

Supplementary Material

Supplemental Table S1. Descriptive data for maternal fatty acid concentrations, Alberta, Canada, 2009-2012.

Fatty Acid Characteristics	Mean (SD, range)
C20:4n⁶ Fatty Acids (ug/mL) (n = 291)	116.1 (46.4; 24.0 – 284.3)
C20:5n³ Fatty Acids (ug/mL) (n = 291)	8.6 (7.3; 1.0 – 55.6)
C22:5n³ Fatty Acids (ug/mL) (n = 291)	7.5 (4.2; 1.2 – 23.8)
C22:6n³ Fatty Acids (ug/mL) (n = 291)	43.0 (25.3; 6.3 – 177.9)
Total Omega-6 Fatty Acids (ug/mL) (n = 291)	503.5 (158.1; 167.8 – 1095.72)
Total Omega-3 Fatty Acids (ug/mL) (n = 291)	71.6 (37.3; 13.6 – 279.1)
Total Long Chain (ug/mL) (n = 291)	292.1 (100.5; 78.8 – 643.8)

^a C20:4n₆ = arachidonic acid (ARA)

^b C20:5n₃ = eicosapentaenoic acid (EPA)

^c C22:5n₃ = docosapentaenoic acid (DPA)

^d C22:6n₃ = docosahexaenoic acid (DHA)

Supplemental Table S2. Correlation analyses for the fatty acids considered as covariates for the regression analyses, Alberta, Canada, 2009-2012.

	C20:4n6 Fatty Acids (ug/mL)	C20:5n3^b Fatty Acids (ug/mL)	C22:5n3^c Fatty Acids (ug/mL)	C22:6n3^d Fatty Acids (ug/mL)	Total Omega- 6 Fatty Acids (ug/mL)	Total Omega- 3 Fatty Acids (ug/mL)	Total Long Chain (ug/mL)
C20:5n3^b Fatty Acids (ug/mL)	0.41 (p<0.001)						
C22:5n3^c Fatty Acids (ug/mL)	0.77 (p<0.001)	0.70 (p<0.001)					
C22:6n3^d Fatty Acids (ug/mL)	0.83 (p<0.001)	0.68 (p<0.001)	0.88 (p<0.001)				
Total Omega- 6 Fatty Acids (ug/mL)	0.88 (p<0.001)	0.33 (p<0.001)	0.70 (p<0.001)	0.76 (p<0.001)			
Total Omega- 3 Fatty Acids (ug/mL)	0.80 (p<0.001)	0.76 (p<0.001)	0.92 (p<0.001)	0.98 (p<0.001)	0.76 (p<0.001)		
Total Long Chain (ug/mL)	0.90 (p<0.001)	0.51 (p<0.001)	0.79 (p<0.001)	0.85 (p<0.001)	0.85 (p<0.001)	0.84 (p<0.001)	

^a C20:4n6 = arachidonic acid (ARA)

^b C20:5n3 = eicosapentaenoic acid (EPA)

^c C22:5n3 = docosapentaenoic acid (DPA)

^d C22:6n3 = docosahexaenoic acid (DHA)

Supplemental Table S3. Point estimate E-values for the associations between the predictor variables and outcome variables at 3-5 years of age, Alberta, Canada, 2009-2017.

Predictors	Outcomes	Point Estimate E-Value
Maternal Folate Status		
	WPPSI-IV ^{CND} Fluid Reasoning Index (FRI)	1.12
	NEPSY-II Phonological Processing	1.31
	Dimensional Change Card Sort (DCCS)	2.44
Maternal Choline Status		
	NEPSY-II Speeded Naming	1.25
	Dimensional Change Card Sort (DCCS)	2.94
Folate X Choline		
	Dimensional Change Card Sort (DCCS)	3.90

Supplemental Table S4. Descriptive data for neurodevelopmental outcomes in children 3 to 5 years of age, Alberta, Canada, 2012-2017.

