

Supplementary table 1 Univariate logistic regression analysis for risk factors associated with pregnancy loss <12 weeks

	Crude OR (95%CI)	P- value
Female age	0.95 (0.91-0.99)	0.027
Female BMI	1.05 (0.98-1.13)	0.152
Abnormalities of the uterus	0.61 (0.39-0.97)	0.036
Number of miscarriages	0.99 (0.76-1.28)	0.930
Assisted reproductive treatment	1.25 (0.66-2.37)	0.499
TSH	0.91 (0.78-1.07)	0.249
TPO-Ab	1.00 (1.00-1.00)	0.100
TG-Ab	1.00 (1.00-1.00)	0.226
HOMA-IR	1.15 (0.92-1.43)	0.222
Parental karyotype abnormality	1.27 (0.34-4.68)	0.725
B lymphocyte	0.99 (0.93-1.05)	0.675
NK cells	1.04 (1.00-1.08)	0.052
Antithrombin III activity	1.01 (0.99-1.02)	0.575
Platelet aggregation function	1.02 (0.99-1.06)	0.245
Anticardiolipin antibody IgA	1.22 (0.94-1.60)	0.140
Anticardiolipin antibody IgM	1.06 (0.97-1.17)	0.215
Anticardiolipin antibody IgG	1.01 (0.98-1.05)	0.602
Homocysteine	0.83 (0.68-1.02)	0.072
PC	1.01 (0.99-1.02)	0.416
PS	1.00 (0.99-1.01)	0.778
Anti- β 2 glycoprotein antibody IgA	1.17 (0.81-1.71)	0.404
Anti- β 2 glycoprotein antibody IgM	0.99 (0.89-1.10)	0.836
Anti- β 2 glycoprotein antibody IgG	1.00 (0.98-1.03)	0.714
Anti-phosphatidylserine IgG	1.05 (0.96-1.14)	0.290
Anti-phosphatidylserine IgM	0.99 (0.97-1.02)	0.632
R-time	0.95 (0.79-1.14)	0.575
K-time	1.07 (0.66-1.74)	0.784
Angle	1.00 (0.96-1.04)	0.887
MA	1.02 (0.98-1.07)	0.393
EPL	0.92 (0.83-1.01)	0.074
LV 30	0.92 (0.84-1.02)	0.100

Supplementary table 2 Univariate logistic regression analysis results for risk factors associated with live birth outcomes

	Crude OR (95%CI)	P-value
Female age	0.95 (0.87-1.05)	0.321
Female BMI	1.07 (0.93-1.24)	0.351
Abnormalities of the uterus	0.83 (0.31-2.19)	0.701
Number of miscarriages	0.99 (0.60-1.63)	0.972
Assisted reproductive treatment	0.76 (0.24-2.38)	0.639
TSH	1.02 (0.71-1.46)	0.916
TPO-Ab	1.00 (1.00-1.00)	0.640
TG-Ab	1.00 (1.00-1.00)	0.556
HOMA-IR	1.22 (0.80-1.87)	0.352
Parental karyotype abnormality	0.25 (0.05-1.35)	0.107
B lymphocyte	0.98 (0.87-1.10)	0.699
NK cells	1.07 (0.98-1.17)	0.117
Antithrombin III activity	1.00 (0.97-1.04)	0.833
Platelet aggregation function	1.06 (0.99-1.13)	0.108
Anticardiolipin antibody IgA	1.04 (0.71-1.50)	0.857
Anticardiolipin antibody IgM	1.02 (0.90-1.15)	0.745
Anticardiolipin antibody IgG	1.00 (0.96-1.04)	0.874
Homocysteine, umol/L	0.86 (0.64-1.17)	0.339
PC	1.01 (0.98-1.04)	0.481
PS	1.01 (0.99-1.04)	0.322
Anti- β 2 glycoprotein antibody IgA	1.44 (0.85-2.43)	0.179
Anti- β 2 glycoprotein antibody IgM	1.14 (0.75-1.71)	0.544
Anti- β 2 glycoprotein antibody IgG	1.20 (0.95-1.53)	0.133
Anti-phosphatidylserine IgG	1.01 (0.95-1.06)	0.855
Anti-phosphatidylserine IgM	1.02 (0.96-1.08)	0.528
R-time	0.86 (0.63-1.18)	0.353
K-time	0.61 (0.26-1.43)	0.258
Angle	1.04 (0.97-1.12)	0.283
MA	1.03 (0.95-1.13)	0.444
EPL	1.35 (0.90-2.03)	0.144
LV 30	1.36 (0.89-2.08)	0.162