

Dr. Jelte M. Wicherts

Curriculum Vitae

February, 5, 2012

Personal

Name: Jelte Michiel Wicherts
Born: September, 13th, 1976 in Amersfoort, The Netherlands
Marital status: Married to Niki Wicherts-Laan, 2 children (Tobe 1-2009 & Pelle 10-2010)
Work Address: Psychological Methods, Roetersstraat 15, 1018 WB Amsterdam, The Netherlands
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Researcher ID: <http://www.researcherid.com/rid/A-2664-2008>

Education

January 2009 BKO teaching certificate, University of Amsterdam
March 2007 PhD (Cum Laude), Psychological Methods, University of Amsterdam
Promotor: Prof. Dr. H.L.J. van der Maas, Co-Promotor: Dr. C.V. Dolan.
Thesis title: *Group Differences in Intelligence Test Performance*.
January 2007 Certificate Test and Questionnaire Construction, University of Amsterdam
May 2002 Drs. (Master of Arts/Science Cum Laude), Psychological Methods, University of Amsterdam
Supervisors: Prof. Dr. G. J. Mellenbergh, H.C.M. Vorst
Thesis title: *Measurement equivalence of paper-and-pencil and computerized administration of questionnaires: Alexithymia, social desirability, and anxiety*

Post-doctoral courses taken

-2010 Grant writing seminar, University of Amsterdam.
-2008-2009 Professionalizing trajectory VENI/VIDI laureates (seminars on academic leadership, didactics, & financial management), University of Amsterdam.
-2006 Postdoctoral course *Meta-Analysis*, Wolfgang Viechtbauer, Maastricht University
-2006 Six-day course *Didactics UvA lecturer*, University of Amsterdam
-2004 Postdoctoral course *Multilevel Analysis*, Joop Hox and others, Utrecht University
-2004 Seminar *Bayesian Statistics*, Herbert Hoitink and others, Utrecht University
-2004 *Amsterdam Workshop on Model Selection*, University of Amsterdam
-2003 Postdoctoral course *Introduction to Numerical Techniques for Statisticians*, Geert Molenberghs and others, Catholic University Leuven
-2003 Seminar *New model equivalences based in structural equation modeling*, Peter Molenaar, University of Amsterdam

Courses Taught

-2010- Research Master course *Measurement Invariance* (20 students)
-2010- *Research Methods and Statistics 1*, Psychology freshmen (500 students)
-2009- Bachelor course *Controversies in Psychology* (10 students)
-2007- Research Master course *Meta-Analysis* (20 students)

- 2005-2009 *Research Methods 1*, Psychology freshmen (500 students)
- 2009- Guest lectures on intelligence, *Higher Mental Processes*, Psychobiology (80 students)
- 2006- Guest lectures, *Research Methods 2* (200 students)
- 2006- Guest lectures, *Calamity Psychology* (40 students)
- 2004- Supervision of 3 Research Master's theses, 6 Research Master's internships, 9 Master's theses, 12 Research Practicum projects, 11 Bachelor's theses, and 2 Honors students' projects
- 2006, 2008 Research Master course *Intelligence* (15 students)
- 2008, 2009 *Measurement Invariance* course (5 students)
- 2004-2007 *Research Methods*, Psychobiology freshmen (100 students)
- 2003-2004 Bachelor course *Academic writing 2* (20 students)
- 2003-2004 Guest lectures, *Introduction to Psychology & Research Methods*, Psychology freshmen

Supervision of PhD students

Kees-Jan Kan (2007-2012)

Marjan Bakker (2009-)

Memberships of Professional Organizations

- American Psychological Association (APA) International Affiliate: Divisions 1 & 5*
- Association for Psychological Science (APS)*
- International Society for Intelligence Research (ISIR)*
- International Society for the Study of Individual Differences (ISSID)*
- Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS)*
- Netherlands Statistical Society*
- Psychometric Society*
- Society for Personality and Social Psychology (SPSP)*

