

**Supplementary Table SII Patient demographics, treatment protocol and endocrine profile according to P level (ng/ml) on the day of hCG administration (n = 2723).**

	≤0.50	0.50–0.75	0.75–1.00	1.00–1.25	1.25–1.50	>1.50	P-value
Patient demographics (mean ± SD)							
n	245	613	707	490	319	349	NA
Age (years old)	31.3 ± 3.4	30.8 ± 3.6	30.9 ± 3.6	30.1 ± 3.5	30.0 ± 3.6	29.8 ± 3.6	<0.001 <sup>a</sup>
BMI (kg/m <sup>2</sup> )	24.5 ± 4.6	23.8 ± 4.7	24.0 ± 4.5	23.8 ± 4.4	24.1 ± 4.6	24.5 ± 4.7	0.46 <sup>a</sup>
Treatment characteristics							
Total FSH (IU)	1598.8 ± 617.5	1609.4 ± 592.9	1685.5 ± 679.9	1697.6 ± 617.7	1750.1 ± 823.7	1872.7 ± 672.6	<0.001 <sup>a</sup>
COC retrieved <sup>b</sup>	7.4 ± 4.8	8.8 ± 5.2	10.4 ± 6.1	12.0 ± 6.7	13.1 ± 7.3	14.9 ± 7.8	<0.001 <sup>a</sup>
Day 3 embryo (%) <sup>b</sup>	58.8	50.4	47.2	49.7	45.9	41.3	0.003 <sup>c</sup>
SET (%) <sup>b</sup>	80.6	82.1	81.6	83.1	78.6	83.2	0.67 <sup>d</sup>
Endocrine profile on the day of hCG administration (mean ± SD)							
E <sub>2</sub> <sup>b</sup>	1222.3 ± 695.6	1495.2 ± 836.5	1766.7 ± 990.1	2020.8 ± 1017.4	2324.4 ± 1343.4	2471.6 ± 1489.0	<0.001 <sup>a</sup>

SD, standard deviation; NA, not applicable; BMI, body mass index; IU, international units; COC, cumulus–oocyte complexes; SET, single embryo transfer; hCG, human chorionic gonadotrophin; E<sub>2</sub>, estradiol; P, progesterone.

<sup>a</sup>Kruskal–Wallis test.

<sup>b</sup>After excluding 269 cycles that were cancelled due to insufficient response.

<sup>c</sup>χ<sup>2</sup> test comparing Day 3 versus Day 5 embryo transfer.

<sup>d</sup>χ<sup>2</sup> test comparing SET versus multiple embryo transfer.