

Table 5b GEE analysis of factors for prediction of a live birth rate per embryo transfer

(b) Factors	Exp(B), 95% CI	Wald (χ^2)	P Value
Methods			
IVF/ICSI	1		
PGT-A	3.33 (1.11-9.99)	4.619	0.032
Female age	0.89 (0.78-1.01)	3.062	0.08
Infertility duration	1.01 (0.93-1.10)	0.103	0.749
Body mass index	0.97 (0.90-1.04)	0.671	0.413
Cause of infertility		3.866	0.695
With tubal factor	1		
With endometriosis	4.75 (0.31-72.08)	1.261	0.261
With DOR	1.17 (0.61-2.24)	0.227	0.634
With RPL	1.29 (0.51-3.24)	0.287	0.592
With ovulatory disorders	2.41 (0.55-10.60)	1.349	0.245
With male factor	1.50 (0.57-3.91)	0.683	0.409
Mixed factors	1.53 (0.81-2.89)	1.704	0.192
Infertility types			
Primary infertility	1		
Secondary infertility	1.1 (0.42-2.86)	0.039	0.844
Ovarian stimulation protocol		7.561	0.182
Antagonist protocol	1		
Long protocol	1.67 (0.94-2.95)	3.042	0.081
Soft stimulation protocol	0.75 (0.25-2.29)	0.247	0.619
Short protocol	2.38 (0.92-6.14)	3.218	0.073
PPOS protocol	0.72 (0.32-1.60)	0.653	0.419
Other protocols	0.96 (0.27-3.45)	0.004	0.948
Basal antral follicle count	1.02 (0.98-1.06)	0.729	0.393
Basal-FSH (U/L)	1.02 (0.97-1.07)	0.372	0.542
Endometrial preparation protocol		0.438	0.932
Fresh embryo transfer	1		
Natural cycle	0.89 (0.36-2.08)	0.104	0.747
Stimulated cycle	0.89 (0.35-2.30)	0.057	0.812
HRT cycle transfer	0.79 (0.35-1.76)	0.348	0.555
Endometrial thickness on the day of transfer	0.97 (0.85-1.10)	0.262	0.608
Blastocyst transfer			
No	1		
Yes	0.899 (0.32-2.51)	0.041	0.839
No. of embryos transferred			
1	1		
2	1.55 (0.54-4.46)	0.67	0.415

Data are presented as adjusted odds ratios [Exp(B)] with 95% confidence intervals (CI) and P-value. IVF: in vitro fertilization. ICSI: intracytoplasmic sperm injection. PGT-A: preimplantation genetic testing for aneuploidy. DOR: diminished ovarian reserve. RPL: recurrent pregnancy loss. PPOS: progestin-primed ovarian stimulation. HRT: hormone replacement therapy. FSH: follicle-Stimulating Hormone.