Work experience

- 2011- University of Amsterdam, Psychology Department: Assistant Professor Psychological Methods (1 FTE), Tenured.
- 2007-2011 University of Amsterdam, Psychology Department: Assistant Professor Psychological Methods (.2 FTE) & VENI Postdoc (.8 FTE)
- 2006-2007 University of Amsterdam, Psychology Department: Lecturer and Post-Doc
- 2004-2006 University of Amsterdam, Psychology Department: Lecturer (0.1 FTE)
- 2002-2006 University of Amsterdam, Psychology Department: PhD Student (0.9-1 FTE).
- 1999-2002 University of Amsterdam, Psychology Department: Research coordinator and organizer of freshmen testing program (0.5 FTE).

Academic Activities and membership of committees

- 2011- Chair of Psychology Freshman Testing Program Committee, University of Amsterdam
- 2011- Member of *FLUOR project* team for developing a research data repository, University of Amsterdam
- 2011 Organizer of seminar on null hypothesis significance testing in the social sciences for the *Netherlands Statistical Society*, Amsterdam.
- 2010- Consultant (unpaid) for the development of children's IQ test via touch screen, Boom Test Publishers and ACS.

- 2009- Member of the Board and secretary of the *Social Sciences Section* of the *Netherlands Statistical Society*
- 2009- Review Editor. *Frontiers in Quantitative Psychology and Measurement*
- 2009- Consultant researcher for the *Study of the Latin American Intelligence (SLATINT)*, which is a large-scale project on human capital by various researchers in Argentina, Brazil, Chile, Colombia, Mexico, and Peru.
- 2009 Member of Netherlands Organization for Research (NWO) Reviewing committee of Open Competition (MAGW).
- 2008 Invited participant of multidisciplinary workshop “Stimulating and rewarding the sharing of primary research data”, DANS & Surf Foundation, Utrecht, The Netherlands.
- 2008- Member of Administrator Committee and Advisory Board of the *International Society for Intelligence Research (ISIR)*
- 2007- Editorial Board member *Intelligence*
- 2007- Postdoc member *Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS)*
- 2007-2008 Co-applicant of grant and member of *Testweeklab* project group for developing a research data repository, University of Amsterdam
- 2007- Member of board of *Alumni Section Psychology*, University of Amsterdam
- 2007 In association with Doug Detterman of Case Western Reserve University I organized the *8th Annual Conference of the International Society for Intelligence Research (ISIR)* in Amsterdam.
- 2005- Member of Committee on Statistics and Methods Courses Bachelor Psychology
- 2005- Ad hoc reviewer for: *Behavior Genetics*
Behavioral and Brain Functions
Behavioral and Brain Sciences
British Journal of Educational Psychology
British Journal of Mathematical and Statistical Psychology
Educational Measurement: Issues and Practice
Educational Psychologist
European Journal of Personality
European Journal of Social Psychology
Frontiers in Computational Neuroscience
Frontiers in Quantitative Psychology and Measurement
Group Processes & Intergroup Relations
International Journal of Testing
Intelligence
Journal of Occupational and Organizational Psychology
Multivariate Behavioral Research
National Science Foundation (Grant reviewer)
Learning and Individual Differences
Oxford University Press (Book reviewer)
Personality and Individual Differences
PLoS ONE
Proceedings of the Royal Society B
Psychological Medicine
Psychological Methods
Psychological Reports
Psychology of Sport & Exercise
Psychometrika
Psychonomic Bulletin & Review
Quarterly Journal of Experimental Psychology
The Open Psychology Journal

Grants and Awards

Total grants received: €494.155 (\$658.000)

