Untangling the complex relationships between symptoms of schizophrenia and emotion dynamics in daily life: Findings from an experience sampling pilot study

Stefan Westermann, Sara Grezellschak, Zita Oravecz, Stefen Moritz, Thies Lüdtke, Andreas Jansen

PII: S0165-1781(17)30040-9
DOI: http://dx.doi.org/10.1016/j.psychres.2017.08.023
Reference: PSY10738

To appear in: Psychiatry Research

Received date: 9 January 2017
Revised date: 11 July 2017
Accepted date: 12 August 2017

Cite this article as: Stefan Westermann, Sara Grezellschak, Zita Oravecz, Stefen Moritz, Thies Lüdtke and Andreas Jansen, Untangling the complex relationships between symptoms of schizophrenia and emotion dynamics in daily life: Findings from an experience sampling pilot study, Psychiatry Research, http://dx.doi.org/10.1016/j.psychres.2017.08.023

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.
Untangling the complex relationships between symptoms of schizophrenia and emotion dynamics in daily life: Findings from an experience sampling pilot study

Stefan Westermann\textsuperscript{a,b}*, Sara Grezellschak\textsuperscript{b}, Zita Oravecz\textsuperscript{c}, Stefan Moritz\textsuperscript{d}, Thies Lüdtke\textsuperscript{d}, Andreas Jansen\textsuperscript{b}

a: Institute of Psychology, University of Bern, Bern, Switzerland
b: Laboratory of Multimodal Neuroimaging and Core-Unit Brainimaging, Faculty of Medicine, Philipps-University Marburg, Marburg, Germany
c: Human Development and Family Studies, The Pennsylvania State University, State College, PA, United States of America
d: Department of Psychiatry and Psychotherapy, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

*: Dr. Stefan Westermann, University of Bern, Institute of Psychology, Fabrikstrasse 8, 3012 Bern, Switzerland; stefan.westermann@psy.unibe.ch

Word count: 1'877

Abstract

The unfolding of emotions over time (i.e., emotion dynamics) has been characterized by baseline, intraindividual variability and regulatory tendency (return time to baseline after deflection). Mounting evidence suggests that compared to healthy individuals, individuals with schizophrenia are characterized by a more negatively valenced baseline and a higher intraindividual variability. However, the regulatory tendency has not been investigated in schizophrenia. We hypothesize that the severity of positive symptoms is linked to increased emotional variability and that the severity of negative symptoms is associated with an increased regulatory tendency. Fifteen individuals diagnosed with schizophrenia took part in this pilot experience sampling study and reported their emotional state ten times a day. The dynamics of valence and arousal and their relationship with symptomatology were estimated with the DynAffect model. Regulatory tendency in valence and arousal was positively associated with negative symptom severity and negatively associated with positive symptom severity. However, the severity of positive symptoms was not credibly associated with the variability of valence. The study only partly corroborates findings on increased stress reactivity in schizophrenia, which might be due to the small sample size. However, results suggest that negative symptoms could stem from over-regulated emotion dynamics, which may impede goal-directed behavior.

Keywords: schizophrenia; emotion; affect; negative symptoms; positive symptoms; dynamic; emotion regulation
دریافت فوری

متن کامل مقاله

امکان دانلود نسخه تمام متن مقالات انگلیسی
امکان دانلود نسخه ترجمه شده مقالات
پذیرش سفارش ترجمه تخصصی
امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
امکان دانلود رایگان ۲ صفحه اول هر مقاله
امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
دانلود فوری مقاله پس از پرداخت آنلاین
پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات