Accepted Manuscript

Developmental changes within the genetic architecture of social communication behaviour: A multivariate study of genetic variance in unrelated individuals

Beate St Pourcain, Lindon J. Eaves, Susan M. Ring, Simon E. Fisher, Sarah Medland, David M. Evans, George Davey Smith

PII: S0006-3223(17)32008-5

DOI: 10.1016/j.biopsych.2017.09.020

Reference: BPS 13333

To appear in: Biological Psychiatry

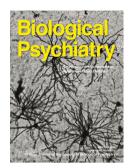
Received Date: 17 September 2016

Revised Date: 1 August 2017

Accepted Date: 17 September 2017

Please cite this article as: St Pourcain B., Eaves L.J, Ring S.M, Fisher S.E, Medland S., Evans D.M & Smith G.D., Developmental changes within the genetic architecture of social communication behaviour: A multivariate study of genetic variance in unrelated individuals, *Biological Psychiatry* (2017), doi: 10.1016/j.biopsych.2017.09.020.

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 proof before it is published in its final 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.



Abstract word length: 248 Article word length: 3998 Tables: 1 Figures: 3 Supplementary Methods: 6 Supplementary Tables: 12 Supplementary Figures: 3

Developmental changes within the genetic architecture of social communication behaviour: A multivariate study of genetic variance in unrelated individuals

Short title: A multivariate study of genetic variance in unrelateds

Beate St Pourcain^{1,2,3#}, Lindon J Eaves⁴, Susan M Ring^{2,5}, Simon E Fisher^{1,4}, Sarah Medland⁶, David M Evans^{2,7}, George Davey Smith^{2,5}

- 1 Language and Genetics Department, Max Planck Institute for Psycholinguistics, The Netherlands
- 2 MRC Integrative Epidemiology Unit (MRC IEU), University of Bristol, UK
- 3 Donders Institute for Brain, Cognition and Behaviour, Radboud University, The Netherlands
- 4 Department of Human and Molecular Genetics, Institute for Psychiatric and Behavioral Genetics, Commonwealth University School of Medicine, Richmond, Virginia, USA
- 5 School of Social and Community Medicine, University of Bristol, UK
- 6 Psychiatric Genetics, QIMR Berghofer Medical Research Institute, Queensland, Australia
- 7 University of Queensland Diamantina Institute, Translational Research Institute, University of Queensland, Queensland, Australia

Corresponding author

Postal address: Max Planck Institute for Psycholinguistics, Wundtlaan 1, 6525 XD Nijmegen, the Netherlands

e-mail: Beate.StPourcain@mpi.nl / Phone: +31 24 3521964 / Fax: +31 24 3521213

Download English Version:

https://daneshyari.com/en/article/8814188

Download Persian Version:

https://daneshyari.com/article/8814188

Daneshyari.com