

SUMMARY

The present study attempts to recognize differences between Unipolar depression patients and bipolar depression patients in both type of brain electrical activity, amount of stress endurance, some personality traits and the extent of variance in these differences by sex variance (males - females) between two study samples of the study. The present study sample included two classes of depression. The sample of unipolar depression patients divided into (12 females and 8 males). The sample of bipolar depression patients divided into (10 females and 8 males) with age range between 31-45 years. The present study tools were represented Electroencephalogram (EEG) A scale of stress life situations prepared by (Zeanab Shokear 2003) A scale of personality big five factors prepared by Costa, McCare (1992), translated and revised by Bader El Ansary (1997).

Results of the study :

There are statistically significant differences between sample of unipolar depression patients and sample of bipolar depression patients in the amount of stress endurance, and the differences were significant in the direction of unipolar depression patients. There is a variance between unipolar depression patients and bipolar depression patients in the type of brain electrical activity as measured by electroencephalogram (EEG) and the rate of deviation in the diagram is higher for bipolar depression patients. There are statistically significant differences on behalf of unipolar depression patients sample on dimension of (neuroticism and cautiousness). There are statistically significant difference on behalf of bipolar depression patients on the dimension of agreeability. There are no differences between two samples on dimensions of (extroversion - opening for experience). There are statistically significant differences in means scores of total study sample (unipolar - females - unipolar males - bipolar females - bipolar males) on the scale of stress life situations where the highest means are for unipolar females sample, then bipolar females sample, then unipolar males sample, and bipolar males sample).