



Do we recognize facial expressions of emotions from persons with schizophrenia?

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ABSTRACT

Objectives: Impaired facial emotion expression is central to schizophrenia. Extensive work has quantified these differences, but it remains unclear how patient expressions are perceived by their healthy peers and other non-trained individuals. This study examined how static facial expressions of posed and evoked emotions of patients and controls are recognized by naïve observers.

Methods: Facial photographs of 6 persons with stable schizophrenia and 6 matched healthy controls expressing five universal emotions (happy, sad, anger, fear, and disgust) and neutral were selected from a previous data set. Untrained raters ($N=420$) viewed each photo and identified the expressed emotion. Repeated measures ANOVAs were used to assess differences in accuracy and error patterns between patient and control expressions.

Results: Expressions from healthy individuals were more accurately identified than those from schizophrenia patients across all conditions, except for posed sadness and evoked neutral faces, in which groups did not differ, and posed fear, in which patient expressions were more accurately identified than control expressions. Analysis of incorrect responses revealed misidentifications at neutral were most common across both groups but significantly more likely among patients.

Conclusion: Present findings demonstrate that patient expressions of emotion are poorly perceived by naïve observers and support the concept of affective flattening in schizophrenia. These results highlight the real world implications of impairments in emotion expression and may shed light on potential mechanisms of impaired social functioning in schizophrenia.

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1. Introduction

Impaired facial expressions of emotion represent an area of behavioral dysfunction that is central to the illness of schizophrenia and indicates both current functioning and future outcome (Gur et al., 2006). Much of our knowledge on affective flattening in schizophrenia has been based on clinical rating scales of global affect during psychiatric interviews, but

the reliability of ratings of affective flattening and other negative symptoms can be problematic (Andreasen, 1997). Over the past 20 years, efforts beyond global ratings of facial expressions by a single trained or experienced rater have attempted to apply standardized procedures to examine specific face regions based on facial muscles, and quantify the degree and time course of emotional expressions. Several groups have utilized paradigms based on the Facial Action Coding System (Ekman and Friesen, 1978) to demonstrate generalized and emotion specific deficits in posed and evoked facial expressions. Findings suggested that patients do not engage the same facial muscles as controls (Aggaveili et al., 2003; Berenbaum and Oltmanns, 1992; Blanchard et al., 1994; Gaebel and Wolwer, 2004; Kohler et al., 2008b; Kring et al., 1993;

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Persons With Schizophrenia Expression Emotion Report

Ann M. Kring, Sheri L. Johnson



Persons With Schizophrenia Expression Emotion Report:

Schizophrenia Bulletin ,2005 *Eating Disorders and Expressed Emotion* Renee Rienecke,Daniel Le Grange,2020-08-06

The first to synthesize the exponentially growing research on expressed emotion EE and eating disorders and apply it to treatment interventions and other scenarios this unique text provides unprecedented guidance to students clinicians and researchers in the field of eating disorders This book explores the components of relatives attitudes and behaviors toward an ill family member and discusses a modifiable treatment target that could improve outcomes for patients through interventions treatment plans and future directions in research Chapters bring together contributions from eminent scientists and clinicians in the fields of families eating disorders and treatment to contribute to the clinical and scholarly understanding of expressed emotion and eating disorders Mental health professionals studying and treating eating disorders will find this text to be a valuable reference guide and will be inspired to further explore this rich and promising area of study

Understanding Emotions Dacher Keltner,Keith Oatley,Jennifer M. Jenkins,2018-11-29 Emotions are an inescapable part of the human experience They motivate actions and reactions guide our interpersonal and business relationships inspire political and societal trends and influence our sense of self and well being Emphasizing the broad practical reach of this field of study Understanding Emotions draws from neuroscience psychiatry biology genetics the humanities economics and more to provide a strong foundation in core concepts An easy to follow narrative arc encompasses the entire life span while representative studies provide immediate insight into the real world implications of important findings This new Fourth Edition continues to provide clear and concise guidance toward the factors that drive emotion with new revised and expanded discussions that reflect the current state of the field Detailed coverage of social and anti social motivations moral judgment empathy psychological disorders the physiological components of emotion and many more equip students with the conceptual tools to probe deeper into the material and apply methods and techniques to their own personal lives *The Oxford Handbook of Emotion Dysregulation* Theodore P. Beauchaine,Sheila Elizabeth Crowell,2020 Emotion dysregulation which is often defined as the inability to modulate strong affective states including impulsivity anger fear sadness and anxiety is observed in nearly all psychiatric disorders These include internalizing disorders such as panic disorder and major depression externalizing disorders such as conduct disorder and antisocial personality disorder and various other disorders including schizophrenia autism and borderline personality disorder Among many affected individuals precursors to emotion dysregulation appear early in development and often predate the emergence of diagnosable psychopathology Collaborative work by Drs Beauchaine and Crowell and work by many others suggests that emotion dysregulation arises from both familial coercion invalidation abuse neglect and extra familial deviant peer group affiliations social reinforcement mechanisms These studies point toward strategies for prevention and intervention The Oxford Handbook of Emotion Dysregulation brings together experts whose work cuts across levels of analysis including neurobiological cognitive and social in studying emotion

