



Correction: Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia

Ida E. Sønderby¹ · Ómar Gústafsson² · Nhat Trung Doan¹ · Derrek P. Hibar^{3,4} · Sandra Martin-Brevet⁵ · Abdel Abdellaoui^{6,7} · David Ames^{8,9} · Katrin Amunts^{10,11,12} · Michael Andersson¹³ · Nicola J. Armstrong¹⁴ · Manon Bernard¹⁵ · Nicholas Blackburn¹⁶ · John Blangero¹⁶ · Dorret I. Boomsma¹⁷ · Janita Bralten¹⁸ · Hans-Richard Brattbak^{19,20} · Henry Brodaty²¹ · Rachel M. Brouwer²² · Robin Bülow²³ · Vince Calhoun²⁴ · Svenja Caspers^{10,11,12} · Gianpiero Cavalleri²⁵ · Chi-Hua Chen^{26,27} · Sven Cichon^{28,29,30} · Simone Ciufolini³¹ · Aiden Corvin³² · Benedicto Crespo-Facorro^{33,34} · Joanne E. Curran¹⁶ · Anders M. Dale²⁷ · Shareefa Dalvie³⁵ · Paola Dazzan^{36,37} · Eco J. C. de Geus^{38,39} · Greig I. de Zubicaray⁴⁰ · Sonja M. C. de Zwart²² · Norman Delanty^{25,41} · Anouk den Braber^{38,42} · Sylvane Desrivières⁴³ · Gary Donohoe^{44,45} · Bogdan Draganski^{46,47} · Stefan Ehrlich^{48,49,50} · Thomas Espeseth^{1,51} · Simon E. Fisher^{52,53} · Barbara Franke^{18,53,54} · Vincent Frouin⁵⁵ · Masaki Fukunaga⁵⁶ · Thomas Gareau⁵⁵ · David C. Glahn^{57,58} · Hans Grabe⁵⁹ · Nynke A. Groenewold³⁵ · Jan Haavik⁶⁰ · Asta Håberg⁶¹ · Ryota Hashimoto⁶² · Jayne Y. Hehir-Kwa⁶³ · Andreas Heinz⁶⁴ · Manon H. J. Hillegers^{22,65} · Per Hoffmann^{29,30,66} · Laurena Holleran⁶⁷ · Jouke-Jan Hottenga⁶ · Hilleke E. Hulshoff²² · Masashi Ikeda⁶⁸ · Neda Jahanshad³ · Terry Jernigan⁶⁹ · Christiane Jockwitz^{10,12,70} · Stefan Johansson^{20,60} · Gudrun A. Jonsdottir² · Erik G. Jönsson^{1,71} · Rene Kahn²² · Tobias Kaufmann¹ · Sinead Kelly⁶⁷ · Masataka Kikuchi⁷² · Emma E. M. Knowles⁷³ · Knut K. Kolskår^{1,51,74} · John B. Kwok⁷⁵ · Stephanie Le Hellard^{76,77} · Costin Leu^{78,79} · Jingyu Liu^{80,81} · Astri