

Table 4 Binary logistic regression analysis showing the effect of ECDI among children aged 3–5 years by background characteristics in Bangladesh, Costa Rica and Ghana

Characteristics	ECDI					
	Bangladesh		Costa Rica		Ghana	
	OR (P)	95% CI	OR (P)	95% CI	OR (P)	95% CI
Child age						
36–47 months	0.51 (<i><0.001</i>)	0.46–0.56	0.85 (<i><0.001</i>)	0.82–0.88	0.57 (<i><0.001</i>)	0.49–0.68
48–59 months (ref.)	1		1		1	
Child sex						
Male	0.69 (<i><0.001</i>)	0.62–0.76	0.50 (<i><0.001</i>)	0.48–0.52	0.72 (<i><0.001</i>)	0.61–0.85
Female (ref.)	1		1		1	
Residence						
Urban	1.04 (0.60)	0.90–1.19	0.76 (<i><0.001</i>)	0.73–0.79	1.83 (<i><0.001</i>)	1.50–2.22
Rural (ref.)	1		1		1	
Maternal education						
None	0.66 (<i><0.001</i>)	0.56–0.77	0.38 (<i><0.001</i>)	0.35–0.41	0.50 (<i><0.001</i>)	0.35–0.70
Primary	0.73 (<i><0.001</i>)	0.65–0.82	0.66 (<i><0.001</i>)	0.63–0.69	0.59 (0.001)	0.43–0.82
Secondary and above (ref.)	1		1		1	
Economic status						
Poor	0.70 (<i><0.001</i>)	0.62–0.80	0.57 (<i><0.001</i>)	0.54–0.60	0.54 (<i><0.001</i>)	0.42–0.68
Middle	0.84 (0.02)	0.72–0.97	0.43 (<i><0.001</i>)	0.41–0.45	0.59 (<i><0.001</i>)	0.46–0.76
Rich (ref.)	1		1		1	
Child nutritional status						
Severely malnourished	0.76 (0.02)	0.61–0.96	0.09 (<i><0.001</i>)	0.07–0.12	0.74 (0.39)	0.37–1.48
Moderately malnourished	0.91 (0.13)	0.81–1.03	0.80 (<i><0.001</i>)	0.72–0.89	0.75 (0.03)	0.58–0.98
Nourished (ref.)	1		1		1	
Reading children's books						
≥ 3	1.62 (<i><0.001</i>)	1.35–1.95	2.44 (<i><0.001</i>)	2.35–2.54	1.48 (0.03)	1.04–2.11
< 3 (ref.)	1		1		1	
Maternal functional difficulty						
Yes	0.64 (0.01)	0.46–0.91	0.61 (<i><0.001</i>)	0.58–0.65	0.47 (<i><0.001</i>)	0.35–0.64
No (ref.)	1		1		1	

CI = confidence interval; ECDI = Early Child Development Index; OR = odds ratio.