



The University of Chicago
Department of Statistics

Master's Seminar

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**Characteristics of Bipolar Disorder Patients
and Their Suicide Attempts**

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ABSTRACT

Attempt of suicide is one of the most common episodes that Bipolar Disorder (BPD) patients experience. By using the nationwide ongoing survey of BPD patients and the personality survey on the subset of these patients, we identified the characteristics of the BPD patients, their other common disorders and their association to the suicide attempt. In addition, we mapped the personality of the BPD patients, especially ones impulsiveness and the most serious suicide attempt characteristics of the suicide episode. The onset of the suicide attempt and the relationship between the personality and the characteristics of the suicide episode are identified using the generalized linear models. We propose the further study and the implementation of the method.