- 2012 Winner of the 2012 *Anne Anastasi Early Career Award* from Division 5 of The American Psychological Association (APA): \$250,-
- 2011 Winner of *Best Article of 2011 Award in Behavior Research Methods* for Marjan Bakker & Jelte M. Wicherts': "The (mis)reporting of statistical results in psychology journals": \$1000,-
- 2011 Runner-up for *J.C. Ruigrok Prize* for best dissertation in behavioral sciences (2006-2010), *Royal Holland Society of Sciences and Humanities*.
- 2009 Open competition grant (PI) for PhD project from Dutch Organization for Research (NWO): €207.155,-
- 2009 Co-receiver of the 2009 *Ira and Harriet Reiss Theory Award* for paper "Women's Scores on the Sexual Inhibition / Sexual Excitation Scales: Gender Similarities and Differences": \$500,-
- 2008 Winner of 2007 *Nico Frijda Education Award* (together with D. Borsboom) for best course at the Psychology Department of the University of Amsterdam (Research Methods): €250,-
- 2007 Winner of 2006 *Best Paper Award Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS)*: €600,-
- 2007 SURF-share grant for project Testweeklab (together with C. Treijtel): €60.000,-
- 2007 Personal VENI-grant (PI) from Dutch Organization for Research (NWO): €208.000,-
- 2006 ICTO Grant for the development of a Wiki (together with D. Borsboom): €19.000,-
- 2005 Winner of ISIR-Templeton Award for best student paper at the 6th *Annual Conference of the International Society for Intelligence Research*: \$2.000,-

Submitted papers

Wicherts, J. M., Kievit, R. A., & Borsboom, D. (invited paper). Letting the daylight in: Reviewing the reviewers and other ways to maximize transparency in science.

Wicherts, J. M. & de Haan, C. (under review). A meta-analysis of the effects of stereotype threat on the cognitive test performance of African Americans.

Wicherts, J. M. & Bakker, M. (under review). Critical mass and the effectiveness of interventions to reduce stereotype threat in academic settings.

Kan, K. J., **Wicherts, J. M.**, van der Maas, H. L. J., & Widaman, K. F. (under review). A genetic origin of Black-White mean IQ differences? Weak inferences based on ambiguous results.

Publications in peer reviewed journals

Citation counts and journal Impact Factors from ISI Web of Science (Feb. 5th, 2012)

Total number of citations: 322, h-Index: 10

[46] **Wicherts, J. M.** & Bakker, M. (in press). Publish (your data) or (let the data) perish! Why not publish your data too? *Intelligence* [Impact factor: 3.17, Times cited: NA]

[45] Kievit, R. A., van Rooijen, H., **Wicherts, J. M.**, Waldorp, L. J., Kan, K. J., Scholte, H. S., & Borsboom, D. (2012). Intelligence and the brain: A model-based approach. *Cognitive Neuroscience*. [Impact factor: NA, Times cited: NA]

- [44] **Wicherts, J. M.** (2011). Psychology must learn a lesson from fraud case [Invited World View]. *Nature*, *480*, 7. [Impact factor: 36.10, Times cited: NA]
- [43] Penke, L., Johnson, W., Borsboom, D., Kievit, R. A., Ploeger, A., & **Wicherts, J. M.** (2011). Evolutionary psychology and intelligence research cannot be integrated the way Kanazawa (2010) suggested. *American Psychologist*, *66*, 916-917. [Impact factor: 6.01, Times cited: 0]
- [42] **Wicherts, J. M.**, Bakker, M., & Molenaar, D. (2011). Willingness to share research data is related to the strength of the evidence and the quality of reporting of statistical results. *PLoS ONE*, *6*, *11*, e26828. [Impact factor: 4.41, Times cited: 0]
- [41] Bakker, M. & **Wicherts, J. M.** (2011). The (mis)reporting of statistical results in psychology journals. *Behavior Research Methods*, *43*, 666-678. [Impact factor: 2.40, Times cited: 2] [*Winner of Award for Best Article of 2011 in BRM*]
- [40] Kievit, R. A., Romeijn, J. W., Waldorp, L. J., **Wicherts, J. M.**, Scholte, H. S., & Borsboom, D. (2011). Modeling mind and matter: Reductionism and psychological measurement in cognitive neuroscience. *Psychological Inquiry*, *22*, 139-157. [Impact factor: 1.40, Times cited: 0]
- [39] Kievit, R. A., Romeijn, J. W., Waldorp, L. J., **Wicherts, J. M.**, Scholte, H. S., & Borsboom, D. (2011). Mind the gap: A psychometric approach to the reduction problem [target article]. *Psychological Inquiry*, *22*, 67-87. [Impact factor: 1.40, Times cited: 1]
- [38] Smits, I. A. M., Dolan, C. V., Vorst, H. C. M., **Wicherts, J. M.**, & Timmerman, M. E. (2011). Cohort differences in big five personality factors over a period of 25 years. *Journal of Personality and Social Psychology*, *100*, 1124-1138. [Impact factor: 5.21, Times cited: 0]
- [37] Ter Kuile, H., Veldhuis, M., Veen, S. van, & **Wicherts, J. M.** (2011). Bilingual education, metalinguistic awareness, and the understanding of an unknown language. *Bilingualism: Language and Cognition*, *14*, 233-242. [Impact factor: 1.69, Times cited: 0]
- [36] **Wicherts, J. M.** & Vorst, H. C. M. (2010). The relation between specialty choice of psychology students and their interests personality and cognitive abilities. *Learning and Individual Differences*, *20*, 494-500. [Impact factor: 1.53, Times cited: 1]
- [35] Molenaar, D., & Dolan, C. V., **Wicherts, J. M.**, van der Maas, H. L. J. (2010). Modeling differentiation of cognitive abilities within the higher-order factor model using moderated factor analysis. *Intelligence*, *38*, 611-624. [Impact factor: 3.17, Times cited: 3]
- [34] **Wicherts, J. M.**, Dolan, C. V., Carlson, J. S., & van der Maas, H. L. J. (2010). Another failure to replicate Lynn's estimate of the average IQ of sub-Saharan Africans. *Learning and Individual Differences*, *20*, 155-157. [Impact factor: 1.53, Times cited: 2]
- [33] **Wicherts, J. M.** & Dolan, C. V. (2010). Measurement invariance in confirmatory factor analysis; An illustration using IQ test performance of minorities. *Educational Measurement: Issues and Practice*, *29* (3), 39-47. [Impact factor: NA, Times cited: NA]
- [32] **Wicherts, J. M.**, Dolan, C. V., Carlson, J. S., & van der Maas, H. L. J. (2010). Raven's test performance of sub-Saharan Africans; mean level, psychometric properties, and the Flynn Effect. *Learning and Individual Differences*, *20*, 135-151. [Impact factor: 1.53, Times cited: 6]

- [31] **Wicherts, J. M.**, Dolan, C. V., & van der Maas, H. L. J. (2010). The dangers of unsystematic selection methods and the representativeness of 46 samples of African test-takers. *Intelligence*, *38*, 30-37. [Impact factor: 3.17, Times cited: 2]
- [30] **Wicherts, J. M.**, & Zand Scholten, A. (2010). Test anxiety and the validity of cognitive tests; A confirmatory factor analysis perspective and some empirical findings. *Intelligence*, *38*, 169-178. [Impact factor: 3.17, Times cited: 1]
- [29] **Wicherts, J. M.**, Dolan, C. V., & Van der Maas, H. L. J. (2010). A systematic literature review of the average IQ of sub-Saharan Africans. *Intelligence*, *38*, 1-20. [Impact factor: 3.17, Times cited: 8]
- [28] **Wicherts, J. M.**, Borsboom, D., & Dolan, C. V. (2010). Evolution, brain size, and the national IQ of peoples around 3,000 years B.C. *Personality and Individual Differences*, *48*, 104-106. [Impact factor: 1.82, Times cited: 2]
- [27] **Wicherts, J. M.**, Borsboom, D., & Dolan, C. V. (2010). Why national IQs do not support evolutionary theories of intelligence. *Personality and Individual Differences*, *48*, 91-96. [Impact factor: 1.82, Times cited: 11]
- [26] **Wicherts, J. M.** & Bakker, M. (2009). Sharing: guidelines go one step forwards, two steps back. [Correspondence]. *Nature*, *461*, 1053. [Impact Factor: 36.10, Times cited: 1]
- [25] **Wicherts, J. M.** (2009). The impact of papers published in *Intelligence* 1977-2007 and an overview of the citation classics. *Intelligence*, *37*, 443-446. [Impact factor: 3.17, Times cited: 0]
- [24] Molenaar, D., Dolan, C. V., & **Wicherts, J. M.** (2009). The power to detect sex differences in IQ test scores using multi-group covariance and means structure analyses. *Intelligence*, *37*, 396-404. [Impact factor: 3.17, Times cited: 3]
- [23] **Wicherts, J. M.** & Johnson, W. (2009). Group differences in the heritability of items and test scores. *Proceedings of the Royal Society: B*, *276*, 2675-2683. [Impact factor: 5.06, Times cited: 7]
- [22] **Wicherts, J. M.** & Millsap, R. E. (2009). The absence of underprediction does not imply the absence of measurement bias. *American Psychologist*, *64*, 281-283. [Impact factor: 6.01, Times cited: 2]
- [21] Dolan, C. V., Oort, F. J., Stoel, R. D., & **Wicherts, J. M.** (2009). Testing measurement invariance in the target rotated multi-group exploratory factor model. *Structural Equation Modeling*, *16*, 1-21. [Impact factor: 2.74, Times cited: 4]
- [20] De Boo, G. M., & **Wicherts, J. M.** (2009). Assessing cognitive and behavioral coping strategies in children. *Cognitive Therapy and Research*, *33*, 1-20. [Impact factor: 1.58, Times cited: 1]
- [19] Te Brake, J. H. M., Smits, N., **Wicherts, J. M.**, Gorter, R., & Hoogstraten, J. (2008). Burnout development among dentists: A longitudinal study. *European Journal of Oral Sciences*, *116*, 545-551. [Impact factor: 1.89, Times cited: 0]
- [18] **Wicherts, J. M.** (2008). Book review of: J.R. Flynn: What is intelligence? Beyond the Flynn effect. *Netherlands Journal of Psychology*, *64*, 41-43. [Impact factor: NA, Times cited: NA]
- [17] Borsboom, D., Romeijn, J. W., & **Wicherts, J. M.** (2008). Measurement invariance versus selection invariance: Is fair selection possible? *Psychological Methods*, *13*, 75-98. [Impact factor: 3.19, Times cited: 4]

