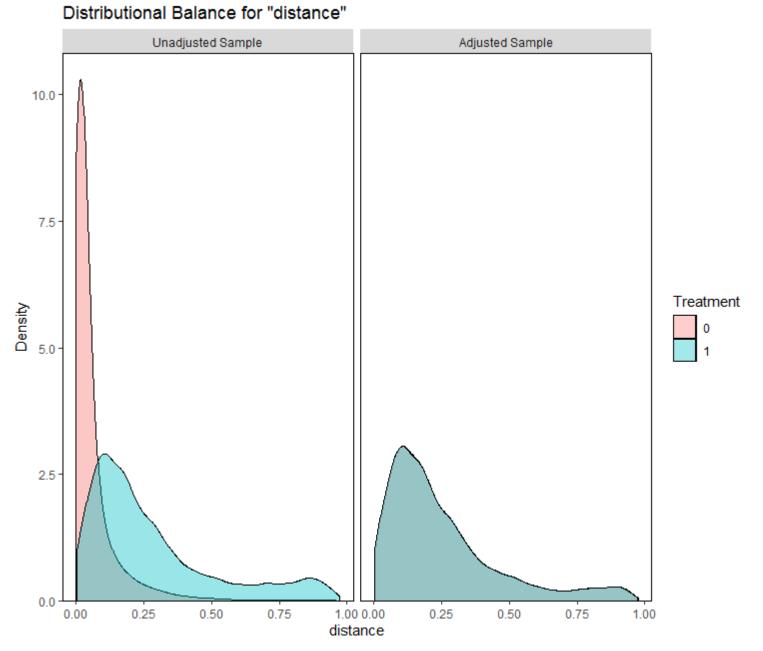
Figure S1



	PGT-A	Non-PGT-A	OR (95%CI)			
Clinical pregnancy rate (first)						
PSM	63.9% (1,178/1,844)	46.9% (3,437/7,334)	2.01 (1.81-2.23)			<b>└</b>
PS stratification	63.7% (1,235/1,940)	64.5% (30,768/47,729)	2.10 (1.91-2.31)			-
Traditional logistic regression	63.7% (1,235/1,940)	64.5% (31,109/48,213)	1.49 (1.34-1.66)			
Early miscarriage rate (first)						
PSM	12.8% (151/1,178)	20.2% (694/3,437)	0.58 (0.48-0.70)			
PS stratification	13.1% (162/1,235)	10.4% (3,188/30,768)	0.64 (0.54-0.75)			
Traditional logistic regression	13.1% (162/1,235)	10.3% (3,215/31,109)	0.70 (0.58-0.84)			
Live birth rate (first)						
PSM	52.6% (970/1,844)	34.2% (2,511/7,334)	2.13 (1.92-2.36)			<b>├──</b>
PS stratification	52.2% (1,013/1,940)	54.0% (25,752/47,729)	2.14 (1.95-2.35)			
Traditional logistic regression	52.2% (1,013/1,940)	54.0% (26,042/48,213)	1.52 (1.37-1.68)			
Cumulative live birth rate						
PSM	27.5% (1,155/4,195)	31.1% (3,150/10,140)	0.84 (0.78-0.91)	<b>⊢</b>		
PS stratification	27.3% (1,203/4,409)	57.0% (31,705/55,635)	0.88 (0.83-0.95)	<b>⊢</b> I		
Traditional logistic regression	27.3% (1,203/4,409)	57.0% (32,044/56,171)	0.64 (0.59-0.70)	<del></del>		
				0.5 1	1.5 OR (95% CI)	2 2.5

	PGT-A	Non-PGT-A	OR (95%CI)	
Clinical pregnancy rate (first)				
BMI <18.5	70.6% (60/85)	56.6% (69/122)	1.84 (1.03-3.35)	-
BMI 18.5-24	62.6% (847/1,352)	46.9% (1,023/2,180)	1.90 (1.65-2.18)	<del></del> 1
BMI ≥24	65.8% (183/278)	43.7% (244/558)	2.48 (1.84-3.35)	<b></b>
Early miscarriage rate (first)				
BMI <18.5	13.3% (8/60)	21.7% (15/69)	0.55 (0.21-1.39)	-
BMI 18.5-24	11.8% (100/847)	19.6% (201/1,023)	0.55 (0.42-0.71)	+=-1
BMI ≥24	17.5% (32/183)	21.3% (52/244)	0.78 (0.48-1.27)	
Live birth rate (first)				
BMI <18.5	57.6% (49/85)	43.4% (53/122)	1.77 (1.02-3.12)	
BMI 18.5-24	52.3% (707/1,352)	34.3% (748/2,180)	2.10 (1.83-2.41)	<b>⊢</b>
BMI ≥24	51.1% (142/278)	32.4% (181/558)	2.17 (1.62-2.92)	<del> </del>
Cumulative live birth rate				
BMI <18.5	33.1% (55/166)	38.0% (63/166)	0.81 (0.52-1.27)	
BMI 18.5-24	28.0% (851/3,035)	30.9% (938/3,035)	0.87 (0.78-0.97)	н
BMI ≥24	21.0% (169/803)	28.5% (229/803)	0.67 (0.53-0.84)	<b>⊢■</b> →
				0 0.5 1 1.5 2 2.5 3 3.5 OR (95% CI)

