



*Figure 3.* Comparison of the effects of MK-801/HU-580 in the FST in pooled (left) and sex separated (right) analysis; average ( $\pm$ SEM) time of immobility (s). Administration of MK-801 (0.3mg/kg, i.p.) daily for 17 days induced immobility (i.e., despair-like behavior) primarily in female mice. Low-dose (0.01ug/kg, i.p.) HU-580 treatment blocked the effects of MK-801 in female mice.