J. Lundervold^{60,82} · Arvid Lundervold⁸³ · Nicholas G. Martin⁸⁴ · Karen Mather⁸⁵ · Samuel R. Mathias⁷³ · Mark McCormack^{86,87} · Katie L. McMahon⁸⁸ · Allan McRae⁸⁹ · Yuri Milaneschi⁹⁰ · Clara Moreau⁹¹ · Derek Morris^{44,45} · David Mothersill⁶⁷ · Thomas W. Mühleisen^{28,29} · Robin Murray⁹² · Jan E. Nordvik⁷⁴ · Lars Nyberg¹³ · Loes M. Olde Loohuis⁹³ · Roel Ophoff^{22,93} · Tomas Paus^{94,95,96,97} · Zdenka Pausova¹⁵ · Brenda Penninx⁹⁸ · Juan M. Peralta¹⁶ · Bruce Pike⁹⁹ · Carlos Prieto¹⁰⁰ · Sara Pudas^{13,101} · Erin Quinlan¹⁰² · Daniel S. Quintana^{1,51} · Céline S. Reinbold^{29,30} · Tiago Reis Marques^{36,103} · Alexandre Reymond¹⁰⁴ · Genevieve Richard^{1,51,74} · Borja Rodriguez-Herreros^{5,91} · Roberto Roiz-Santiañez^{33,34} · Jarek Rokicki¹ · James Rucker^{37,43} · Perminder Sachdev⁸⁵ · Anne-Marthe Sanders^{1,51,75} · Sigrid B. Sando^{61,105} · Lianne Schmaal^{106,107,108} · Peter R. Schofield^{109,110} · Andrew J. Schork²⁷ · Gunter Schumann⁴³ · Jean Shin^{15,93} · Elena Shumskaya^{18,53} · Sanjay Sisodiya^{111,112} · Vidar M. Steen^{76,77} · Dan J. Stein^{113,114} · Stacy Steinberg² · Lachlan Strike¹¹⁵ · Alexander Teumer¹¹⁶ · Anbu Thalamuthu⁸⁵ · Diana Tordesillas-Gutierrez^{34,117} · Jessica Turner¹¹⁸ · Torill Ueland¹ · Anne Uhlmann^{35,119,120} · Magnus O. Ulfarsson^{2,121} · Dennis van 't Ent⁶ · Dennis van der Meer¹ · Neeltje E. M. van Haren²² · Anja Vaskinn¹ · Evangelos Vassos¹²² · G. Bragi Walters^{2,123} · Yunpeng Wang¹ · Wei Wen⁸⁵ · Christopher D. Whelan⁸⁶ · Katharina Wittfeld¹²⁴ · Margie Wright^{84,125} · Hidenaga Yamamori¹²⁶ · Tetyana Zayats^{60,83} · Ingrid Agartz¹ · Lars T. Westlye^{1,51} · Sébastien Jacquemont^{91,127} · Srdjan Djurovic^{76,128} · Hreinn Stefánsson² · Kári Stefánsson^{2,123} · Paul Thompson³ · Ole A. Andreassen¹ ·  · 

