

Supplementary

Maternal Diet Influences Fetal Growth but Not Fetal Kidney Volume in an Australian Indigenous Pregnancy Cohort

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Table S1. Association between maternal dietary intake and fetal and birth weight.

	EFW (g) ¹			Birth Weight (g) ²		
	n	Coefficient	95% CI	n	Coefficient	95% CI
Micronutrients						
Thiamin (mg)	96	10.9	-70.8, 92.5	96	51.2	-113, 215
Riboflavin (mg)	96	-13.6	-68.3, 41.2	96	14.7	-96.9, 126
Niacin eq (mg)	96	-2.53	-8.73, 3.67	96	-1.01	-13.7, 11.7
Vitamin C (mg)	96	-0.18	-0.63, 0.27	96	-0.04	-0.97, 0.9
Magnesium (mg)	96	-0.07	-0.54, 0.4	96	0.1	-0.85, 1.05
Phosphorus (mg)	96	-0.02	-0.11, 0.07	96	0.02	-0.16, 0.2
Macronutrients						
Total Fat (g)	96	-0.59	-1.98, 0.79	96	-0.28	-3.1, 2.55
Sat Fat (g)	96	-1.12	-4.07, 1.83	96	-0.1	-6.13, 5.92

EFW: estimated fetal weight. CI: confidence interval.

¹ Adjusted for smoking, gestational age in days (at ultrasound), Pre-pregnancy Body Mass Index.

² Adjusted for smoking, gestational age in days (at delivery), Pre-pregnancy Body Mass Index.

Table S2. Association between maternal dietary intake and fetal kidney volume in the 3rd trimester.

	Combined kidney volume (cm ³) ¹			Combined kidney volume: EFW (cm ³ /kg) ²		
	n	Coefficient	95% CI	n	Coefficient	95% CI
Micronutrients						
Thiamin (mg)	97	-0.57	-2.0, 0.86	97	-0.08	-0.7, 0.56
Riboflavin (mg)	97	-0.56	-1.53, 0.41	97	-0.2	-0.63, 0.23
Niacin eq (mg)	97	-0.02	-0.08, 0.04	97	-0.01	-0.06, 0.04
Vitamin C (mg)	97	0.002	-0.01, 0.01	97	0.002	-0.002, 0.005
Magnesium (mg)	97	-0.004	-0.01, 0.004	97	-0.001	-0.005, 0.002
Phosphorus (mg)	97	-0.001	-0.002, 0.001	97	-0.0002	-0.001, 0.001
Macronutrients						
Total Fat (g)	97	-0.01	-0.03, 0.01	97	-0.003	-0.01, 0.01
Sat Fat (g)	97	-0.02	-0.07, 0.03	97	-0.01	-0.03, 0.02

EFW: estimated fetal weight. CI: confidence interval.

¹ Adjusted for EFW (kg) and smoking.

² Adjusted for smoking.