Neurodevelopmental Outcomes	Mean (SD; range); n (%)
Intelligence	
WPPSI-IV ^{CDN} Full Scale IQ (<i>n</i> = 306)	105.11 (13.19; 65 – 142)
WPPSI-IV ^{CDN} Verbal Comprehension Index (<i>n</i> = 308)	107.30 (13.25; 68 – 135)
WPPSI-IV ^{CDN} Visual Spatial Index (<i>n</i> = 305)	103.95 (14.29; 63 – 145)
WPPSI-IV ^{CDN} Fluid Reasoning Index (<i>n</i> = 196) ^b	99.65 (16.53; 63 – 136)
WPPSI-IV ^{CDN} Working Memory Index (<i>n</i> = 304)	105.82 (14.43; 50 – 146)
WPPSI-IV ^{CDN} Processing Speed Index (<i>n</i> = 194) ^b	100.31 (11.22; 66 – 133)
Language	
NEPSY-II Phonological Processing (<i>n</i> = 302)	10.23 (3.19; 1 – 17)
NEPSY-II Speeded Naming (<i>n</i> = 301)	12.06 (2.83; 2 – 19)
Memory	
NEPSY-II Memory for Designs (<i>n</i> = 301)	9.87 (2.82; 2 – 19)
NEPSY-II Narrative Memory (<i>n</i> = 299)	10.15 (2.98; 2 – 19)
NEPSY-II Sentence Repetition (<i>n</i> = 294)	11.04 (3.12; 1 – 19)

Motor	
MABC-2^c Total Test (<i>n</i> = 301)	9.51 (2.99; 3 – 19)
MABC-2 Manual Dexterity (<i>n</i> = 303)	8.72 (3.26; 1 – 18)
MABC-2 Aiming & Catching (<i>n</i> = 302)	9.63 (3.10; 2 – 19)
MABC-2 Balance Standard Score (<i>n</i> = 301)	10.62 (2.88; 5 – 18)
Executive Function	
NEPSY-II Statue (<i>n</i> = 294)	9.96 (3.30; 1 – 16)
Boy-Girl Stroop (<i>n</i> = 300)	10.94 (4.75; 0 – 16)
Spatial Span (<i>n</i> = 303)	2.70 (1.07; 0 – 6)
DCCS^d (<i>n</i> = 304)	
Pass	200 (65.79)
Fail	104 (34.21)

^aWPPSI-IV = Wechsler Preschool and Primary Scales of Intelligence - 4th Edition: Canadian

^bIncludes only children who are 4:0 to 4:11 years of age

^cMovement Assessment Battery for Children, Second Edition

^dDCCS = Dimensional Change Card Sort

Supplemental Table S5. Unadjusted regression models (95% confidence intervals, *p* values) for the associations between maternal prenatal folate, choline, maternal nutrients, and other covariates and WPPSI-IV^{CND} scores in children 3 to 5 years of age, Alberta, Canada, 2009-2017.

	Full Scale IQ	Verbal Comprehension Index	Visual Spatial Index	Fluid Reasoning Index	Working Memory Index	Processing Speed Index
	<i>β (95% CI)</i>	<i>β (95% CI)</i>	<i>β (95% CI)</i>	<i>β (95% CI)</i>	<i>β (95% CI)</i>	<i>β (95% CI)</i>
Maternal Folate Status	0.11 (-0.02, 0.23) ^b	0.04 (-0.08, 0.17)	0.12 (-0.01, 0.25) ^b	0.21 (0.04, 0.37) ^a	0.07 (-0.06, 0.20)	0.01 (-0.15, 0.16)
Maternal Choline Intake	-0.06 (-0.17, 0.06)	-0.03 (-0.14, 0.09)	-0.03 (-0.15, 0.09)	0.02 (-0.13, 0.17)	-0.06 (-0.18, 0.06)	-0.01 (-0.15, 0.13)
Maternal Nutrients						
Ferritin	-0.07 (-0.19, 0.06)	-0.04 (-0.17, 0.08)	0.04 (-0.09, 0.17)	-0.10 (-0.24, 0.07)	-0.03 (-0.16, 0.10)	-0.04 (-0.19, 0.11)
Vitamin B12	-0.03 (-0.16, 0.10)	-0.02 (-0.15, 0.10)	-0.08 (-0.21, 0.06)	-0.06 (-0.23, 0.11)	0.01 (-0.12, 0.15)	0.07 (-0.09, 0.23)
Hemoglobin	-0.06 (-0.18, 0.06)	-0.10(-0.23,0.02) ^b	0.03 (-0.10, 0.16)	-0.14(-0.31,0.02) ^b	-0.06 (-0.19, 0.07)	0.07 (-0.08, 0.23)