for the 16p11.2 European Consortium, for the ENIGMA-CNV working group

Published online: 31 January 2019
© Springer Nature Limited 2019

Correction to: Molecular Psychiatry

<https://doi.org/10.1038/s41380-018-0118-1>
published online 3 October 2018

✉ Ole A. Andreassen
andreassen@medisin.uio.no

Extended author information available on the last page of the article.

Prior to and following the publication of this article the authors noted that the complete list of authors was not included in the main article and was only present in Supplementary Table 1. The author list in the original article has now been updated to include all authors, and Supplementary Table 1 has been removed. All other supplementary files have now been updated accordingly. Furthermore, in Table 1 of this Article, the replication cohort for the row

Close relative in data set, n (%) was incorrect. All values have now been corrected to 0(0%). The publishers would

like to apologise for this error and the inconvenience it may have caused.

- ¹ NORMENT, K.G. Jebsen Centre for Psychosis Research, Institute of Clinical Medicine, University of Oslo and Division of Mental Health and Addiction, Oslo University Hospital, Oslo, Norway
- ² deCODE Genetics/Amgen, Reykjavik, Iceland
- ³ Imaging Genetics Center, Mark and Mary Stevens Neuroimaging and Informatics Institute, Keck School of Medicine of the University of Southern California, Marina del Rey, USA
- ⁴ Janssen Research and Development, La Jolla, CA, USA
- ⁵ Service of Medical Genetics, Centre Hospitalier Universitaire Vaudois and University of Lausanne, Rue du Bugnon 46, 1011 Lausanne, Switzerland
- ⁶ Biological Psychology, Vrije Universiteit Amsterdam, van Boechorststraat 1, 1081 BT Amsterdam, The Netherlands
- ⁷ Department of Psychiatry, Academic Medical Center, Amsterdam, The Netherlands
- ⁸ National Ageing Research Institute, Melbourne, Australia
- ⁹ Academic Unit for Psychiatry of Old Age, University of Melbourne, Melbourne, Australia
- ¹⁰ Institute of Neuroscience and Medicine (INM-1), Research Centre Juelich, Wilhelm-Johnen-Str., 52425 Juelich, Germany
- ¹¹ C. and O. Vogt Institute for Brain Research, Medical Faculty, University of Dusseldorf, Merowingerplatz 1A, 40225 Dusseldorf, Germany
- ¹² JARA-BRAIN, Juelich-Aachen Research Alliance, Wilhelm-Johnen-Str., 52425 Juelich, Germany
- ¹³ Umeå Center for Functional Brain Imaging (UFBI), Umeå University, 90187 Umeå, Sweden
- ¹⁴ Mathematics and Statistics, Murdoch University, Perth, Australia
- ¹⁵ The Hospital for Sick Children, University of Toronto, Toronto M5G 1X8, Canada
- ¹⁶ South Texas Diabetes and Obesity Institute, Department of Human Genetics, School of Medicine, University of Texas Rio Grande Valley, One West University Blvd., 78520 Brownsville, TX, USA
- ¹⁷ Netherlands Twin Register, Vrije Universiteit, van der Boechorststraat 1, 1081BT Amsterdam, Netherlands
