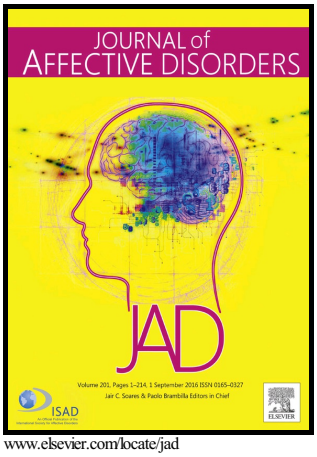
Author's Accepted Manuscript



www.elsevier.com/locate/jad

Delta-beta correlation as a candidate endophenotype of social anxiety: A two-generation family study

Anita Harrewijn, Melle J.W. van der Molen, Irene M. van Vliet, Jeanine J. Houwing-Duistermaat, P. Michiel Westenberg

PII: S0165-0327(17)31356-3
DOI: https://doi.org/10.1016/j.jad.2017.11.019
Reference: JAD9333

To appear in: *Journal of Affective Disorders*

Received date: 3 July 2017
Revised date: 1 October 2017
Accepted date: 7 November 2017

Cite this article as: Anita Harrewijn, Melle J.W. van der Molen, Irene M. van Vliet, Jeanine J. Houwing-Duistermaat and P. Michiel Westenberg, Delta-beta correlation as a candidate endophenotype of social anxiety: A two-generation family study, *Journal of Affective Disorders*, https://doi.org/10.1016/j.jad.2017.11.019

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.

ACCEPTED MANUSCRIPT

Delta-beta correlation as a candidate endophenotype of social anxiety: A two-generation family study

Anita Harrewijn[1,2*], Melle J.W. van der Molen[1,2], Irene M. van Vliet[3], Jeanine J. Houwing-Duistermaat[4,5], P. Michiel Westenberg[1,2]

[1]Developmental and educational psychology, Leiden University, The Netherlands

[2]Leiden Institute for Brain and Cognition, Leiden University, The Netherlands

[3]Department of Psychiatry, Leiden University Medical Center, The Netherlands

[4]Department of Medical Statistics and BioInformatics, Leiden University Medical Center, The Netherlands

[5]Department of Statistics, University of Leeds, United Kingdom

*Corresponding author: Wassenaarseweg 52, 2333 AK Leiden, The Netherlands. Tel.: +1 240 750 4038. anitaharrewijn@gmail.com

Abstract

Background

Social anxiety disorder (SAD) is characterized by an extreme and intense fear and avoidance of social situations. In this two-generation family study we examined delta-beta correlation during a social performance task as candidate endophenotype.

Methods

Nine families with a target participant (diagnosed with SAD), their spouse and children, as well as target's siblings with spouse and children performed a social performance task in which they gave a speech in front of a camera. EEG was measured during resting state, anticipation, and recovery. Our analyses focused on two criteria for endophenotypes: co-segregation within families and heritability.

Accepted manuscript

Download English Version:

https://daneshyari.com/en/article/8815910

Download Persian Version:

https://daneshyari.com/article/8815910

Daneshyari.com