Omega-3 Fatty Acids	-0.02 (-0.15, 0.10)	0.02 (-0.11, 0.15)	0.01 (-0.12, 0.14)	-0.17(-0.30,0.01) ^b	0.06 (-0.07, 0.19)	-0.01(-0.15, 0.14)
Magnesium	0.01 (-0.12, 0.14)	0.08 (-0.04, 0.21) ^b	-0.12(-0.25,0.02) ^b	0.004(-0.17, 0.18)	-0.004(-0.14,0.13)	0.26 (0.09, 0.41) ^a
Copper	0.05 (-0.08, 0.19)	0.08 (-0.04, 0.23) ^b	0.04 (-0.10, 0.18)	0.04 (-0.15, 0.24)	0.09 (-0.05, 0.24) ^b	-0.01 (-0.20, 0.17)
Zinc	0.01 (-0.13, 0.14)	-0.03 (-0.17, 0.11)	0.03 (-0.11, 0.18)	-0.01 (-0.20, 0.19)	0.06 (-0.09, 0.20)	-0.18(-0.38,0.02) ^a
Selenium	0.12 (-0.02, 0.27) ^b	0.17 (0.03, 0.32) ^a	0.10 (-0.04, 0.25) ^b	0.03 (-0.18, 0.24)	-0.07 (-0.23, 0.07)	-0.17 (0.39,0.01) ^b
Other Covariates						
Race and Ethnicity^c	0.01 (-0.13, 0.15)	-0.06 (-0.21, 0.07)	-0.03 (-0.17, 0.12)	0.10 (-0.08, 0.28)	-0.08 (-0.22, 0.06)	-0.04 (-0.20, 0.13)
Education^d	0.15 (0.02, 0.27) ^a	0.16 (0.04, 0.29) ^a	0.11 (-0.02, 0.23) ^b	0.12 (-0.05, 0.27) ^a	0.01 (-0.12, 0.14)	0.03 (-0.12, 0.18)
Income^e	0.18 (0.06, 0.29) ^a	0.22 (0.09, 0.33) ^a	0.14 (0.01, 0.26) ^a	0.10 (-0.06, 0.24)	0.09 (-0.04, 0.21) ^b	0.25 (0.09, 0.37) ^a
Parity^f	0.07 (-0.06, 0.21)	0.03 (-0.10, 0.17)	0.03 (-0.11, 0.17)	-0.001(-0.18,0.18)	0.11 (-0.03, 0.25) ^b	0.13 (-0.04, 0.30) ^b
Delivery Mode^g	-0.02 (-0.14, 0.10)	-0.08(-0.20,0.04) ^b	0.01 (-0.12, 0.13)	-0.02 (-0.18, 0.14)	0.06 (-0.07, 0.18)	0.07 (-0.08, 0.22)
Child Birthweight	0.01 (-0.12, 0.14)	-0.03 (-0.16, 0.10)	-0.01 (-0.15, 0.12)	0.07 (-0.11, 0.24)	-0.04 (-0.17, 0.10)	0.02 (-0.14, 0.18)
Maternal Age at Birth	-0.06 (-0.20, 0.07)	-0.07 (-0.20, 0.07)	0.02 (-0.12, 0.16)	-0.02 (-0.19, 0.16)	-0.03 (-0.17, 0.12)	-0.10 (-0.26, 0.07)
Pre-Pregnancy	-0.20(-0.34,0.08) ^a	-0.16(-0.30,-0.04) ^a	-0.17(-0.32,0.04) ^a	-0.12(-0.29,0.05) ^b	-0.22(-0.37, -.09) ^a	-0.16(-0.31, .00) ^b

