

Supplementary Table S1 Adjusted mean embryo quality following ART by alcohol and caffeine intake in 279 women (290 unique FFQs, 389 fresh ART cycles with egg retrieval) from the EARTH Study.

Categories, range	Adjusted percentages (95% CI) ^a			
	Accelerated cleavage	Slow cleavage	Poor Quality	Best quality embryo
Alcohol intake (g/day)				
0.0	9 (5–17)	33 (23–46)	16 (9–28)	53 (32–73)
0.1–6.0	10 (6–14)	28 (22–35)	13 (9–19)	52 (40–64)
6.1–12.0	10 (6–15)	26 (19–34)	13 (8–20)	60 (45–73)
12.1–24.0	10 (6–15)	25 (19–33)	15 (10–22)	66 (52–78)
24.1–85.8	6 (3–15)	27 (16–42)	17 (8–32)	52 (28–75)
<i>P</i> -trend ^b	0.49	0.48	0.55	0.38
Caffeine intake (mg/day)				
0.3–50	10 (6–15)	27 (20–34)	12 (8–17)	51 (38–64)
50.1–100	11 (6–19)	20 (13–29)	10 (6–18)	53 (34–72)
101.1–200	8 (5–12)	30 (24–38)	18 (13–25)	55 (42–68)
200.1–300	11 (7–17)	26 (19–34)	12 (8–19)	70 (55–82)
300.1–642	11 (5–24)	30 (18–46)	21 (10–38)	64 (37–85)
<i>P</i> -trend ^b	0.73	0.67	0.27	0.09

^aData are presented as predictive marginal means adjusted for age, BMI, infertility diagnosis, race, smoking status, alcohol, caffeine, calorie, folate and vitamin B12 intake, and dietary patterns, with continuous covariates at their mean level and categorical measures estimated at their reference level.

^bTests for trend were performed using the median level of caffeine and alcohol intake in each group as a continuous variable in the model.