

Supplementary Table SII Results of mediation analysis using Paramed to examine indirect effects of childhood overweight/obese status on association of prenatal biomarkers (dichotomized as high versus low) on pubertal outcomes.

	Natural direct effect		Natural indirect effect		Total effect	
	β (95% CI)	P-value	β (95% CI)	P-value	β (95% CI)	P-value
Girls—breast development						
MEP	0.05 (−0.31, 0.42)	0.77	−0.07 (−0.16, 0.02)	0.11	−0.02 (−0.40, 0.36)	0.92
MBP	−0.07 (−0.42, 0.28)	0.70	−0.03 (−0.10, 0.03)	0.33	−0.10 (−0.46, 0.26)	0.57
MiBP	0.16 (−0.20, 0.52)	0.39	0.02 (−0.06, 0.11)	0.60	0.18 (−0.20, 0.57)	0.36
Triclosan	−0.18 (−0.54, 0.19)	0.35	0.01 (−0.04, 0.06)	0.74	−0.17 (−0.53, 0.20)	0.37
Benzophenone-3	0.01 (−0.35, 0.37)	0.96	−0.01 (−0.09, 0.06)	0.72	0.00 (−0.37, 0.37)	0.99
Methyl paraben	0.04 (−0.33, 0.40)	0.85	−0.03 (−0.09, 0.03)	0.29	0.00 (−0.37, 0.37)	0.99
Propyl paraben	−0.16 (−0.52, 0.20)	0.39	−0.03 (−0.08, 0.03)	0.36	−0.18 (−0.54, 0.17)	0.31
2,4-dichlorophenol	−0.27 (−0.63, 0.09)	0.14	−0.02 (−0.07, 0.04)	0.51	−0.29 (−0.64, 0.07)	0.11
2,5-dichlorophenol	−0.06 (−0.41, 0.30)	0.74	−0.02 (−0.08, 0.04)	0.50	−0.08 (−0.44, 0.27)	0.66
Girls—pubic hair						
MEP	−0.33 (−0.70, 0.03)	0.07	−0.03 (−0.09, 0.04)	0.42	−0.36 (−0.73, 0.01)	0.06
MBP	0.07 (−0.29, 0.43)	0.69	−0.01 (−0.04, 0.03)	0.61	0.06 (−0.30, 0.42)	0.73
MiBP	−0.15 (−0.51, 0.21)	0.42	0.02 (−0.05, 0.09)	0.61	−0.13 (−0.51, 0.25)	0.50
Triclosan	−0.18 (−0.55, 0.19)	0.33	0.00 (−0.01, 0.02)	0.78	−0.18 (−0.55, 0.19)	0.34
Benzophenone-3	0.33 (−0.02, 0.69)	0.07	−0.01 (−0.06, 0.04)	0.72	0.33 (−0.03, 0.68)	0.08
Methyl paraben	0.34 (−0.02, 0.70)	0.06	−0.02 (−0.08, 0.03)	0.42	0.32 (−0.05, 0.68)	0.09
Propyl paraben	0.14 (−0.22, 0.49)	0.45	−0.02 (−0.06, 0.03)	0.41	0.12 (−0.24, 0.48)	0.52
2,4-dichlorophenol	0.04 (−0.31, 0.40)	0.81	−0.01 (−0.06, 0.03)	0.53	0.03 (−0.33, 0.39)	0.87
2,5-dichlorophenol	0.06 (−0.29, 0.42)	0.73	−0.01 (−0.06, 0.03)	0.53	0.05 (−0.30, 0.40)	0.78
Girls—menarche						
MEP	0.12 (−0.16, 0.40)	0.38	−0.06 (−0.13, 0.01)	0.11	0.07 (−0.23, 0.36)	0.66
MBP	0.07 (−0.20, 0.35)	0.60	−0.02 (−0.06, 0.02)	0.37	0.05 (−0.22, 0.33)	0.71
MiBP	0.17 (−0.11, 0.45)	0.24	0.01 (−0.04, 0.07)	0.61	0.18 (−0.11, 0.48)	0.23
Triclosan	−0.24 (−0.53, 0.05)	0.10	0.00 (−0.02, 0.02)	0.75	−0.24 (−0.53, 0.05)	0.10
