Supplementary Table S1. Sensitivity analyses of the multivariable logistic regression models: alternative estimation method (columns 1-5) and additional adjustment for preterm birth (columns 6-10)										
	MUAC-Z mal.	**WFH mal.**	**WAG mal.**	**WFH obese**	**BMI obese**	**MUAC-Z mal.**	**WFH mal.**	**WAG mal.**	**WFH obese**	**BMI obese**
CC Z-score (per 1 SD)	11.69 (4.78-28.56)	2.90 (1.53-5.48)	4.82 (2.62-8.86)	4.12 (2.22-7.65)	3.99 (2.35-6.78)	16.08 (6.03-42.84)	2.98 (1.57-5.67)	5.67 (2.9-10.85)	4.09 (2.20-7.58)	4.61 (2.60-8.19)
Male sex	2.05 (0.83-5.10)	1.16 (0.43-3.10)	1.89 (0.85-4.21)	0.29 (0.08-1.09)	0.32 (0.11-0.91)	2.24 (0.85-5.91)	1.14 (0.42-3.09)	1.99 (0.86-4.61)	0.29 (0.08-1.09)	0.28 (0.09-0.86)
Age (per month)	1.04 (1.00-1.07)	0.99 (0.96-1.03)	1.01 (0.98-1.04)	1.06 (1.01-1.11)	1.04 (1.00-1.07)	1.05 (1.01-1.09)	1.00 (0.96-1.04)	1.02 (0.99-1.05)	1.06 (1.01-1.11)	1.04 (1.00-1.08)
District setting	1.28 (0.48-3.41)	3.83 (1.18-12.45)	1.15 (0.49-2.72)	0.76 (0.22-2.61)	0.93 (0.35-2.47)	1.29 (0.46-3.60)	3.83 (1.16-12.65)	1.14 (0.47-2.78)	0.75 (0.22-2.63)	0.93 (0.33-2.59)
Maternal education ≥ secondary	1.10 (0.36-3.29)	3.00 (0.75-11.97)	1.05 (0.41-2.69)	2.28 (0.51-10.30)	1.45 (0.46-4.60)	0.97 (0.30-3.14)	2.76 (0.70-10.92)	1.00 (0.38-2.64)	2.13 (0.47-9.66)	1.52 (0.45-5.17)
Income below expenses	1.90 (0.73-4.95)	1.29 (0.40-4.15)	2.37 (1.01-5.56)	1.17 (0.30-4.52)	0.75 (0.23-2.40)	1.78 (0.64-4.94)	1.16 (0.35-3.81)	2.32 (0.95-5.66)	1.30 (0.33-5.13)	0.72 (0.21-2.53)
Breastfeeding (per month)	0.99 (0.94-1.05)	1.01 (0.94-1.08)	1.02 (0.97-1.07)	0.95 (0.88-1.03)	0.96 (0.91-1.02)	0.99 (0.93-1.06)	1.01 (0.95-1.09)	1.02 (0.97-1.08)	0.95 (0.88-1.02)	0.96 (0.90-1.02)
Preterm birth (<37 weeks)	–	–	–	–	–	3.02 (0.76-12.11)	3.04 (0.75-12.21)	2.37 (0.71-7.94)	0.43 (0.04-4.05)	0.56 (0.10-3.14)
Estimation	Firth	ML	Firth	ML	Firth	ML	ML	ML	ML	ML

Values are adjusted OR (95% CI). Columns 1-5: the estimation method alternative to that reported in Table 9 (Firth's penalised likelihood where Table 9 reports maximum likelihood, and vice versa). Columns 6-10: maximum-likelihood models including preterm birth as an additional covariate. The calf circumference (CC) Z-score is expressed per 1-SD decrease for malnutrition outcomes and per 1-SD increase for obesity outcomes. MUAC-Z mal.: Malnutrition according to MUAC Z-score, WFH mal./WAG mal.: Malnutrition according to WFH/WAG, ML: Maximum likelihood, CI: Confidence interval