

Webtable 6a. Glucose (log_e mmol/L) for males in four study sites, according to indicators of maternal and child undernutrition: regression analyses. No data available from South Africa.

Exposure	Brazil (Pelotas)		Guatemala (4 villages)		India (New Delhi)		Philippines (Cebu)	
	Coef(95% CI)	P	Coef(95% CI)	P	Coef(95% CI)	P	Coef(95% CI)	P
Maternal height (m)								
Crude	0.030 (-0.085; 0.145)	0.61	0.055 (-0.176; 0.286)	0.66	N/A		0.074 (-0.043; 0.192)	0.21
Adjusted 1	0.033 (-0.090; 0.157)	0.60	0.182 (-0.065; 0.428)	0.12	N/A		0.071 (-0.050; 0.191)	0.25
Adjusted 2	0.051 (-0.089; 0.190)	0.48	0.184 (-0.094; 0.462)	0.19	N/A		-0.019 (-0.155; 0.117)	0.78
Birthweight (kg)								
Crude	-0.001 (-0.015; 0.012)	0.87	-0.012 (-0.043; 0.020)	0.46	-0.017 (-0.048; 0.013)	0.26	0.004 (-0.009; 0.018)	0.53
Adjusted 1	-0.001 (-0.015; 0.013)	0.89	0.000 (-0.030; 0.032)	0.98	-0.018 (-0.049; 0.012)	0.24	0.004 (-0.009; 0.018)	0.57
Adjusted 2	-0.003 (-0.017; 0.011)	0.66	-0.001 (-0.036; 0.033)	0.93	-0.028 (-0.059; 0.002)	0.07	-0.002 (-0.016; 0.012)	0.81
IUGR								
Crude	-0.010 (-0.032; 0.012)	0.36	-0.011 (-0.049; 0.026)	0.55	-0.002 (-0.030; 0.026)	0.89	-0.003 (-0.017; 0.011)	0.69
Adjusted 1	-0.010 (-0.032; 0.012)	0.35	-0.030 (-0.070; 0.009)	0.13	-0.003 (-0.031; 0.025)	0.84	-0.003 (-0.017; 0.011)	0.69
Adjusted 2	-0.010 (-0.033; 0.012)	0.36	-0.033 (-0.073; 0.007)	0.11	-0.004 (-0.024; 0.032)	0.77	0.000 (-0.015; 0.014)	0.99
WAZ 2 years ^a								
Crude	-0.004 (-0.010; 0.002)	0.23	-0.014 (-0.030; 0.002)	0.08	0.010 (-0.003; 0.022)	0.12	0.003 (-0.003; 0.010)	0.29
Adjusted 1	-0.005 (-0.011; 0.002)	0.17	-0.007 (-0.024; 0.010)	0.39	0.014 (0.002; 0.027)	0.03	0.004 (-0.002; 0.010)	0.22
Adjusted 2	-0.010 (-0.017; -0.002)	0.01	-0.007 (-0.026; 0.011)	0.45	0.006 (-0.008; 0.021)	0.40	-0.002 (-0.009; 0.006)	0.68
HAZ 2 years ^a								
Crude	-0.003 (-0.009; 0.002)	0.27	-0.006 (-0.019; 0.007)	0.37	0.013 (0.001; 0.024)	0.03	0.005 (-0.000; 0.011)	0.06
Adjusted 1	-0.004 (-0.010; 0.002)	0.18	-0.002 (-0.015; 0.012)	0.81	0.015 (0.004; 0.026)	0.009	0.006 (-0.000; 0.011)	0.06
Adjusted 2	-0.008 (-0.015; -0.000)	0.05	-0.002 (-0.018; 0.014)	0.82	0.010 (-0.003; 0.024)	0.14	0.001 (-0.006; 0.008)	0.74
BAZ 2 years ^a								
Crude	-0.002 (-0.009; 0.005)	0.50	0.000 (-0.018; 0.018)	0.99	0.005 (-0.013; 0.013)	0.99	-0.001 (-0.008; 0.005)	0.65
Adjusted 1	-0.003 (-0.010; 0.004)	0.47	0.005 (-0.014; 0.024)	0.59	0.004 (-0.009; 0.017)	0.53	-0.001 (-0.007; 0.006)	0.83
Adjusted 2	-0.006 (-0.013; 0.001)	0.10	0.005 (-0.015; 0.024)	0.64	-0.001 (-0.014; 0.012)	0.88	-0.002 (-0.008; 0.004)	0.50

(a) Weight for age (WAZ), height for age (HAZ) and body mass index for age (BAZ) Z-scores according to the 2006 World Health Organization Standards.. Adjusted 1: adjusted for age, socioeconomic level at birth or childhood, maternal schooling. Additional adjustment for skin color in Brazil and South Africa Adjusted 2: adjusted for model 1 variables plus body mass index and height in adulthood.

