

Autism Symptoms in Attention-Deficit/Hyperactivity Disorder: A Familial Trait which Correlates with Conduct, Oppositional Defiant, Language and Motor Disorders

Aisling Mulligan · Richard J. L. Anney · Myra O'Regan · Wai Chen ·
Louise Butler · Michael Fitzgerald · Jan Buitelaar · Hans-Christoph Steinhausen ·
Aribert Rothenberger · Ruud Minderaa · Judith Nijmeijer · Pieter J. Hoekstra ·
Robert D. Oades · Herbert Roeyers · Cathelijne Buschgens · Hanna Christiansen ·
Barbara Franke · Isabel Gabrieles · Catharina Hartman · Jonna Kuntsi ·
Rafaela Marco · Sheera Meidad · Ueli C. Müller · Lamprini Psychogiou ·
Nanda Rommelse · Margaret Thompson · Henrik Uebel · Tobias Banaschewski ·
Richard Ebstein · Jacques Eisenberg · Iris Manor · Ana Miranda ·
Fernando Mulas · Joseph Sergeant · Edmund Sonuga-Barke · Phil Asherson ·
Stephen V. Faraone · Michael Gill

Published online: 19 September 2008
© Springer Science+Business Media, LLC 2008

Erratum to: J Autism Dev Disord DOI 10.1007/s10803-008-0621-3

The following is a corrected version of Table 4:

The online version of the original article can be found under
doi:10.1007/s10803-008-0621-3.

A. Mulligan · R. J. L. Anney · M. O'Regan · L. Butler ·
M. Fitzgerald · M. Gill
Trinity College, Dublin, Ireland

A. Mulligan (✉)
Department of Psychiatry, Trinity Centre for Health Sciences,
St. James's Hospital, Dublin 8, Ireland
e-mail: mulliga@tcd.ie

W. Chen · J. Kuntsi · P. Asherson
Institute of Psychiatry,
London, De Crespigny Park, London SE5 8AF, UK

J. Buitelaar · C. Buschgens · B. Franke
Radboud University, Nijmegen, The Netherlands

H.-C. Steinhausen · U. C. Müller
University of Zurich, Zurich, Switzerland

A. Rothenberger · H. Uebel · T. Banaschewski
University of Göttingen, Göttingen, Germany

R. Minderaa · J. Nijmeijer · P. J. Hoekstra · C. Hartman
University of Groningen, Groningen, The Netherlands

R. D. Oades · H. Christiansen
University Clinic for Child and Adolescent Psychiatry, Essen,
Essen, Germany

H. Roeyers · I. Gabrieles
Ghent University, Ghent, Belgium

R. Marco · A. Miranda
University of Valencia, Valencia, Spain

S. Meidad · R. Ebstein · I. Manor
Geha Mental Health Center, Petak Tikvah, Israel

L. Psychogiou · M. Thompson · E. Sonuga-Barke
University of Southampton, Southampton, UK

N. Rommelse · J. Sergeant
Vrije Universiteit, Amsterdam, The Netherlands

J. Eisenberg
S. Herzog Memorial Hospital, Jerusalem, Israel

F. Mulas
University Hospital La Fe, Valencia, Spain

S. V. Faraone
SUNY Upstate Medical University, Syracuse, NY, USA

Table 4 Cluster analysis: SCQ responses for ADHD probands

Size of the clusters	ADI	Cluster 1 31%	Cluster 2 22.5%	Cluster 3 21%	Cluster 4 18.5%	Cluster 5 7%
Conversations	C	----	----	----	----	--
Stereotyped utterances	C	----	++	---	---	+++
Inappropriate questions	C	--	+++	--	-	++++
Pronoun reversal	C	----	---	----	----	+
Neologisms	C	----	+	----	----	++
Verbal rituals	R	----	-	----	----	+++
Compulsions and rituals	R	----	-	----	----	+++
Inapprop. facial expression	S	----	----	----	----	--
Use of other's body to commun.	S	----	---	----	----	-
Unusual preoccupations	R	----	---	----	----	-
Repetitive use of objects	R	----	+	----	---	++++
Circumscribed interests	R	----	+	----	----	++
Unusual sensory interests	R	----	--	----	----	-
Hand and finger mannerisms	R	----	--	----	----	--
Complex body mannerisms	R	----	-	----	----	+++
Self injury	-	----	--	----	---	+
Unusual attachment to objects	R	----	----	----	----	--
Friends	S	--	---	--	-	+
4–5 social chat	C	----	---	-	+	+
4–5 imitation	C	----	----	--	+	-
4–5 point to express interest	C	----	----	--	--	----
4–5 gestures	C	----	--	++++	++	+
4–5 nod yes	C	----	----	--	--	----
4–5 shake head no	C	----	----	--	--	----
4–5 eye gaze	S	----	--	--	+	++++
4–5 social smile	S	----	----	----	--	+
4–5 showing and directing attention	S	----	----	----	----	----
4–5 offer to share	S	----	----	----	-	++
4–5 shared enjoyment	S	----	----	----	----	-
4–5 offer comfort	S	----	----	----	--	----
4–5 quality of social overtures	S	----	----	--	--	----
4–5 range facial expression	S	----	----	----	----	----
4–5 imitative social play	C	----	----	----	+++	++
4–5 imaginative play	C	----	----	----	+	+
4–5 interested other children	S	----	----	----	++	+++
4–5 respond to other children	S	----	----	----	-	++
4–5 attention to voice	-	----	--	----	+	++++
4–5 imaginative play peers	S	----	--	----	+++	++++
4–5 group play	S	----	--	----	+++	+++

Key: +'s indicate presence of symptom; -'s indicate absence of symptoms; ++++ indicates symptom present in 80–100%; ++ indicates symptom present in 70–80%; + indicates symptom present in 60–70%; + indicates symptom present in 50–60%; ---- indicates symptom absent in 80–100%; --- indicates symptom absent in 70–80%; -- indicates symptom absent in 60–70%; - indicates symptom absent in 50–60%

ADI domains: S = social reciprocal interaction domain, C = communication domain, R = repetitive behaviour and stereotyped patterns domain