Abstract: Personality traits and inhibition / activation Behavioral Systems in people with bipolar disorder and schizophrenia disorder

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Introduction: The aim of the present study is to investigate personality traits and inhibition/activation behavioral systems in the two groups of schizophrenic patients and bipolar patients.

Methods: The present descriptive-comparative study consisted of 70 people including 34 schizophrenic patients (16 females and 18 males) and 36 bipolar patients (17 females and 19 males) who had been selected by available sampling. For data gathering inhibition/activation behavioral systems scale (Carver and White) and Eysenck Personality Questionnaire-Reversion were used in this study.

Results: The study demonstrated a significant difference in neuroticism (N), extraversion (E) and psychosis (P) between schizophrenic and bipolar groups of patients (P= 0/001). Also, there was a significant differences in behavioral inhibition system (BIS) (P= 0/003), behavioral activation system (BAS) (P= 0/043) and two behavioral activation system subscales (BAS), Drive (D) (P= 0/019) Reward Responsiveness (R) (P= 0/043).

Conclusion: There was a noticeable relationship between the extreme levels, either high or low of personality traits (neuroticism (N), extraversion (E) and psychosis (P)) as well as the sensitivity of BAS, BIS with the symptoms of psychopathological disorders. Particular combination of sensitivity BAS, BIS was relevant with special psychopathology species.

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Keywords: personality traits, behavioral inhibition system (BIS), behavioral activation system (BAS), bipolar, and schizophrenia.

Presentation: Poster