BMI^h

Child Sexⁱ	0.10 (-0.02, 0.22) ^b	0.11 (-0.01, 0.24) ^b	0.06 (-0.06, 0.19)	0.09 (-0.08, 0.25)	0.10 (-0.02, 0.23) ^b	0.28 (0.12, 0.43) ^a
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^a $p \leq 0.05$

^b $p \leq 0.20$

^cWhite as reference group

^dLess than high school diploma/completed high school diploma/trade/technical as reference group

^eIncome < \$70K as reference group

^fNo prior children as reference group

^gVaginal delivery as reference group

^hBMI = Body Mass Index

ⁱMale as reference group

Supplemental Table S6. Unadjusted regression models (95% confidence intervals, *p* values) for the associations between maternal prenatal folate, choline, maternal nutrients, and other covariates, and language and memory scores on the NEPSY-II in children 3 to 5 years of age, Alberta, Canada, 2009-2017.

	Phonological Processing	Speeded Naming	Memory for Designs	Narrative Memory	Sentence Repetition
	<i>β</i> (95% CI)	<i>β</i> (95% CI)	<i>β</i> (95% CI)	<i>β</i> (95% CI)	<i>β</i> (95% CI)
Maternal Folate Status	0.20 (0.07, 0.33) ^a	0.08 (-0.05, 0.21)	0.13 (-0.002, 0.27) ^b	0.05 (-0.09, 0.19)	0.01 (-0.12, 0.14)
Maternal Choline Intake	0.003 (-0.12, 0.13)	-0.13 (-0.25, -0.01) ^a	-0.11 (-0.24, 0.02) ^b	-0.04 (-0.17, 0.08)	-0.02 (-0.14, 0.11)
Maternal Nutrients					
Ferritin	-0.04 (-0.17, 0.09)	-0.01 (-0.14, 0.12)	-0.02 (-0.16, 0.12)	-0.03 (-0.17, 0.11)	-0.03 (-0.16, 0.11)
Vitamin B12	0.01 (-0.13, 0.14)	0.09 (-0.04, 0.23) ^b	-0.02 (-0.16, 0.12)	<0.00 (-0.14, 0.14)	0.06 (-0.08, 0.20)
Hemoglobin	-0.01 (-0.14, 0.12)	0.004 (-0.13, 0.13)	<0.00 (-0.14, 0.13)	-0.08 (-0.22, 0.05)	-0.01 (-0.14, 0.13)
Omega-3 Fatty Acids	-0.06 (-0.19, 0.07)	0.01 (-0.12, 0.14)	-0.04 (-0.18, 0.10)	0.03 (-0.11, 0.17)	-0.003 (-0.14, 0.13)
Magnesium	0.01 (-0.12, 0.14)	0.002 (-0.13, 0.14)	0.02 (-0.12, 0.16)	-0.05 (-0.19, 0.09)	0.11 (-0.03, 0.24) ^b

