

Supplementary material

Table 3| Predictors of health services utilisation by communities in Nigeria using backward stepwise model selection – multivariable model

Variable	IRR (95% CI)	P - value
Community factors		
Multiple child deprivation index ^a	1.28 (1.18 – 1.39)	<0.001
Maternal health seeking behavior index ^a	0.69 (0.64 – 0.75)	<0.001
Ethnicity diversity index ^a	1.005 (1.002 – 1.007)	<0.001

^a Principal component,

IRR – Incidence Rate Ratio,

CI – Confidence Interval

Table 4

Factor analysis/correlation for maternal deprivation index

Factor	Eigenvalue	Difference	Proportion	Cumulative
Factor 1	2.28059	1.44667	0.5701	0.5701
Factor 2	0.83392	0.21588	0.2085	0.7786
Factor 3	0.61804	0.35058	0.1545	0.9331
Factor 4	0.26746	.	0.0669	1.0000

Table 5

Factor analysis/correlation for childhood deprivation index

Factor	Eigenvalue	Difference	Proportion	Cumulative
Factor 1	1.66712	0.63538	0.3334	0.3334
Factor 2	1.03174	0.09824	0.2063	0.5398
Factor 3	0.93350	0.18950	0.1867	0.7265
Factor 4	0.74400	0.12037	0.1488	0.8753
Factor 5	0.62363	.	0.1247	1.0000

Table 6

Factor analysis/correlation for maternal health seeking behaviour index

Factor	Eigenvalue	Difference	Proportion	Cumulative
Factor 1	3.18691	2.70902	0.7967	0.7967
Factor 2	0.47790	0.20588	0.1195	0.9162
Factor 3	0.27201	0.20884	0.0680	0.9842
Factor 4	0.06318	.	0.0158	1.0000