

**Supplementary Table SV** Associations of adiposity in childhood with menstrual irregularity in adulthood in BBS in women under aged 40 years at follow-up.

Childhood adiposity	BBS					
	Unadjusted model			Model I <sup>a</sup>		
	(n = 431)		P value	(n = 431)		P value
	RR	95% CI		RR	95% CI	
BMI z-score	1.10	0.96–1.27	0.166	1.09	0.94–1.27	0.237
BMI category						
Normal	Ref.	—	—	Ref.	—	—
Overweight	1.03	0.70–1.53	0.873	1.03	0.70–1.52	0.874
Obese	1.51	0.97–2.36	0.070	1.50	0.94–2.41	0.090
WHtR, per 0.01 unit <sup>b</sup>	1.03	1.00–1.06	0.075	1.03	0.99–1.06	0.124
WHtR category <sup>b</sup>						
<0.5	Ref.	—	—	Ref.	—	—
≥0.5	1.60	1.05–2.43	0.028	1.55	0.99–2.41	0.055

<sup>a</sup>Model I: adjust for childhood age, age at menarche, race, highest parental education and own-education

<sup>b</sup>n = 291

WHtR, waist/height ratio