Supplementary Table SII Mean antral follicle count (AFC) by quartile of urinary $\sum$DEHP and DEHP metabolite concentrations stratified by age (<37 versus ≥37) among 215 women with AFC measurements in the Environment and Reproductive Health Study (EARTH).

Metabolite	Mean AFC (95% CI) <37 years (n = 118)[1]	Difference in mean AFC	% Change (95% CI)	P-value[2]	Mean AFC (95% CI) ≥37 years (n = 97)[1]	Difference in mean AFC	% Change (95% CI)	P-value
$\sum$DEHP (µmol/l)								
Q1 (0.02−0.09)	15.8 (14.4, 17.4)	0 (ref)	−	−	12.2 (10.9, 13.7)	0 (ref)	−	−
Q2 (0.10−0.21)	11.9 (10.7, 13.2)	−3.9	−25% (−35, −13)	<0.0001	9.2 (8.1, 10.5)	−3.0	−25% (−36, −11)	0.001
Q3 (0.21−0.44)	12.8 (11.5, 14.3)	−3.0	−19% (−30, −6)	0.005	10.3 (9.2, 11.6)	−1.9	−16% (−28, −1)	0.04
Q4 (0.46−18.9)	13.8 (12.6, 15.1)	−2.0	−13% (−24, 0)	0.04	10.3 (8.9, 11.9)	−1.9	−16% (−30, 1)	0.06
MEHP (µg/l)								
Q1 (0.21−1.62)	16.6 (15.1, 18.4)	0 (ref)	−	−	11.5 (10.4, 12.8)	0 (ref)	−	−
Q2 (1.63−3.50)	13.2 (11.9, 14.7)	−3.4	−20% (−31, −8)	0.002	10.5 (9.3, 11.9)	−1.0	−9% (−22, 7)	0.26
Q3 (3.53−6.53)	11.3 (10.2, 12.5)	−5.3	−32% (−41, −22)	<0.001	9.1 (7.9, 10.5)	−2.4	−21% (−34, −5)	0.01
Q4 (6.71−265)	13.9 (12.7, 15.2)	−2.7	−17% (−27, −4)	0.009	10.6 (9.3, 12.2)	−0.9	−8% (−22, 10)	0.36
MEHHP (µg/l)								
Q1 (1.00−7.50)	15.4 (14.0, 16.9)	0 (ref)	−	−	11.2 (9.9, 12.6)	0 (ref)	−	−
Q2 (8.21−17.70)	12.4 (11.1, 13.8)	−3.0	−20% (−30, −7)	0.003	10.5 (9.4, 11.8)	−1.0	−6% (−21, 11)	0.46
Q3 (17.90−40.57)	12.9 (11.5, 14.4)	−2.5	−16% (−28, −3)	0.02	9.2 (8.2, 10.4)	−2.0	−18% (−31, −2)	0.03
Q4 (41.10−1977)	13.5 (12.3, 14.7)	−1.9	−12% (−23, 0)	0.05	12.0 (10.4, 13.8)	0.8	7% (−11, 29)	0.48
MEOHP (µg/l)								
Q1 (0.94−5.10)	15.8 (14.4, 17.3)	0 (ref)	−	−	11.8 (10.4, 13.2)	0 (ref)	−	−
Q2 (5.14−11.12)	12.2 (10.8, 13.7)	−3.6	−23% (−34, −10)	0.0009	10.4 (9.3, 11.6)	−1.4	−12% (−25, 4)	0.13
Q3 (11.22−24.90)	12.9 (11.7, 14.3)	−2.9	−18% (−28, −6)	0.004	9.7 (8.5, 11.0)	−2.1	−18% (−31, −2)	0.03
Q4 (25.03−1278)	13.1 (12.0, 14.4)	−2.7	−17% (−27, −5)	0.006	10.4 (9.0, 12.0)	−1.4	−12% (−27, 6)	0.19
MECPP (µg/l)								
Q1 (3.17−13.40)	15.6 (14.1, 17.3)	0 (ref)	−	−	12.0 (10.7, 13.4)	0 (ref)	−	−
Q2 (13.50−29.34)	12.4 (11.2, 13.7)	−3.2	−21% (−32, −9)	0.001	9.4 (8.2, 10.7)	−2.6	−22% (−34, −7)	0.006
Q3 (29.63−58.45)	13.3 (12.0, 14.7)	−2.3	−15% (−27, −2)	0.02	10.7 (9.5, 12.0)	−1.3	−11% (−24, 5)	0.17
Q4 (59.10−2109)	13.4 (12.2, 14.7)	−2.2	−15% (−26, −2)	0.03	9.7 (8.4, 11.2)	−2.3	−19% (−32, −3)	0.03

[1]Poisson regression models, adjusted for age (continuous), BMI (continuous) and smoking status (never, ever).
[2]P-value is for test of significant difference between the quartile of interest and quartile 1.