Benzophenone-3	0.14 (−0.14, 0.41)	0.34	−0.01 (−0.05, 0.04)	0.72	0.13 (−0.15, 0.41)	0.37
Methyl paraben	0.00 (−0.29, 0.28)	0.98	−0.01 (−0.05, 0.03)	0.52	−0.02 (−0.30, 0.27)	0.91
Propyl paraben	−0.12 (−0.41, 0.16)	0.40	−0.01 (−0.03, 0.02)	0.57	−0.13 (−0.41, 0.15)	0.36
2,4-dichlorophenol	−0.15 (−0.42, 0.13)	0.29	−0.02 (−0.08, 0.04)	0.50	−0.17 (−0.46, 0.12)	0.26
2,5-dichlorophenol	−0.12 (−0.40, 0.15)	0.37	−0.01 (−0.06, 0.03)	0.51	−0.14 (−0.41, 0.14)	0.32
Boys—genital						
MEP	−0.30 (−0.74, 0.13)	0.17	0.07 (−0.02, 0.16)	0.15	−0.24 (−0.70, 0.23)	0.32
MBP	−0.04 (−0.50, 0.41)	0.85	0.01 (−0.03, 0.05)	0.63	−0.03 (−0.49, 0.42)	0.88
MiBP	−0.36 (−0.78, 0.06)	0.09	−0.01 (−0.06, 0.03)	0.62	−0.37 (−0.80, 0.05)	0.08
Triclosan	−0.40 (−0.87, 0.07)	0.10	−0.02 (−0.14, 0.10)	0.73	−0.42 (−0.97, 0.13)	0.13
Benzophenone-3	−0.03 (−0.48, 0.41)	0.88	0.04 (−0.03, 0.11)	0.27	0.01 (−0.45, 0.46)	0.98
Methyl paraben	−0.14 (−0.55, 0.28)	0.52	0.01 (−0.03, 0.04)	0.73	−0.13 (−0.55, 0.29)	0.54
Propyl paraben	−0.14 (−0.57, 0.30)	0.53	0.03 (−0.03, 0.09)	0.38	−0.11 (−0.56, 0.34)	0.62
2,4-dichlorophenol	0.00 (−0.43, 0.43)	0.99	0.02 (−0.05, 0.09)	0.51	0.02 (−0.43, 0.47)	0.93
2,5-dichlorophenol	0.09 (−0.33, 0.51)	0.68	0.02 (−0.03, 0.07)	0.52	0.11 (−0.33, 0.54)	0.63
Boys—pubic hair						
MEP	0.05 (−0.33, 0.43)	0.79	0.00 (−0.06, 0.06)	0.98	0.05 (−0.34, 0.45)	0.79
MBP	0.12 (−0.25, 0.49)	0.52	0.01 (−0.02, 0.04)	0.66	0.13 (−0.25, 0.50)	0.50
MiBP	0.11 (−0.25, 0.48)	0.55	0.00 (−0.02, 0.03)	0.67	0.12 (−0.25, 0.49)	0.53
Triclosan	−0.04 (−0.39, 0.32)	0.84	0.00 (−0.01, 0.01)	0.84	−0.03 (−0.39, 0.32)	0.85

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Supplementary Table SII *Continued*

	Natural direct effect		Natural indirect effect		Total effect	
	β (95% CI)	P-value	β (95% CI)	P-value	β (95% CI)	P-value
Benzophenone-3	-0.22 (-0.58, 0.14)	0.23	0.00 (-0.01, 0.01)	0.93	-0.22 (-0.58, 0.14)	0.23
Methyl paraben	-0.13 (-0.51, 0.24)	0.48	0.01 (-0.03, 0.06)	0.65	-0.12 (-0.51, 0.26)	0.52
Propyl paraben	-0.15 (-0.51, 0.21)	0.41	0.00 (-0.03, 0.03)	0.87	-0.15 (-0.51, 0.21)	0.42
2,4-dichlorophenol	-0.11 (-0.46, 0.24)	0.53	0.01 (-0.02, 0.04)	0.56	-0.10 (-0.46, 0.26)	0.58
2,5-dichlorophenol	-0.12 (-0.48, 0.23)	0.49	0.01 (-0.03, 0.05)	0.53	-0.11 (-0.48, 0.25)	0.55