

Supplementary Table SII Effect modification of age for the association between specific gravity adjusted urinary bisphenol A concentrations and endometrial wall thickness^a per initiated cycle among 256 women in the Environment and Reproductive Health Study (EARTH) contributing to 375 IVF cycles.

Urinary BPA concentrations ($\mu\text{g/l}$)	Endometrial wall thickness, mm	
	<37 years old	≥ 37 years old
Q1 [$< \text{LOD} - 0.96$]	9.8 (9.2, 10.3)	10.2 (9.5, 10.8)
Q2 [0.97–1.37]	9.9 (9.3, 10.4)	10.7 (10.0, 11.4)
Q3 [1.38–2.20]	10.9 (10.3, 11.4)	10.3 (9.5, 11.0)
Q4 [2.24–16.55]	10.5 (10.0, 11.1)	9.6 (8.9, 10.3)
<i>P</i> , trend ^b	0.06	0.08
<i>P</i> , interaction		0.02

^aData are presented as predicted marginal means (95% CI) adjusted for BMI (continuous), smoking status (never and ever), race (white and others) and infertility diagnosis (male, female and unexplained). LOD = 0.4 $\mu\text{g/l}$.

^bTests for trend were performed using the median concentration of urinary bisphenol A in each group as a continuous variable in the model.