



*Figure 4.* Comparison of the effects of MK-801/HU-580 in the NORT in pooled (left) and sex separated (right) analysis; average ( $\pm$ SEM) difference time (s) with the novel object. Administration of MK-801 (0.3mg/kg, i.p.) daily for 7 days induced novel object preference deficits. Both low-dose (0.01ug/kg, i.p.) and high-dose (0.05ug/kg, i.p.) HU-580 treatment blocked the effects of MK-801.