

Table 4 Population differentiation (θ or F_{ST}) at 5% level of significance, gene flow (N_m) and pair-wise genetic distance (D) values between the treatment combinations (sex ratios)

Population pairs	$F_{ST} \pm SD$	Genetic Distance (D)
1♂: 1♀ vs. 1♂: 2♀	0.048* \pm 0.031 (0.021–0.102)	0.010
1♂: 1♀ vs. Control	0.019 \pm 0.012 (0.007–0.038)	0.007
1♂: 1♀ vs. 2♂: 1♀	0.063* \pm 0.038 (0.039–0.113)	0.012
1♂: 2♀ vs. Control	0.054* \pm 0.032 (0.032–0.109)	0.011
2♂: 1♀ vs. Control	0.071* \pm 0.043 (0.036–0.117)	0.012
1♂: 2♀ vs. 2♂: 1♀	0.032 \pm 0.024 (0.022–0.053)	0.008
All the sex ratios (across all the experimental groups/populations)		-

Note: * $p < 0.05$ and statistically significant