- ¹⁸ Department of Human Genetics, Radboud University Medical Center, Nijmegen, The Netherlands
- ¹⁹ Department of Clinical Science, University of Bergen, Bergen, Norway
- ²⁰ Center for Medical Genetics and Molecular Medicine, Haukeland University Hospital, Bergen, Norway
- ²¹ Centre for Healthy Brain Ageing and Dementia Collaborative Research Centre, UNSW, Sydney, Australia
- ²² Department of Psychiatry, Brain Center Rudolf Magnus, University Medical Center Utrecht, Utrecht, The Netherlands
- ²³ Department of Diagnostic Radiology and Neuroradiology, University Medicine Greifswald, Greifswald, Germany
- ²⁴ The Mind Research Network, The University of New Mexico, Albuquerque, NM, Mexico
- ²⁵ The Royal College of Surgeons in Ireland, 123 St Stephen's Green, Dublin 2, Ireland
- ²⁶ Department of Radiology, University of California San Diego, La Jolla, USA
- ²⁷ Center for Multimodal Imaging and Genetics, University of California San Diego, La Jolla, USA
- ²⁸ Institute of Neuroscience and Medicine (INM-1), Structural and Functional Organisation of the Brain, Genomic Imaging, Research Centre Juelich, Leo-Brandt-Strasse 5, 52425 Jülich, Germany
- ²⁹ Human Genomics Research Group, Department of Biomedicine, University of Basel, Hebelstrasse 20, 4031 Basel, Switzerland
- ³⁰ Institute of Medical Genetics and Pathology, University Hospital Basel, Schönbeinstrasse 40, 4031 Basel, Switzerland
- ³¹ Psychosis Studies, Institute of Psychiatry, Psychology and Neuroscience, King's College London, 16 De Crespigny Park, SE5 8AF London, UK
- ³² Neuropsychiatric Genetics Research Group, Discipline of Psychiatry, School of Medicine, Trinity College Dublin, Dublin 2, Ireland
- ³³ Department of Medicine and Psychiatry, University Hospital Marqués de Valdecilla, School of Medicine, University of Cantabria-IDIVAL, 39008 Santander, Spain
- ³⁴ CIBERSAM (Centro Investigación Biomédica en Red Salud Mental), Santander 39011, Spain
- ³⁵ Department of Psychiatry and Mental Health, Anzio Road, 7925 Cape Town, South Africa
- ³⁶ Department of Psychosis Studies, Institute of Psychiatry, Psychology and Neuroscience, King's College London, De Crespigny Park, SE5 8AF London, UK
- ³⁷ National Institute for Health Research (NIHR) Mental Health Biomedical Research Centre at South London and Maudsley NHS Foundation Trust and King's College London, London, UK
- ³⁸ Department of Biological Psychology, Behavioral and Movement Sciences, Vrije Universiteit, van der Boechorststraat 1, 1081 BT Amsterdam, Netherlands
- ³⁹ Amsterdam Neuroscience, VU University Medical Center, van der Boechorststraat 1, 1081 BT Amsterdam, NH, Netherlands
- ⁴⁰ Faculty of Health and Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, QLD, Australia
- ⁴¹ Imaging of Dementia and Aging (IDeA) Laboratory, Department of Neurology and Center for Neuroscience, University of California at Davis, 4860 Y Street, Suite 3700, Sacramento, CA 95817, USA