- [16] De Boo, G. M., & **Wicherts, J. M.** (2008). Copingstrategieën bij kinderen. Instrument, sekseverschillen en samenhang met sociaal gedrag. *Kind en Adolescent*, 29, 94-104. [Impact factor: NA, Times cited: NA]
- [15] Carpenter, D., Janssen, E., Graham, C., Vorst, H., & **Wicherts, J. M.** (2008). Women's scores on the Sexual Inhibition/Sexual Excitation Scales (SIS/SES): Gender similarities and differences. *Journal of Sex Research*, 45, 36-48. [Impact factor: 1.49, Times cited: 17] [Awarded Ira and Harriet Reiss Theory Award]
- [14] **Wicherts, J. M.**, & Wilhelm, O. (2007). What is the national g factor? *European Journal of Personality*, 21, 763-765. [Impact factor: 2.10, Times cited: 2]
- [13] Beckers, J. J., **Wicherts, J. M.**, & Schmidt, H. G. (2007). Computer anxiety: State or trait? *Computers in Human Behavior*, 23, 2851-2862. [Impact factor: 1.87, Times cited: 10]
- [12] Bermond, B., Clayton, K., Liberova, A., Luminet, O., Maruszewski, T., Ricci Bitti, P. E., Rimé, B., Vorst, H., Wagner, H., & **Wicherts, J. M.** (2007). A cognitive and emotional dimension of alexithymia in six languages and seven populations. *Cognition and Emotion*, 21, 1125-1136. [Impact factor: 2.08, Times cited: 7]
- [11] Hessen, D. J., Dolan, C. V., & **Wicherts, J. M.** (2006). The multi-group common factor model with minimal uniqueness constraints and the power to detect uniform bias. *Applied Psychological Measurement*, 30, 233-246. [Impact factor: 1.14, Times cited: 4]
- [10] Maas, H. L. J. van der, Dolan, C. V., Grasman, R. P. P. P., **Wicherts, J. M.**, Huizenga, H. M., & Raijmakers, M. E. J. (2006). A dynamical model of general intelligence: the positive manifold of intelligence by mutualism. *Psychological Review*, 113, 842-861. [Impact factor: 7.78, Times cited: 61]
- [9] **Wicherts, J. M.**, Borsboom, D., Kats, J., & Molenaar, D. (2006). The poor availability of psychological research data for reanalysis. *American Psychologist*, 61, 726-728. [Impact factor: 6.01, Times cited: 22] [Awarded Best Paper Award IOPS 2006]
- [8] Dolan, C. V., Colom, R., Abad, F. J., **Wicherts, J. M.**, Hessen, D. J., & van der Sluis, S. (2006). Multi-group covariance and mean structure modeling of the relationship between WAIS-III common factors and gender and educational attainment in Spain. *Intelligence*, 34, 193-210. [Impact factor: 3.17, Times cited: 19]
- [7] **Wicherts, J. M.**, Dolan, C. V., & Hessen, D. J. (2005). Stereotype threat and group differences in test performance: A question of measurement invariance. *Journal of Personality and Social Psychology*, 89, 696-716. [Impact factor: 5.21, Times cited: 19]
- [6] **Wicherts, J. M.** (2005). Stereotype threat research and the assumptions underlying analysis of covariance. *American Psychologist*, 60, 267-269. [Impact factor: 6.01, Times cited: 5]
- [5] **Wicherts, J. M.**, Dolan, C. V., Hessen, D. J., Oosterveld, P., Baal, G. C. M. van, Boomsma, D. I., & Span, M. M. (2004) Are intelligence tests measurement invariant over time? Investigating the nature of the Flynn effect. *Intelligence*, 32, 509-537. [Impact factor: 3.17, Times cited: 62]
- [4] Dolan, C. V., Roorda, W., & **Wicherts, J. M.** (2004). Two failures of Spearman's hypothesis: The GAT-B in Holland and the JAT in South Africa. *Intelligence*, 32, 155-173. [Impact factor: 3.17, Times cited: 18]

[3] **Wicherts, J. M.** & Dolan, C. V. (2004). A cautionary note on the use of information fit indexes in covariance structure modeling with means. *Structural Equation Modeling*, 11, 45-50. [Impact factor: 2.74, Times cited: 13]

[2] Dolan, C. V., **Wicherts, J. M.**, & Molenaar, P. C. M. (2004). A note on the relationship between the number of indicators and their reliability in detecting regression coefficients in latent regression analysis. *Structural Equation Modeling*, 11, 210-216. [Impact factor: 2.74, Times cited: 4]

[1] **Wicherts, J. M.** & Vorst, H. C. M. (2004). Modelpassing van de Verkorte Profile of Mood States en meetinvariantie over mannen en vrouwen. *Nederlands Tijdschrift voor de Psychologie*, 59, 12-21. [Impact factor: NA, Times cited: NA]

Publications in peer-reviewed database

[2] **Wicherts, J. M.** (2011). Solving the 432 pieces of the puzzle called measurement invariance. [Book review]. *PsycCritiques*, 56, 38, 3.

[1] **Wicherts, J. M.** (2008). Interesting volume on emotional intelligence, whatever it is. [Book review]. *PsycCritiques*, 53, 17.

