

Table 3. IVF/ICSI outcomes among the four groups of non-PCOS IVF/ICSI repeaters: with and without metformin and according to the DS value (above or below 0.6647)

| Discriminant score (Group) | With metformin | | Without metformin | |
|--|------------------------------|-------------------|------------------------------|-------------------|
| | ≥ 0.6647 (A) | < 0.6647 (B) | ≥ 0.6647 (C) | < 0.6647 (D) |
| No. of women | 18 | 80 | 15 | 86 |
| Discriminant score | 1.83 \pm 0.27 ^a | -1.67 \pm 0.15 | 1.71 \pm 0.31 ^a | -1.89 \pm 0.16 |
| Oocyte retrievals | 18 | 80 | 15 | 86 |
| No. of superior embryos per retrieval | 3.4 \pm 0.8 | 2.5 \pm 0.4 | 3.8 \pm 0.8 | 2.7 \pm 0.3 |
| Clinical pregnancies (% of oocyte retrieval) | 10 (56%) ^b | 16 (20%) | 4 (27%) | 22 (26%) |
| Ongoing pregnancies (% of oocyte retrieval) | 10 (56%) ^c | 11 (14%) | 3 (20%) | 13 (15%) |
| Transferred embryos | 55 | 226 | 56 | 260 |
| Gestational sacs (% of transferred embryo) | 18 (33%) ^d | 25 (11%) | 4 (7.1%) | 28 (11%) |
| Viable fetus (% of transferred embryo) | 13 (24%) ^e | 16 (7.1%) | 4 (7.1%) | 16 (6.2%) |

^aMean \pm SEM, $p < 0.0001$ vs. groups B and D (ANOVA and Fisher's PLSD).

^b $p < 0.01$ vs. group B (Fisher's exact test) and $p < 0.05$ vs. group D (chi-squared test).

^c $p < 0.001$ vs. groups B and D (Fisher's exact test) and $p < 0.05$ vs. group C (chi-squared test).

^d $p < 0.0001$ vs. groups B and D (qui-square test) and $p < 0.001$ vs. group C (chi-squared test).

^e $p < 0.0001$, $p < 0.001$ and $p < 0.05$ vs. groups D, B and C, respectively (chi-squared test).