- 42 Alzheimer Center and Department of Neurology, VU University Medical Center, De Boelelaan 1105, 1081HV Amsterdam, Netherlands
- 43 Medical Research Council – Social, Genetic and Developmental Psychiatry Centre, Institute of Psychiatry, Psychology & Neuroscience, King’s College London, London, UK
- 44 Cognitive Genetics and Cognitive Therapy Group, Neuroimaging, Cognition & Genomics Centre (NICOG) & NCBES Galway Neuroscience Centre, School of Psychology and Discipline of Biochemistry, National University of Ireland Galway, H91 TK33 Galway, Ireland
- 45 Neuropsychiatric Genetics Research Group, Department of Psychiatry and Trinity College Institute of Psychiatry, Trinity College Dublin, Dublin 8, Ireland
- 46 LREN - Département des neurosciences cliniques, Centre Hospitalier Universitaire Vaudois and University of Lausanne, Lausanne, Switzerland
- 47 Max-Planck-Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
- 48 Division of Psychological and Social Medicine and Developmental Neurosciences, Faculty of Medicine, TU Dresden, 01307 Dresden, Germany
- 49 Department of Psychiatry, Massachusetts General Hospital, Massachusetts, MA 02114, USA
- 50 Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Charlestown, MA 02129, USA
- 51 Department of Psychology, University of Oslo, Oslo, Norway
- 52 Language and Genetics Department, Max Planck Institute for Psycholinguistics, Wundtlaan 1, 6525 XD Nijmegen, Netherlands
- 53 Donders Institute for Brain, Cognition and Behaviour, Radboud University, Nijmegen, Netherlands
- 54 Department of Psychiatry, Radboud University Medical Center, Nijmegen, The Netherlands
- 55 NeuroSpin, CEA, Université Paris-Saclay, F-91191 Gif-sur-Yvette, France
- 56 Division of Cerebral Integration, National Institute for Physiological Sciences, Aichi, Japan
- 57 Yale University School of Medicine, 40 Temple Street, Suite 6E, 6511 New Haven, Vaud, USA
- 58 Olin Neuropsychiatric Research Center, Institute of Living, Hartford Hospital, 300 George Street, 6106 Hartford, CT, USA
- 59 Department of Psychiatry und Psychotherapie, University Medicine Greifswald, Greifswald, Germany
- 60 K.G. Jebsen Centre for Neuropsychiatric Disorders, University of Bergen, Bergen, Norway
- 61 Department of Neuroscience, Faculty of Medicine, Norwegian University of Science and Technology, Trondheim, Norway
- 62 Molecular Research Center for Children’s Mental Development, United Graduate School of Child Development, Osaka University, Suita, Osaka, Japan
- 63 Princess Máxima Center for Pediatric Oncology, Lundlaan 6, 3584 EA Utrecht, The Netherlands
- 64 Dept. of Psychiatry and Psychotherapie, Charite, Humboldt University, Chariteplatz 1, 10017 Berlin, Germany
- 65 Child and adolescent Psychiatry / Psychology, Erasmus medical center-Sophia’s Childerens hospitaal, Rotterdam, Wytemaweg 8, 3000 CB Rotterdam, The Netherlands
- 66 Institute of Human Genetics, University of Bonn, Sigmund-Freud-Str. 25, 53127 Bonn, Germany
- 67 The Centre for Neuroimaging & Cognitive Genomics (NICOG) and NCBES Galway Neuroscience Centre, National University of Ireland Galway, Galway, Ireland
- 68 Department of Psychiatry, Fujita Health University School of Medicine, Toyoake, Japan
- 69 Center for Human Development, University of California San Diego, San Diego, CA, USA
- 70 Department of Psychiatry, Psychotherapy and Psychosomatics, RWTH Aachen University, Medical Faculty, Pauwelsstraße 30, 52074 Aachen, Germany
- 71 Department of Clinical Neuroscience, Centre for Psychiatric Research, Karolinska Institutet, Karolinska University Hospital Solna, R5:00, SE-17176 Stockholm, Sweden
- 72 Department of Genome Informatics, Graduate School of Medicine, Osaka University, 2-2, Yamadaoka, Suita, Osaka 565-0871, Japan
- 73 Department of Psychiatry, Yale University, 40 Temple Street, 6515 New Haven, CT, USA
- 74 Sunnaas Rehabilitation Hospital HT, Nesodden, Norway
- 75 Brain and Mind Centre, University of Sydney, Sydney, Australia
- 76 NORMENT - KG Jebsen Centre, Department of Clinical Science, University of Bergen, Jonas Lies veg 87, 5021 Bergen, Norway
- 77 Dr. Einar Martens Research Group for Biological Psychiatry, Center for Medical Genetics and Molecular Medicine, Haukeland University Hospital, Jonas Lies veg 87, 5021 Bergen, Norway
- 78 Genomic Medicine Institute, Lerner Research Institute, Cleveland Clinic, Cleveland, OH, USA
- 79 Institute of Neurology, University College London, London, UK
- 80 The Mind Research Network, 1101 Yale Blvd., 87106 Albuquerque, CT, USA
- 81 Dept. of Electrical and Computer Engineering, University of New Mexico, 87131 Albuquerque, NM, USA
- 82 Department of Biological and Medical Psychology, Jonas Lies vei 91, N-5009 Bergen, Norway
- 83 Department of Biomedicine, University of Bergen, 5009 Bergen, Norway
- 84 QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia
- 85 Centre for Healthy Brain Ageing, School of Psychiatry, University of New South Wales, Sydney, NSW 2052, Australia

