00	-	(-)
Farming	1.18	0.001	(1.08 – 1.29)
Manual	1.01	0.896	(0.91 – 1.12)
Other factors			
Residence			

EXPLANATORY VARIABLES	UNDER-5		
	OR	P-value	(C.I)
Rural	1.00	-	(-)
Urban	1.53	0.001	(1.40 – 1.68)
Ethnicity			
Minors	1.00	-	(-)
Majors	1.02	0.546	(0.95 – 1.10)
Regions			
North central	1.00	-	(-)
North east	1.29	0.001	(1.15 – 1.45)
North west	1.37	0.001	(1.22 – 1.53)
South east	1.15	0.080	(0.98 – 1.34)
South west	0.99	0.918	(0.86 – 1.15)
South south	0.64	0.001	(0.54 – 0.75)

*** means variables omitted by StataIC 11 software package

