

Additional File 1

Table S1 Association between birth seasons (pre-harvest vs post-harvest) and birth size

		25 th quantile (95% CI)	50 th quantile (95% CI)	70 th quantile (95% CI)	90 th quantile (95% CI)
Birth weight					
	Unadjusted	10 (-167.7 - 187.7)	-25 (-184.7 - 134.7)	-14 (-189.5 - 161.5)	350** (129.9 - 570.1)
	Adjusted	-126.0 (-321.6 - 69.58)	-113.0 (-354.5 - 128.6)	-159.4 (-377.5 - 58.65)	320.2 (-2.882 - 643.3)
Birth length					
	Unadjusted	0.3 (-0.4 - 1.0)	-0.2 (-0.9 - 0.5)	-0.2 (-1.5 - 1.1)	0.5 (-1.2 - 2.2)
	Adjusted	0.2 (-0.6 - 1.0)	-0.4 (-1.0 - 0.3)	-0.4 (-1.5 - 0.7)	0.0 (-1.9 - 2.0)
Head circumference					
	Unadjusted	0.3 (-0.2 - 0.8)	0.1 (-0.6 - 0.8)	0 (-0.8 - 0.8)	-0.1 (-0.8 - 0.6)
	Adjusted	-0.2 (-1.2 - 0.9)	-0.4 (-1.8 - 1.1)	-0.2 (-1.2 - 0.8)	0.0 (-0.9 - 1.0)
Abdominal circumference					
	Unadjusted	0.6* (0.1 - 1.1)	0.4 (0.0 - 0.8)	0.3 (-0.2 - 0.8)	-0.1 (-1.2 - 1.0)
	Adjusted	1.0** (0.4 - 1.6)	0.5 (-0.4 - 1.4)	0.8 (-0.1 - 1.7)	0.4 (-1.5 - 2.4)

Data is presented as quantile regression estimates and 95% confidence intervals (CI) of birth seasons for the 25th, 50th, 70th and 90th quantiles of birth outcomes (n=190). Adjusted for maternal age, household assets, maternal education (yes vs no), birth season, interview season, total duration of food poor season during pregnancy and maternal energy intake. * $P < 0.05$, ** $P < 0.01$.