

Supplemental Table I. Logistic regression analysis of live birth rate adjusting for baseline characteristics or end-of-stimulation variables.

Variables	Overall population of potential high-responders (<i>n</i> = 343)	
	OR [95% CI]	P-value ^a
Adjusting for type of stimulation protocol		
Antagonist protocol vs. long agonist protocol	1.11 [0.69; 1.80]	0.666
HP-hMG vs. rFSH	1.85 [1.14; 2.99]	0.012
Adjusting for age		
Age (years)	1.00 [0.92; 1.09]	0.975
HP-hMG vs. rFSH	1.84 [1.14; 2.98]	0.013
Adjusting for BMI		
BMI (kg/m ²)	1.03 [0.92; 1.15]	0.579
HP-hMG vs. rFSH	1.79 [1.10; 2.92]	0.020
Adjusting for menstrual cycle length		
Cycle length (days)	1.05 [0.92; 1.19]	0.500
HP-hMG vs. rFSH	1.84 [1.14; 2.98]	0.013
Adjusting for first treatment cycle		
First treatment cycle	1.09 [0.65; 1.85]	0.737
HP-hMG vs. rFSH	1.85 [1.14; 2.99]	0.012
Adjusting for total number of follicles on stimulation day 1		
Total number of follicles	0.99 [0.96; 1.02]	0.435
HP-hMG vs. rFSH	1.89 [1.16; 3.07]	0.010
Adjusting for FSH on stimulation day 1		
FSH (IU/l)	1.10 [1.00; 1.21]	0.060
HP-hMG vs. rFSH	1.89 [1.16; 3.06]	0.010
Adjusting for estradiol at end-of-stimulation		
Estradiol (nmol/l)	0.99 [0.96; 1.03]	0.716
HP-hMG vs. rFSH	1.85 [1.14; 3.01]	0.013
Adjusting for progesterone at end-of-stimulation		
Progesterone (nmol/l)	0.84 [0.71; 0.99]	0.042
HP-hMG vs. rFSH	1.76 [1.08; 2.87]	0.024
Adjusting for progesterone/estradiol at end-of-stimulation		
Progesterone/estradiol	0.26 [0.07; 0.95]	0.042
HP-hMG vs. rFSH	1.68 [1.02; 2.75]	0.040
Adjusting for number of follicles ≥12 mm at end-of-stimulation		
Follicles ≥12 mm	1.05 [0.99; 1.10]	0.094
HP-hMG vs. rFSH	1.93 [1.18; 3.16]	0.008
Adjusting for endometrial thickness at end-of-stimulation		
Endometrial thickness (mm)	0.97 [0.85; 1.10]	0.653
HP-hMG vs. rFSH	1.84 [1.13; 2.99]	0.014
Adjusting for number of oocytes retrieved		
Number of oocytes retrieved	1.00 [0.96; 1.04]	0.973
HP-hMG vs. rFSH	1.85 [1.13; 3.02]	0.014
Adjusting for top-quality embryo(s)/good-quality blastocyst(s) on transfer day		
≥1 Top-quality embryo/good-quality blastocyst	2.61 [1.48; 4.61]	<0.001
HP-hMG vs. rFSH	1.80 [1.08; 3.00]	0.025

OR = odds ratio; CI = Wald confidence interval

^aTwo-sided Wald test of OR = 1 (no effect).