- ⁸⁶ Molecular and Cellular Therapeutics, Royal College of Surgeons in Ireland, 123 St. Stephens Green, D02 YN77 Dublin, Ireland
- ⁸⁷ Centre for Molecular Medicine, University Medical Center Utrecht, Heidelberglaan 100, 3584 CX Utrecht, Netherlands
- ⁸⁸ Centre for Advanced Imaging, University of Queensland, Brisbane, QLD, Australia
- ⁸⁹ Program in Complex Trait Genomics, Institute for Molecular Bioscience, University of Queensland, St Lucia, QLD, Australia
- ⁹⁰ Department of Psychiatry, Amsterdam Public Health and Amsterdam Neuroscience, VU University Medical Center/GGZ inGeest, Amsterdam, The Netherlands, Oldenaller 1, 1081 HJ Amsterdam, The Netherlands
- ⁹¹ CHU Sainte-Justine Research Center, Université de Montréal, Montréal, QC, Canada
- ⁹² Departments of Psychosis Studies, Institute of Psychiatry, Psychology & Neuroscience, King's College London, London, UK
- ⁹³ Center for Neurobehavioral Genetics, University of California, Los Angeles, Los Angeles, CA 90095, USA
- ⁹⁴ Rotman Research Institute, University of Toronto, Toronto, ON M6A 2E1, Canada
- ⁹⁵ Department of Psychiatry, University of Toronto, Toronto, ON M5S 1A1, Canada
- ⁹⁶ Center for Developing Brain, Child Mind Institute, New York, NY 10022, USA
- ⁹⁷ Department of Psychology, University of Toronto, Toronto, ON M5S 1A1, Canada
- ⁹⁸ Department of Psychiatry, Amsterdam Public Health and Amsterdam Neuroscience, VU University Medical, Amsterdam, Netherlands
- ⁹⁹ Departments of Radiology & Clinical Neuroscience, University of Calgary, Calgary, AB T2N 1N4, Canada
- ¹⁰⁰ Bioinformatics Service, Nucleus, University of Salamanca (USAL), 37007 Salamanca, Spain
- ¹⁰¹ Department of Integrative Medical Biology, Linnéus väg 9, 901 87 Umeå, Sweden
- ¹⁰² Centre for Population Neuroscience and Stratified Medicine, Social, Genetic and Development Psychiatry Centre, Institute of Psychiatry, Psychology and Neuroscience, King's College London, 16 De Crespigny Park, SE5 8AF London, UK
- ¹⁰³ Psychiatry Imaging Group, MRC London Institute of Medical Sciences, Faculty of Medicine, Imperial College London, Hammersmith Hospital, Du Cane Road, W12 0NN London, UK
- ¹⁰⁴ Center for Integrative Genomics, University of Lausanne, Genopode building, CH-1015 Lausanne, Switzerland
- ¹⁰⁵ Department of Neurology, University Hospital of Trondheim, Edvard Griegs gate 8, N-7006 Trondheim, Norway
- ¹⁰⁶ Orygen, The National Centre of Excellence in Youth Mental Health, 35 Poplar Road, 3502 Parkville, NM, Australia
- ¹⁰⁷ Centre for Youth Mental Health, The University of Melbourne, 35 Poplar Road, 3502 Parkville, VIC, Australia
- ¹⁰⁸ Department of Psychiatry, VU University Medical Center, 1007 MB Amsterdam, The Netherlands
- ¹⁰⁹ Neuroscience Research Australia, Randwick, Australia
- ¹¹⁰ School of Medical Sciences, University of New South Wales, Sydney, NSW, Australia
- ¹¹¹ Department of Clinical and Experimental Epilepsy, UCL Institute of Neurology, London, UK
- ¹¹² Chalfont Centre for Epilepsy, London, UK
- ¹¹³ Dept of Psychiatry, University of Cape Town, Groote Schuur Hospital, Anzio Rd, 7925 Cape Town, South Africa
- ¹¹⁴ MRC Unit on Risk & Resilience in Mental Disorders, Stellenbosch, South Africa
- ¹¹⁵ Queensland Brain Institute, University of Queensland, St Lucia, QLD, Australia
- ¹¹⁶ Institute for Community Medicine, University Medicine Greifswald, Greifswald, Germany
- ¹¹⁷ Neuroimaging Unit, Technological Facilities. Valdecilla Biomedical Research Institute IDIVAL, Santander, Cantabria 39011, Spain
- ¹¹⁸ Department of Psychology, Georgia State University, Atlanta, GA, USA
- ¹¹⁹ Department of Psychiatry, Stellenbosch University, TBH Francie van Zijl Avenue, 7500 Cape Town, South Africa
- ¹²⁰ Department of Psychiatry, 1 South Prospect Street, 5401 Burlington, VT, USA
- ¹²¹ Faculty of Electrical and Computer Engineering, University of Iceland, Reykjavik, Iceland
- ¹²² MRC Social, Genetic and Developmental Psychiatry Centre, Institute of Psychiatry, Psychology and Neuroscience, King's College London, 16 De Crespigny Park, SE5 8AF London, UK
- ¹²³ Faculty of Medicine, University of Iceland, Reykjavik, Iceland
- ¹²⁴ German Center for Neurodegenerative Diseases (DZNE), Rostock, Greifswald, Greifswald, Germany
- ¹²⁵ Centre for Advanced Imaging, University of Queensland, St Lucia, QLD, Australia
- ¹²⁶ Department of Psychiatry, Osaka University Graduate School of Medicine, Suita, Osaka, Japan
- ¹²⁷ Department of Pediatrics, University of Montreal, Montreal, QC H3C 3J7, Canada
- ¹²⁸ Department of Medical Genetics, Oslo University Hospital, Kirkeveien 166, 424 Oslo, Norway