

Supplementary Table S1 Patient demographics, treatment characteristics and endocrine profile on the day of hCG administration according to cycle outcome ($n = 2723$).

	No live birth	Live birth	P-value
Patient demographics (mean \pm SD)			
<i>n</i>	2085	638	NA
Age (years old)	30.6 \pm 3.7	30.3 \pm 3.5	0.07 ^a
BMI (kg/m ²)	24.1 \pm 4.6	23.8 \pm 4.4	0.27 ^a
Treatment characteristics			
Basal P (ng/ml)	0.68 \pm 0.29	0.68 \pm 0.25	0.69 ^a
Basal E ₂ (pg/ml)	39.5 \pm 15.7	41.4 \pm 14.7	0.11 ^a
Total FSH (IU)	1710.4 \pm 684.6	1641.8 \pm 606.1	0.16 ^a
COC retrieved ^b	10.8 \pm 6.7	11.5 \pm 6.5	0.004 ^a
Day 3 embryo (%) ^b	51.7%	39.2%	<0.001 ^c
SET (%) ^b	79.7%	87.5%	<0.001 ^d
Endocrine profile on the day of hCG administration (mean \pm SD)			
P (ng/ml) ^b	1.03 \pm 0.53	0.97 \pm 0.38	0.23 ^a
E ₂ (pg/ml) ^b	1850.4 \pm 1155.1	1883.0 \pm 1072.1	0.06 ^a

SD, standard deviation; NA, not applicable; BMI, body mass index; P, progesterone; E₂, estradiol; IU, international units; SET, single embryo transfer; hCG, human chorionic gonadotrophin.

^aMann–Whitney test.

^bAfter excluding 269 cycles that were cancelled due to insufficient response.

^c χ^2 test comparing Day 3 versus Day 5 embryo transfer.

^d χ^2 test comparing SET versus multiple embryo transfer.