- 13 Williams J, Allison C, Scott F, Stott C, Bolton P, Baron-Cohen S, et al. The Childhood Asperger Syndrome Test (CAST): test-retest reliability. *Autism* 2006; 10: 415–27.
- 14 Wechsler D. Wechsler Intelligence Scale for Children (3rd edn) (WISC–III–UK). The Psychological Corporation, 1992.
- 15 McCarthy D. McCarthy Scales of Children's Abilities. The Psychological Corporation, 1972.
- 16 Petrill S, Rempell J, Oliver B, Plomin R. Testing cognitive abilities by telephone in a sample of 6-to-8-year olds. *Intelligence* 2002; 30: 353–60.
- 17 Lohman D, Hagen E, Thorndike R. Cognitive Abilities Test (3rd edn) (CAT3). nferNELSON, 2003.
- 18 Goodman R, Ford T, Richards H, Gatward R, Meltzer H. The Development and Well-Being Assessment: description and initial validation of an integrated assessment of child and adolescent psychopathology. J Child Psychol Psychiatry 2000; 41: 645–55.
- 19 Neale MC, Boker SM, Xie G, Maes HH. Mx: Statistical Modeling. Virginia Commonwealth University Department of Psychiatry, 2006.
- 20 Plomin R. Genetic risk and psychosocial disorders: links between the normal and abnormal. In *Biological Risk Factors for Psychosocial Disorders* (eds M Rutter & P Casaer): 101–38. Cambridge University Press, 1991.
- 21 DeFries JC, Fulker DW. Multiple regression analysis of twin data: etiology of deviant scores versus individual differences. Acta Genet Med Gemellol (Roma) 1988; 37: 205–16.
- 22 Light JG, DeFries JC. Comorbidity of reading and mathematics disabilities: genetic and environmental etiologies. J Learn Disabil 1995; 28: 96–106.
- 23 Plomin R, DeFries JC. Multivariate behavioral genetic analysis of twin data on scholastic abilities. *Behav Genet* 1979; 9: 505–17.
- 24 Knopik VS, Alarcón M, DeFries JC. Comorbidity of mathematics and reading deficits: evidence for a genetic etiology. *Behav Genet* 1997; 27: 447–53.
- 25 Kovas Y, Haworth CMA, Dale PS, Plomin R. The genetic and environmental origins of learning abilities and disabilities in the early school years. *Monogr Soc Res Child Dev* 2007; 72: 1–144.
- 26 Hoekstra RA, Bartels M, Verweij CJH, Boomsma DI. Heritability of autistic traits in the general population. Arch Pediatr Adolesc Med 2007; 161: 372–7.
- 27 Goin-Kochel RP, Mazefsky CA, Riley BP. Level of functioning in autism spectrum disorders: phenotypic congruence among affected siblings. J Autism Dev Disord 2008; 38: 1019–27.
- 28 MacLean JE, Szatmari P, Jones MB, Bryson SE, Mahoney WJ, Bartolucci G, et al. Familial factors influence level of functioning in pervasive developmental disorder. J Am Acad Child Adolesc Psychiatry 1999; 38: 746–53.
- 29 Fombonne E, Bolton P, Prior J, Jordan H, Rutter M. A family study of autism: cognitive patterns and levels in parents and siblings. J Child Psychol Psychiatry 1997; 38: 667–83.

- **30** Folstein SE, Santangelo SL, Gilman SE, Piven J, Landa R, Lainhart J, et al. Predictors of cognitive test patterns in autism families. *J Child Psychol Psychiatry* 1999; **40**: 1117–28.
- 31 Szatmari P, Jones MB, Holden J, Bryson S, Mahoney W, Tuff L, et al. High phenotypic correlations among siblings with autism and pervasive developmental disorders. Am J Med Genet 1996; 67: 354–60.
- 32 Dawson M, Soulières I, Gernsbacher MA, Mottron L. The level and nature of autistic intelligence. *Psychol Sci* 2007; 18: 657–62.
- 33 Scheuffgen K, Happé F, Anderson M, Frith U. High "intelligence," low "IQ"? Speed of processing and measured IQ in children with autism. *Dev Psychopathol* 2000; 12: 83–90.
- 34 Lord C, Risi S, Lambrecht L, Cook EH Jr, Leventhal BL, DiLavore PC, et al. The Autism Diagnostic Observation Schedule – Generic: a standard measure of social and communication deficits associated with the spectrum of autism. J Autism Dev Disord 2000; 30: 205–23.
- 35 Lord C, Rutter M, Le Couleur A. Autism Diagnostic Interview Revised: a revised version of a diagnostic interview for caregivers of individuals with possible pervasive developmental disorders. J Autism Dev Disord 1994; 24: 659–85.
- 36 Hus V, Pickles A, Cook EH, Risi S, Lord C. Using the autism diagnostic interview-revised to increase phenotypic homogeneity in genetic studies of autism. *Biol Psychiatry* 2007; 61: 438–48.
- **37** Georgiades S, Szatmari P, Zwaigenbaum L, Duku E, Bryson S, Roberts W, et al. Structure of the Autism Symptom Phenotype: a proposed multidimensional model. *J Am Acad Child Adolesc Psychiatry* 2007; **46**: 188–96.
- 38 Spiker D, Lotspeich LJ, Dimiceli S, Myers RM, Risch N. Behavioral phenotypic variation in autism multiplex families: evidence for a continuous severity gradient. Am J Med Genet 2002; 114: 129–36.
- **39** Bailey A, Palferman S, Heavey L, Le Couteur A. Autism: the phenotype in relatives. *J Autism Dev Disord* 1998; **28**: 369–92.
- 40 Bishop DVM, Maybery M, Wong D, Maley A, Hallmayer J. Characteristics of the broader phenotype in autism: a study of siblings using the children's communication checklist-2. *Am J Med Genet B Neuropsychiatr Genet* 2006; 141B: 117–22.
- 41 Abrahams BS, Geschwind DH. Advances in autism genetics: on the threshold of a new neurobiology. *Nat Rev Genet* 2008; **9**: 341–55.
- 42 Persico AM, Bourgeron T. Searching for ways out of the autism maze: genetic, epigenetic and environmental clues. *Trends Neurosci* 2006; 29: 349–58





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Global warming

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Much scientific consensus has developed that global warming is a major threat to the well-being of our planet and ourselves. This danger includes mental health. Violence, trauma and anxiety are all projected to increase. Psychology has also contributed to the genesis and delayed responsiveness to global warming, given the use of denial, narcissism, and fear of change on the part of politicians and citizens. Given the importance of psychiatry for this social problem, psychiatrists should be at the forefront of 'going green' in terms of advocacy, modelling and solutions. We are not yet, but our ethical duty requires more.

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