dysregulation Contributing authors describe how early environmental risk exposures shape emotion dysregulation how emotion dysregulation manifests in various forms of mental illness and how emotion dysregulation is most effectively assessed and treated This is the first text to assemble a highly accomplished group of authors to address conceptual issues in emotion dysregulation research define the emotion dysregulation construct at levels of cognition behavior and social dynamics describe cutting edge assessment techniques at neural psychophysiological and behavioral levels of analysis and present contemporary treatment strategies Conceptualizing emotion dysregulation as a core vulnerability to psychopathology is consistent with modern transdiagnostic approaches to diagnosis and treatment including the Research Domain Criteria and the Unified Protocol respectively **Schizophrenia Bulletin** ,2005 *The Science and Treatment of Psychological Disorders, with eBook Access Code* Ann M. Kring, Sheri L. Johnson, 2024-10-01 The Science and Treatment of Psychological Disorders blends theory and research with practice and clinical application to provide learners with a solid foundation in psychological disorders and develop their understanding with up to date and relevant research examples and contexts From its first edition the focus of this book has always been on balancing contemporary research and clinical application while involving the learner in the problem solving engaged in by clinicians and scientists It continues to emphasize an integrative approach showing how psychopathology is best understood by considering multiple perspectives genetic neuroscientific cognitive behavioral and sociocultural and how these varying perspectives produce the clearest accounting of the causes of these disorders as well as provide insights into the best possible treatments With this new sixteenth edition Abnormal Psychology is dropped from the title The importance of stigma and mental illness is discussed throughout never is this more important than now when many social ills such as gun violence are too easily blamed on mental illness while we continue to warehouse people with psychological disorders in jails at an astonishing rate AN INTERACTIVE MULTIMEDIA LEARNING EXPERIENCE This textbook includes access to an interactive multimedia e text Icons throughout the print book signal corresponding digital content in the e text Case Study Videos and Pause and Ponder Activities A collection of fourteen 7 to 10 minute Case Study Videos presents an encompassing view of a variety of psychological disorders featuring people experiencing these disorders and their families describing symptoms from their own perspective In addition each video provides concise information about the available treatment options and commentary from a mental health professional Each video is presented in the context of a Pause and Ponder activity with the following elements Part I Pause Readers are asked to read several short examples of everyday life situations facing a person or people with a particular disorder and assess their own ability to empathize Part II Learn Readers are directed to view the Case Study Video and answer a series of questions with interactive self scoring Part III Ponder Finally readers are asked to respond to one or more open ended questions and to reassess their ability to empathize Interactive Figures Charts Tables Appearing throughout the enhanced e text interactive figures process diagrams and tables facilitate the study of complex concepts and processes and help students

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Community Series In Mental-Health-Related Stigma and Discrimination: Prevention, Role, and Management Strategies, volume II Renato de Filippis, Mohammadreza Shalbafan, Samer El Hayek, 2024-03-06 This Research Topic is the second volume of the Community Series In Mental Health Related Stigma and Discrimination Prevention Role and Management Strategies Please see the first volume here Despite the tremendous progress and successes achieved in diagnostics therapy and rehabilitation in psychiatry over the past few decades the stigma towards mental health patients their relatives and caregivers and healthcare professionals is still present Social stigma in particular represents a major obstacle to maintaining adequate mental health care This increases reluctance to seek help delays patients diagnosis and limits their compliance and adherence to treatment In the long term this reduces psychiatric rehabilitation effectiveness and causes a burden to healthcare providers and society alike The main goal of this Research Topic is to evaluate the impact and role of stigma in all its forms on individuals with psychiatric disorders their caregivers and mental health providers

Translating Behavioral Science Into Action United States. National Advisory Mental Health Council. Behavioral Science Workgroup, 2000

Psychopathology, Print and Interactive E-Text Ann M. Kring, Sheri L. Johnson, 2023-09-15

