

Supplementary Table S1 Associations of childhood obesity with menstrual irregularity in adulthood in the Childhood Determinants of Adult Health Study and the Babies substudy of the Bogalusa Heart Study.^a

Childhood obesity	CDAH				BBS			
	Unadjusted model (n = 1010)		Model I (n = 1010)		Unadjusted model (n = 1238)		Model I ^b (n = 1238)	
	RR	95% CI	RR	95% CI	RR	95% CI	RR	95% CI
BMI z-score	1.09	0.91–1.31	1.13	0.93–1.36	1.09	0.99–1.20	1.10	0.99–1.21
BMI category								
Normal	Ref.	—	Ref.	—	Ref.	—	Ref.	—
Overweight	1.45	0.96–2.20	1.54	1.01–2.33	1.03	0.85–1.26	1.04	0.85–1.27
Obese	2.14	1.28–3.56	2.23	1.31–3.81	1.38	1.06–1.81	1.38	1.05–1.83

Model I: adjust for childhood age, age at menarche, highest parental education and own-education.

^aUse definition of US Centres for Disease Control and Prevention (CDC) growth reference to calculate BMI z-score and to classify childhood weight status of overweight and obesity.

^bModel I further adjust for race in the Babies substudy of Bogalusa Heart Study (BBS).

CDAH: Childhood Determinants of Adult Health Study, RR: relative risk.