Webtable 6b. Glucose (log_e mmol/L) for females in four study sites, according to indicators of maternal and child undernutrition: regression analyses. No data available from South Africa.

Exposure	Brazil (Pelotas)		Guatemala (4 villages)		India (New Delhi)		Philippines (Cebu)	
	Coef(95% CI)	P	Coef(95% CI)	P	Coef(95% CI)	P	Coef(95% CI)	P
Maternal height (m)								
Crude	0.041 (-0.075; 0.157)	0.49	0.013 (-0.311; 0.337)	0.94	N/A		-0.132(-0.264; -0.001)	0.05
Adjusted 1	0.066 (-0.058; 0.191)	0.30	0.082 (-0.267; 0.431)	0.64	N/A		-0.113 (-0.247; 0.021)	0.10
Adjusted 2	0.104 (-0.038; 0.246)	0.15	0.036 (-0.345; 0.418)	0.85	N/A		-0.109 (-0.258; 0.040)	0.15
Birthweight (kg)								
Crude	-0.007 (-0.020; 0.006)	0.30	-0.004 (-0.049; 0.041)	0.87	-0.005 (-0.039, 0.029)	0.78	-0.012 (-0.028; 0.004)	0.14
Adjusted 1	-0.007 (-0.021; 0.006)	0.29	-0.002 (-0.050; 0.045)	0.94	-0.005 (-0.039, 0.029)	0.77	-0.012 (-0.028; 0.004)	0.14
Adjusted 2	-0.010 (-0.024; 0.004)	0.15	-0.022 (-0.070; 0.026)	0.36	-0.018 (-0.054, 0.017)	0.32	-0.015 (-0.032; 0.002)	0.09
IUGR								
Crude	-0.004 (-0.027; 0.018)	0.72	-0.025 (-0.070; 0.019)	0.26	-0.007 (-0.021, 0.035)	0.62	-0.008 (-0.025; 0.009)	0.37
Adjusted 1	-0.004 (-0.027; 0.018)	0.71	-0.029 (-0.070; 0.017)	0.22	0.006 (-0.022, 0.035)	0.66	-0.007 (-0.024; 0.009)	0.39
Adjusted 2	-0.002 (-0.025; 0.020)	0.84	-0.019 (-0.065; 0.027)	0.41	0.014 (-0.015, 0.042)	0.36	-0.007 (-0.024; 0.011)	0.45
WAZ 2 years ^a								
Crude	-0.001 (-0.007; 0.006)	0.82	-0.010 (-0.025; 0.006)	0.22	-0.004 (-0.016, 0.008)	0.53	-0.003 (-0.009; 0.004)	0.38
Adjusted 1	0.000 (-0.006; 0.007)	0.92	-0.011 (-0.029; 0.006)	0.20	-0.004 (-0.016, 0.008)	0.52	-0.002 (-0.009; 0.005)	0.60
Adjusted 2	-0.003 (-0.011; 0.005)	0.48	-0.019 (-0.039; 0.000)	0.05	-0.016 (-0.031, -0.001)	0.03	-0.002 (-0.011; 0.006)	0.53
HAZ 2 years ^a								
Crude	-0.002 (-0.008; 0.004)	0.49	-0.010 (-0.026; 0.006)	0.22	0.005 (-0.006, 0.016)	0.39	-0.005 (-0.012; 0.001)	0.08
Adjusted 1	-0.001 (-0.007; 0.005)	0.72	-0.010 (-0.028; 0.008)	0.26	0.005 (-0.007, 0.017)	0.38	-0.005 (-0.011; 0.002)	0.16
Adjusted 2	-0.002 (-0.010; 0.006)	0.58	-0.016 (-0.038; 0.006)	0.15	-0.002 (-0.017, 0.013)	0.80	-0.005 (-0.013; 0.003)	0.23
BAZ 2 years ^a								
Crude	0.002 (-0.005; 0.009)	0.63	-0.010 (-0.027; 0.008)	0.29	-0.013 (-0.025, 0.000)	0.05	0.003 (-0.005; 0.010)	0.48
Adjusted 1	0.002 (-0.005; 0.009)	0.54	-0.010 (-0.029; 0.009)	0.29	-0.013 (-0.026, 0.000)	0.05	0.003 (-0.004; 0.011)	0.41
Adjusted 2	-0.001 (-0.009; 0.006)	0.72	-0.016 (-0.034; 0.003)	0.10	-0.018 (-0.031, -0.004)	0.009	-0.001 (-0.007; 0.009)	0.79

(a) Weight for age (WAZ), height for age (HAZ) and body mass index for age (BAZ) Z-scores according to the 2006 World Health Organization Standards..

Adjusted 1: adjusted for age, socioeconomic level at birth or childhood, maternal schooling. Additional adjustment for skin color in Brazil and South Africa

Adjusted 2: adjusted for model 1 variables plus body mass index and height in adulthood.