

Psycholinguistics and Mental Health: From Assessment to Prevention

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Abstract

The psycholinguistic analysis of the verbalizations of people suffering from mental health disorders (stress, anxiety, depression, suicidal ideation, etc.) now benefits from the contributions of predictive linguistics and from the techniques of machine learning in artificial intelligence. It thus allows patients' words to be taken into account in a more systematic and rigorous manner, in order to prevent illnesses and to improve care. Advances in this type of semi-automated analysis augur well for diagnosis aid systems in psychiatry and clinical psychology, as well as automated mental health monitoring systems. This article presents an overview of the foundations of this innovative methodology, with a practical application aimed at the assessment and analysis of psychotrauma following a pandemic.

Keywords:

Psycholinguistics, predictive, artificial intelligence, mental health, psychotrauma, pandemic.