Working with People at High Risk of Developing Psychosis Jean Addington, Shona Francey, Anthony P. Morrison, 2006-06-14 A timely overview of new psychological interventions in this exciting and emerging field Working with People at High Risk of Developing Psychosis A Treatment Handbook presents the most up to date progress in the identification of individuals who are at ultra high risk of developing a psychotic illness The book focuses on a range of psychological interventions that are currently being developed tested and used in order to alleviate these early symptoms and attempt to delay or even prevent the onset of a psychotic illness Even for those who will not go on to develop an illness such interventions are helpful in the alleviation of their presenting symptoms This practical treatment handbook addresses a wide range of issues presented by at risk clients Specific chapters written by experts in that particular area cover stress management co morbidity substance misuse family work and group therapy

Psychology Graham C. Davey, 2018-12-17 Psychology continues to be one of the most popular fields of study at colleges and universities the world over and Psychology offers a comprehensive overview of the historical methodological and conceptual core of modern psychology This textbook enables students to gain foundational knowledge of psychological investigation exploring both the biological basis and mental processes underlying our thoughts and behaviours Officially endorsed by the British Psychological Society this book covers topics ranging from biological cognitive and developmental psychology to the psychology of social interactions psychopathology and mental health

treatments Each chapter provides detailed examination of essential topics chapter summaries real world case studies descriptions of research methods and interactive learning activities to strengthen student comprehension and retention This textbook offers a wealth of supplementary material for instructors of introductory and advanced undergraduate courses in psychology An instructor s manual includes lecture outlines classroom discussion topics homework assignments and test bank questions while online access to additional digital content provides a complete resource to facilitate effective teaching and learning

Chronic Mental Illness and the Changing Scope of Intervention Strategies, Diagnosis, and Treatment Prasad, Barre Vijaya,2016-07-18 Although the epidemiology of mental illnesses is innately complex there have been many strides in the diagnosis and treatment of chronic mental illnesses as more research is being conducted in the field As more information becomes available mental health professionals are able to develop more effective plans for caring for their patients Chronic Mental Illness and the Changing Scope of Intervention Strategies Diagnosis and Treatment examines emergent research on the identification and epidemiology of various mental illnesses Featuring information on the prevalence of the disease psychopharmacological advancements and strategies for the management of chronic mental illnesses this book is ideally suited for students psychiatrists psychologists neurologists social workers rehabilitation therapists and other health professionals interested in learning more about shifting practices in the mental health sector

International Perspectives on Family Caregiving Selwyn Stanley,2025-04-30 Meeting the need for a text for the academic community which recognises informal caregiving experiences this is compelling reading for scholars of social work health and social care medical sociology nursing psychology and counselling and allied disciplines

Treatment-Refractory Schizophrenia Peter F. Buckley,Fiona Gaughran,2014-03-18 Schizophrenia is often associated with an inadequate response to pharmacological and non pharmacological treatments How to treat patients who have an unsatisfactory response to anti psychotics including clozapine which is unequivocally the most powerful antipsychotic medication for this recalcitrant population remains a clinical conundrum A range of adjunctive medications have been tried with mixed results there has also been renewed interest in the role of neuromodulatory strategies electroconvulsive therapy and cognitive and vocational approaches Perhaps a bright spot for the future lies in the evolution of pharmacogenetic approaches for individualized care In this book leading experts from Europe Australia and the Americas provide a timely appraisal of treatments for the most severely ill schizophrenia patients This clinically focused book is informed by the latest research on the neurobiology and treatment of schizophrenia It is comprehensive in scope covering current treatment options various add on approaches and a range of psychosocial treatments The contributors are respected experts who have combined their clinical experience with cutting edge research to provide readers with authoritative information on fundamental aspects of clinical care for schizophrenia

Abnormal Psychology, Fifth Edition Ronald J. Comer,2004 Extensive updating throughout and a dramatically enhanced media and supplements package including all new video case studies makes this new edition of