Copper	0.05 (-0.09, 0.19)	0.06 (-0.07, 0.21)	0.08 (-0.06, 0.24)	0.07 (-0.07, 0.22)	0.04 (-0.10, 0.19)
Zinc	0.08 (-0.07, 0.22)	-0.04 (-0.19, 0.10)	0.06 (-0.08, 0.22)	-0.01 (-0.16, 0.14)	-0.02 (-0.17, 0.12)
Selenium	-0.01 (-0.16, 0.14)	0.09 (-0.06, 0.24)	-0.12 (-0.28, 0.03) ^b	0.05 (-0.11, 0.21)	-0.003 (-0.16, 0.15)
Other Covariates					
Race and Ethnicity^c	0.01 (-0.13, 0.16)	0.10 (-0.04, 0.25) ^b	0.05 (-0.09, 0.21)	-0.03 (-0.18, 0.12)	-0.08 (-0.24, 0.06)
Education^d	0.11 (-0.02, 0.24) ^b	0.12 (-0.01, 0.24) ^b	0.05 (-0.08, 0.19)	0.05 (-0.08, 0.19)	0.07 (-0.06, 0.20)
Income^e	0.04 (-0.08, 0.16)	0.17 (0.04, 0.29) ^a	0.04 (-0.09, 0.17)	0.14 (0.02, 0.28) ^a	0.12 (-0.01, 0.25) ^b
Parity^f	0.02 (-0.12, 0.16)	-0.01 (-0.15, 0.13)	0.04 (-0.11, 0.18)	0.18 (0.04, 0.34) ^a	0.12 (-0.02, 0.27) ^b
Delivery Mode^g	<0.000 (-0.13, 0.13)	-0.03 (-0.16, 0.10)	-0.13 (-0.27, -0.003) ^a	-0.04 (-0.17, 0.10)	-0.08 (-0.22, 0.04) ^b
Child Birthweight	0.13 (-0.01, 0.26) ^b	0.03 (-0.10, 0.17)	-0.08 (-0.22, 0.06)	-0.02 (-0.16, 0.12)	0.07 (-0.07, 0.21)
Maternal Age at Birth	0.001 (-0.14, 0.14)	-0.01 (-0.16, 0.12)	-0.05 (-0.20, 0.09)	-0.08 (-0.23, 0.07)	-0.10 (-0.25, 0.04) ^b
Birth					
Pre-Pregnancy BMI^h	-0.10 (-0.24, 0.04) ^b	-0.02 (-0.16, 0.12)	-0.11 (-0.27, 0.02) ^b	-0.10 (-0.26, 0.03) ^b	-0.13 (-0.28, <0.00) ^a
Child Sexⁱ	0.17 (0.04, 0.30) ^a	0.11 (-0.02, 0.24) ^b	-0.004 (-0.14, 0.13)	0.03 (-0.11, 0.16)	0.21 (0.08, 0.34) ^a

^a $p \leq 0.05$

^b $p \leq 0.20$

^cWhite as reference group

^dLess than high school diploma/completed high school diploma/trade/technical as reference group

^eIncome < \$70K as reference group

^fNo prior children as reference group

^gVaginal delivery as reference group

^hBMI = Body Mass Index

ⁱMale as reference group

Supplemental Table S7. Unadjusted regression models (95% confidence intervals, *p* values) for the associations between maternal prenatal folate, choline maternal nutrients, and other covariates, and executive functioning tasks in children 3 to 4 years of age, Alberta, Canada, 2009-2017.

	NEPSY-II Statue	Boy Girl Stroop	Spatial Span	DCCS^c
	<i>β</i> (95% CI)	<i>β</i> (95% CI)	<i>β</i> (95% CI)	<i>OR</i> (95% CI)
Maternal Folate Status	0.11 (-0.02, 0.23) ^b	-0.03 (-0.16, 0.10)	0.06 (-0.07, 0.18)	0.90 (0.66, 1.23)
Maternal Choline Intake	0.06 (-0.06, 0.18)	0.01 (-0.11, 0.13)	-0.11 (-0.21, 0.02) ^b	0.90 (0.67, 1.19)
Maternal Nutrients				
Ferritin	-0.01 (-0.13, 0.11)	0.08 (-0.06, 0.20)	0.03 (-0.10, 0.15)	1.11 (0.81, 1.54)
Vitamin B12	0.13 (0.004, 0.26) ^a	0.04 (-0.09, 0.17)	-0.01, (-0.14, 0.12)	1.07 (0.79, 1.45)
Hemoglobin	-0.17 (-0.29, -0.05) ^a	-0.12 (-0.25, 0.001) ^b	-0.04 (-0.16, 0.09)	0.85 (0.63, 1.15)
Omega-3 Fatty Acids	-0.04 (-0.17, 0.08)	0.08 (-0.04, 0.21) ^b	-0.01 (-0.14, 0.11)	0.93 (0.69, 1.27)
Magnesium	0.16 (0.03, 0.28) ^a	0.01 (-0.12, 0.14)	0.10 (-0.04, 0.22) ^b	1.19 (0.88, 1.61)
Copper	0.18 (0.05, 0.32) ^a	0.16 (0.04, 0.32) ^a	0.06 (-0.07, 0.20)	0.99 (0.72, 1.37)
Zinc	0.01 (-0.13, 0.14)	0.06 (-0.08, 0.20)	-0.04 (-0.17, 0.10)	0.82 (0.59, 1.41)
Selenium	0.07 (-0.07, 0.23)	-0.01 (-0.15, 0.14)	0.14 (-0.002, 0.28) ^b	0.86 (0.61, 1.21)
Other Covariates				

Ethnicity^d	-0.18 (-0.32, -0.04) ^a	-0.06 (-0.20, 0.07)	0.01 (-0.13, 0.14)	0.97 (0.69, 1.46)
Education^e	0.004 (-0.12, 0.12)	0.06 (-0.06, 0.19)	0.04 (-0.09, 0.16)	1.05 (0.78, 1.42)
Income^f	0.14 (0.02, 0.24) ^a	0.07 (-0.05, 0.19)	0.08 (-0.05, 0.19)	1.27 (0.95, 1.68) ^b
Parity^g	0.14 (0.01, 0.27) ^a	0.09 (-0.04, 0.23) \ ^b	0.04 (-0.10, 0.17)	1.64 (1.17, 2.29) ^b
Delivery Mode^h	0.11 (-0.01, 0.23) ^b	-0.06 (-0.18, 0.07)	-0.10 (-0.22, 0.02) ^b	0.86 (0.64, 1.16)
Child Birthweight	-0.001 (-0.12, 0.12)	-0.04 (-0.18, 0.08)	0.11 (-0.02, 0.23) ^b	1.11 (0.81, 1.52)
Maternal Age at Birth	-0.08 (-0.21, 0.06)	-0.08 (-0.22, 0.06)	-0.003 (-0.14, 0.13)	0.90 (0.65, 1.26)
Pre-Pregnancy BMIⁱ	-0.12 (-0.25, 0.01) ^b	-0.19 (-0.33, -0.06) ^a	-0.11 (-0.24, 0.02) ^b	0.75 (0.55, 1.03) ^b
Child Age	—	0.36 (0.24, 0.49) ^a	0.18 (0.05, 0.29) ^a	1.96 (1.44, 2.67) ^a
Child Sex^j	0.17 (0.04, 0.28) ^a	0.02 (-0.11, 0.14)	0.04 (-0.08, 0.16)	1.24 (0.92, 1.66) ^b

^a $p \leq 0.05$

^b $p \leq 0.20$

^cDCCS = Dimensional Change Card Sort

^dWhite as reference group

^eLess than high school diploma/completed high school diploma/trade/technical as reference group

^fIncome < \$70K as reference group

^gNo prior children as reference group

^hVaginal delivery as reference group

ⁱBMI = Body Mass Index

^jMale as reference group

Supplemental Table S8. Unadjusted regression models (95% confidence intervals, *p* values) for the associations between maternal prenatal folate and choline and motor measures on the MABC-2 in children 3 to 4 years of age, Alberta, Canada, 2009-2017

