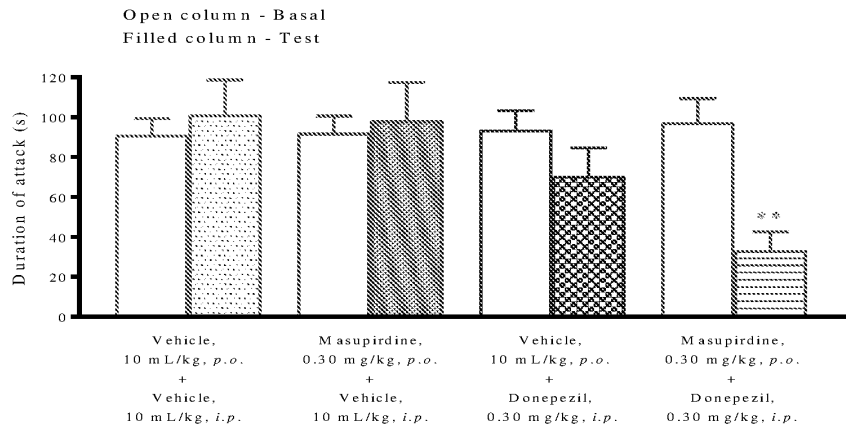
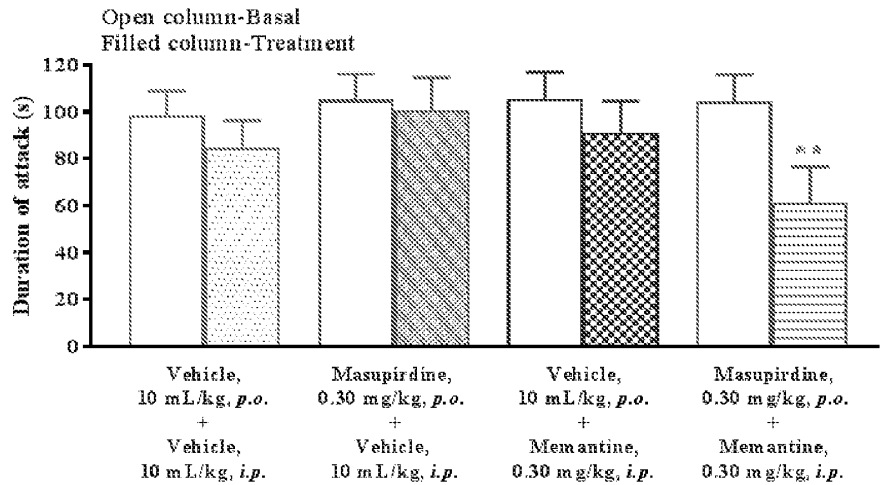




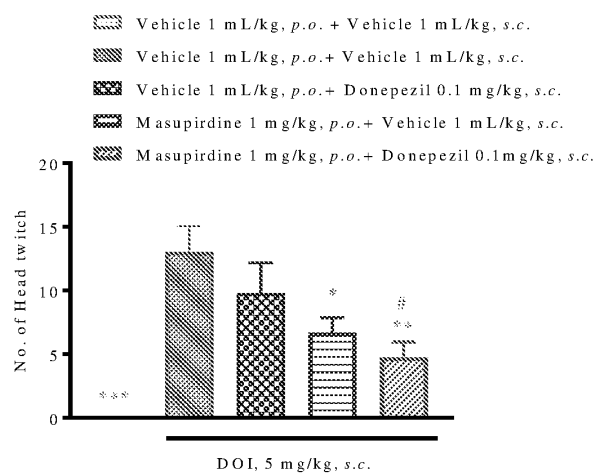
Data represents Mean± SEM of duration of attack, Student's paired *t*-test, ***p*<0.01 Vs Basal, n=9

Figure 1: Effect of combined masupirdine and donepezil on aggression levels compared to masupirdine or donepezil alone.



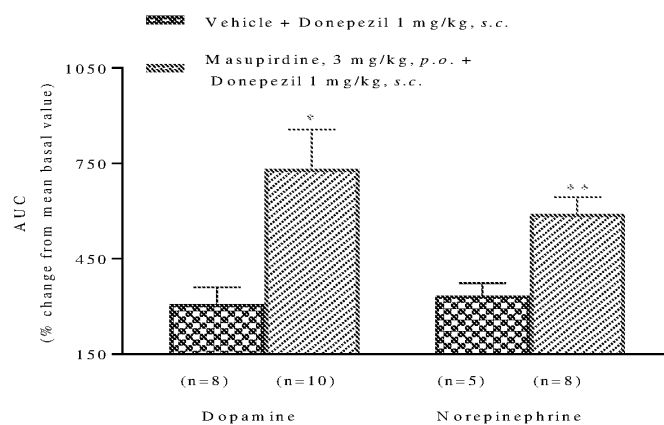
Data represents mean ± SEM of duration of attack, Student's paired *t*-test, ***p*<0.01 vs basal, n=9-10.

Figure 2: Effect of combined masupirdine and memantine on aggression levels compared to masupirdine or memantine alone.



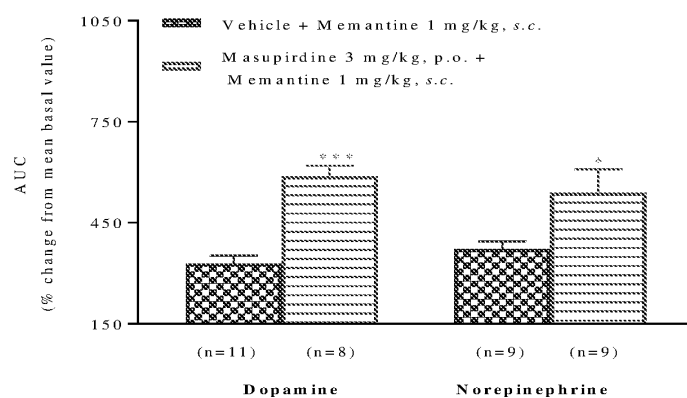
Data represents mean $\pm$ SEM of head twitches. *** $P < 0.001$, ** $P < 0.01$, * $P < 0.05$ vs. DOI, One-way ANOVA followed by Dunnett's test ($n = 8-9$). # $P < 0.05$ vs. donepezil (Student's unpaired-t-test).

Figure 3: Effect of combined masupirdine and donepezil on hallucination compared to masupirdine or donepezil alone



Data represents mean $\pm$ SEM. ** $P < 0.01$, * $P < 0.05$ vs. donepezil alone (Student's unpaired-t-test).

Figure 4: Effect of combined masupirdine and donepezil on dopamine and norepinephrine levels compared to donepezil alone in prefrontal cortex of male Wistar rats.



Data represents Mean $\pm$ SEM.***P<0.001, *P<0.05 vs. memantine alone (Unpaired-t-test).

Figure 5: Effect of combined masupirdine and memantine on dopamine and norepinephrine levels compared to memantine alone in prefrontal cortex of male Wistar rats.