Figure S4

	Non-PGT-A	PGT-A	OR (95%CI)	
Clinical pregnancy rate (first)				
AFC <5	26.1% (69/264)	53.4% (39/73)	3.24 (1.90-5.56)	<b>├</b>
AFC ≥5 & Retrieved oocyte ≤9	38.9% (515/1,323)	60.4% (364/603)	2.39 (1.96-2.91)	<b>⊢</b>
AFC ≥5 & Retrieved oocyte >9	58.9% (746/1,267)	66.9% (671/1,003)	1.41 (1.19-1.68)	<b>⊢</b>
Early miscarriage rate (first)				
AFC <5	34.8% (24/69)	23.1% (9/39)	0.56 (0.22-1.34)	-
AFC ≥5 & Retrieved oocyte ≤9	22.3% (115/515)	13.7% (50/364)	0.55 (0.38-0.79)	₩-
AFC ≥5 & Retrieved oocyte >9	16.9% (126/746)	12.4% (83/671)	0.69 (0.51-0.94)	H=
Live birth rate (first)				
AFC <5	15.9% (42/264)	39.7% (29/73)	3.48 (1.96-6.18)	<b>├</b>
AFC ≥5 & Retrieved oocyte ≤9	27.5% (364/1,323)	48.9% (295/603)	2.52 (2.07-3.08)	<b>├</b>
AFC ≥5 & Retrieved oocyte >9	44.8% (567/1,267)	55.4% (556/1,003)	1.54 (1.30-1.81)	<b>⊢</b>
Cumulative live birth rate				
AFC <5	6.5% (46/710)	4.4% (31/710)	0.66 (0.41-1.05)	<b>⊢</b>
AFC ≥5 & Retrieved oocyte ≤9	22.5% (418/1,854)	17.6% (326/1,854)	0.73 (0.62-0.86)	н
AFC ≥5 & Retrieved oocyte >9	56.7% (758/1,338)	51.5% (689/1,338)	0.81 (0.70-0.95)	н
				0 0.5 1 1.5 2 2.5 3 3.5 4 OR (95% CI)

Figure S5

	PGT-A	Non-PGT-A	OR (95%CI)
Clinical pregnancy rate (first)			
RPL	63.5% (296/466)	55.7% (324/582)	1.39 (1.08-1.78)
Intrauterine adhesion	56.7% (164/289)	48.9% (192/393)	1.37 (1.01-1.87)
Endometriosis	60.8% (59/97)	48.3% (98/203)	1.66 (1.02-2.73)
Severe male factor	64.0% (114/178)	45.9% (157/342)	2.10 (1.45-3.06)
Early miscarriage rate (first)			
RPL	14.9% (44/296)	16.4% (53/324)	0.89 (0.58-1.38)
Intrauterine adhesion	16.5% (27/164)	19.3% (37/192)	0.83 (0.47-1.42)
Endometriosis	22.0% (13/59)	20.4% (20/98)	1.10 (0.49-2.41)
Severe male factor	11.4% (13/114)	17.8% (28/157)	0.59 (0.28-1.18)
Live birth rate (first)			
RPL	51.5% (240/466)	42.3% (246/582)	1.45 (1.14-1.85)
Intrauterine adhesion	45.3% (131/289)	35.6% (140/393)	1.50 (1.10-2.04)
Endometriosis	42.3% (41/97)	35.0% (71/203)	1.36 (0.83-2.23)
Severe male factor	52.8% (94/178)	36.3% (124/342)	1.97 (1.36-2.85)
Cumulative live birth rate			
RPL	38.3% (287/750)	40.8% (306/750)	0.90 (0.73-1.11)
Intrauterine adhesion	29.9% (158/528)	32.6% (172/528)	0.88 (0.68-1.15)
Endometriosis	18.1% (53/293)	29.0% (85/293)	0.54 (0.36-0.80)
Severe male factor	23.1% (113/489)	31.7% (155/489)	0.65 (0.49-0.86)
			0.5 1 1.5 2 2.5 OR (95% CI)