	Total Score	Manual Dexterity	Aiming and Catching	Balance
	<i>β</i> (95% CI)	<i>β</i> (95% CI)	<i>β</i> (95% CI)	<i>β</i> (95% CI)
Predictors				
Maternal Folate Status	0.04 (-0.10, 0.17)	0.02 (-0.11, 0.14)	0.03 (-0.11, 0.17)	0.07 (-0.07, 0.21)
Maternal Choline Intake	-0.01 (-0.14, 0.11)	-0.03 (-0.14, 0.10)	0.02 (-0.11, 0.15)	-0.04 (-0.17, 0.09)
Maternal Nutrients				
Ferritin	-0.004 (-0.14, 0.13)	-0.06 (-0.18, 0.07)	-0.02 (-0.16, 0.12)	0.06 (-0.08, 0.20)
Vitamin B12	-0.02 (-0.15, 0.12)	-0.04 (-0.17, 0.09)	0.01 (-0.13, 0.16)	-0.02 (-0.16, 0.12)
Hemoglobin	-0.04 (-0.17, 0.09)	-0.05 (-0.18, 0.07)	0.02 (-0.11, 0.16)	-0.04 (-0.18, 0.09)
Omega-3 Fatty Acids	0.001 (-0.14, 0.14)	0.04 (-0.09, 0.17)	0.005 (-0.14, 0.15)	-0.03 (-0.17, 0.11)
Magnesium	0.02 (-0.12, 0.15)	0.03 (-0.10, 0.16)	-0.07 (-0.21, 0.07)	0.10 (-0.04, 0.24) ^b
Copper	0.07 (-0.06, 0.23)	0.06 (-0.07, 0.21)	0.002 (-0.15, 0.15)	0.12 (-0.01, 0.29) ^b
Zinc	-0.07 (-0.22, 0.08)	-0.10 (-0.25, 0.03) ^b	-0.04 (-0.20, 0.11)	-0.01 (-0.16, 0.14)
Selenium	0.07 (-0.08, 0.23)	0.07 (-0.08, 0.21)	0.11 (-0.04, 0.28) ^b	-0.07 (-0.24, 0.08)
Other Covariates				

Race and Ethnicity^c	-0.02 (-0.17, 0.13)	-0.05 (-0.19, 0.09)	0.08 (-0.07, 0.23)	-0.06 (-0.21, 0.08)
Education^d	-0.05 (-0.18, 0.08)	0.01 (-0.11, 0.14)	-0.04 (-0.18, 0.10)	-0.05 (-0.19, 0.09)
Income^e	0.10 (-0.03, 0.22) ^b	0.12 (-0.00, 0.24) ^b	-0.04 (-0.17, 0.09)	0.11 (-0.02, 0.24) ^b
Parity^f	-0.09 (-0.23, 0.06)	0.01 (-0.13, 0.15)	-0.10 (-0.25, 0.04) ^b	-0.10 (-0.25, 0.05) ^b
Delivery Mode^g	0.03 (-0.10, 0.16)	0.06 (-0.07, 0.18)	0.04 (-0.10, 0.18)	-0.06 (-0.20, 0.07)
Child Birthweight	0.05 (-0.09, 0.19)	0.01 (-0.12, 0.14)	0.08 (-0.06, 0.22)	-0.02 (-0.16, 0.12)
Maternal Age at Birth	0.00 (-0.14, 0.14)	0.01 (-0.12, 0.15)	0.00 (-0.15, 0.15)	0.02 (-0.12, 0.17)
Pre-Pregnancy BMI^h	-0.14 (-0.30, -0.01) ^a	-0.16 (-0.31, -0.03) ^a	-0.12 (-0.27, 0.02) ^b	-0.10 (-0.26, 0.04) ^b
Child Sexⁱ	0.18 (0.05, 0.32) ^a	0.24 (0.11, 0.36) ^a	0.02 (-0.12, 0.16)	0.10 (-0.03, 0.24) ^b

^a $p \leq 0.05$

^b $p \leq 0.20$

^cWhite as reference group

^dLess than high school diploma/completed high school diploma/trade/technical as reference group

^eIncome < \$70K as reference group

^fNo prior children as reference group

^gVaginal delivery as reference group

^hBMI = Body Mass Index

ⁱMale as reference group

Supplemental Figure S1. Flowchart of participants included in the study

