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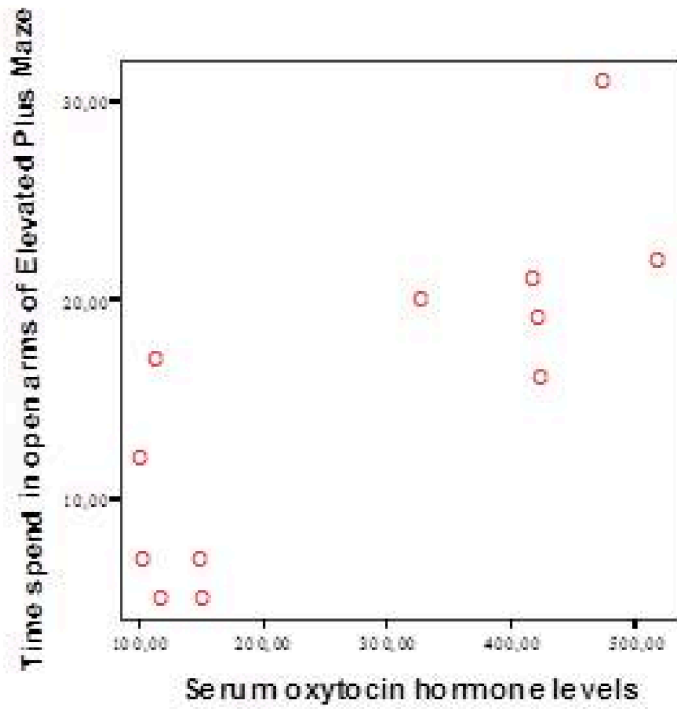


FIG. 3: Biochemical investigation and correlation results. (A) Brain tissue oxytocin levels. (B) Serum oxytocin levels. F: females, M: males. * $p < 0.05$ compared to same sex control group. (C) Scatterplot that activity in the middle area of open field and both brain and serum oxytocin levels in female mice. (D) Scatterplot that activities in the open arms of elevated plus maze test and serum oxytocin levels in female mice.

Uncorrected Proof