Abnormal Psychology the most effective yet *Psychiatric Nursing* Mary Ann Boyd, 2005 AJN Book of the Year Based on the biological psychological sociological aspects of mental illness this comprehensive textbook maintains its grounded focus in current research and continues to reflect current practice The Third Edition includes a new NCLEX Tips box more patient teaching points highlighted nursing interventions and more health promotion The free CD ROM features a new clinical simulation and other student learning activities The ancillary package includes an Instructor s Resource CD ROM with a Test Generator Powerpoint slides and Instructor s Manual **A2 Level Psychology** Michael W. Eysenck, 2017-10-03 This thoroughly updated edition of the bestselling Psychology for A2 Level has been written specifically for the new AQA A Psychology A2 level specification for teaching from September 2009 It is the ideal follow up to AS Level Psychology 4th edition by the same author but also to any AS level textbook This full colour book which builds on the ideas and insights explored at AS Level to promote a deeper understanding of psychology is written in an engaging and accessible style by a highly experienced author It incorporates contributions advice and feedback from a host of A Level teachers and psychologists including Philip Banyard Evie Bentley Clare Charles Diana Dwyer Mark Griffiths and Craig Roberts At this level students select options from a range of specified topics and this book includes chapters on all of the compulsory and optional topics that are on the new A2 syllabus in sufficient depth for the requirements of the course It has a new focus on the nature and scope of psychology as a science with an emphasis on how science works and guidance on how to engage students in practical scientific research activities Presented in a clear reader friendly layout the book is packed with advice on exam technique hints and tips to give students the best chance possible of achieving the highest grade The book is supported by our comprehensive package of online student and teacher resources A2 Psychology Online Student resources feature a wealth of multimedia materials to bring the subject to life including our new A2 revision guide and A2 Workbook multiple choice quizzes revision question tips interactive exercises and podcasts by key figures in psychology Teacher resources include a teaching plan chapter by chapter lecture presentations and classroom exercises and activities **The ^AOxford Handbook of Depression and Comorbidity** C. Steven Richards, Michael W. O'Hara, 2014-04-17 The Oxford Handbook of Depression and Comorbidity brings together scholarly contributions from world class researchers to present a careful and empirically based review of depressive comorbidity **Current Treatments of Obsessive-Compulsive Disorder** Michele Tortora Pato, Joseph Zohar, 2008-11-01 During the 10 years since publication of the first edition of this comprehensive volume progress in neuroscience has had direct and immediate clinical implications in both the pharmacological and psychological arenas in the treatment of one of psychiatry s greatest challenges obsessive compulsive disorder OCD This second edition reflects this progress Chapters include the latest data on the use of all current OCD treatments in special populations such as the strictly religious the elderly children adolescents and those who are pregnant and all are illustrated with new and updated detailed case histories that highlight specific treatments and diagnostic issues This edition includes Three new

pharmacotherapy chapters that discuss the use of sertraline paroxetine and citalopram and updates of the original edition's chapters on clomipramine fluoxetine and fluvoxamine An expanded chapter on children and adolescents that emphasizes the benefits of early detection and describes the latest findings in immunological research with particular regard to pediatric autoimmune neurologic disorders associated with streptococcal infection PANDAS An expanded behavioral therapy chapter that encompasses not only detailed treatment plans for both individuals and groups including multifamily groups but also up to date empirical data to support their use The latest data on compounds for treating OCD twice the number of compounds are now available than when the first edition was published including details of the dramatic increase in our knowledge of pharmacokinetics receptor profiles interactions and comparative efficacy during the past decade The clinical implications of today's broadened definition of OCD which includes disorders such as body dysmorphic disorder trichotillomania pathological gambling and Tourette's syndrome and the complicated diagnostic and management issues with a call for innovative treatment approaches raised by the intimate relationship between OCD and schizophrenia 15% of patients with schizophrenia also have OCD A multidisciplinary approach to treatment resistant OCD which occurs in approximately 30% of all cases suggesting ways to combine our current knowledge and focus it on the treatment of a specific individual With their extensive clinical and research experience in treating OCD the distinguished contributors to this volume provide clinicians with the latest most reliable data so that they may better match treatment approaches with each patient's unique needs Of enduring practical value this updated how to manual will be welcomed by all clinicians treating patients with OCD as well as students and other interested clinicians as an effective tool in the ongoing challenge to understand and treat this frustrating disorder

Fundamentals of Abnormal Psychology Ronald J. Comer, 2004-04-23 This is a concise textbook on abnormal psychology that integrates various theoretical models sociocultural factors research clinical experiences and therapies The author encourages critical thinking about the science and study of mental disorders and also reveals the humanity behind them

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web publication dates janvier 1950 present number of issues published 56 1 4 aventures de spirou et fantasio 56 la mort de

spirou color couleur

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web toujours accompagné de son ami fantasio et de spip son écureuil fétiche spirou combat des méchants de tout poil aux quatre coins de la planète c est ainsi qu il luttera contre le terrible savant zorglub ou le malfaisant pirate john hélène qu il affrontera mafia italienne et triades chinoises à new york ou qu il ira percer en

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web imaginons notre héros à la houppette devenu un bad boy qui ne peut s empêcher de voler tout ce qui passe a ses côtés tu pourrais nous faire la même réponse alors oui quand on ne connaît

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web date of publication 1943 1946 language french chronology followed by spirou et fantasio 1948 spirou et l aventure written and drawn by jijé is the first published album containing spirou et fantasio adventures

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de palombie plus ou moins conscient et ressemblant à un sige à pelage de panthère

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