Peer-reviewed conference abstract

[1] **Wicherts, J. M.**, Borsboom, D., & Romeijn, J. W. (2008). Predictive invariance, measurement invariance and fairness in selection. *International Journal of Psychology*, 43, 389. [Impact factor: 1.07, Times cited: 0]

Books

[2] **Wicherts, J. M.** (2007). *Group differences in intelligence test performance* (187 pages). Unpublished doctoral dissertation, University of Amsterdam.

[1] **Wicherts, J. M. (Ed.)** (2007). *Vorst 65* (108 pages), Liber Amicorum for H.C.M. Vorst, Psychological Methods Department, University of Amsterdam.

Book chapters

[2] Carpenter, D., Janssen, E., Graham, C. A., Vorst, H. & **Wicherts, J. M.** (2010). The Sexual Inhibition/Sexual Excitation Scales - Short Form (SIS/SES-SF). In: T. D. Fisher, C. M. Davis, W. L. Yarber, & S. L. Davis (Eds.): *The Handbook of Sexuality-Related Measures*, 3rd Ed. New York: Routledge.

[1] Beckers, J. J., Schmidt, H. G., & **Wicherts, J. M.** (2008). Computer anxiety in daily life: Old history? In: E. Loos, L. Haddon, & E. Mante-Meijer (Eds.): *The Social Dynamics of Information and Communication Technology*. Aldershot, UK: Ashgate Publishing.

Presentations and colloquia

- [46] Wicherts, J. M. (February 8, 2012). Sloppiness, openness, and integrity in the behavioral sciences. **Invited talk.** Catholic University Leuven, Belgium.
- [45] **Wicherts, J. M.**, Molenaar, D., Kovacs, K., Rozsa, S. & Ko, N. (December, 8, 2011). Differentiation with respect to the g factor in the Hungarian standardization samples of the WISC-IV and WAIS-IV. 12th Annual Conference of the International Society for Intelligence Research (ISIR), Limassol, Cyprus.
- [44] **Wicherts, J. M.** (October, 26, 2011). Openness and scientific integrity. **Invited talk** at the Cognitive Science Center Amsterdam (CSCA) Symposium, University of Amsterdam.
- [43] **Wicherts, J. M.** (July, 19, 2011). It's alive! A review and prospect of measurement invariance research. **Invited "state-of-the-art" talk** at the 76th Meeting of the Psychometric Society, Hong Kong, People's Republic of China.
- [42] **Wicherts, J. M.** (April, 1, 2011). Het IQ van Nederlanders in 1911, 2011, en 2011. **Invited talk.** Modern Human Conference, Leiden University.
- [41] **Wicherts, J. M.** (November, 16, 2010). Het Flynn Effect. **Invited talk** at conference "De W van Intelligentie" organized by Pearson. Science Center Nemo, Amsterdam, The Netherlands.
- [40] **Wicherts, J. M.** & Bakker, M. (August 14, 2010). Statistical errors and the reluctance to share psychological research data. Paper presented at the 118th Annual Convention of the American Psychological Association, San Diego, CA, US.
- [39] Smits, I. A. M., Dolan, C. V., **Wicherts, J. M.**, & Timmerman, M. E. (July, 21, 2010). Birth cohort changes in personality. Paper presented at the 15th European Conference on Personality, Brno, Czech Republic.
- [38] Bakker, M. & **Wicherts, J. M.** (July, 9, 2010). The (mis)reporting of statistical results in psychology. Paper presented at the 75th Meeting of the Psychometric Society, Athens, GA, US.
- [37] **Wicherts, J. M.** (June, 10, 2010). A psychometric perspective on stereotype threat. 25th IOPS Summer Conference, Amsterdam, The Netherlands.
- [36] **Wicherts, J. M.** (May, 24, 2010). Measurement invariance, measurement bias, and the nature of group differences in IQ. **Invited talk.** Department of Applied Psychology, New York University, New York, NY, US.
- [35] **Wicherts, J. M.** (March, 10, 2010). IQ en Intelligentie. **Invited talk** at the Interdisciplinary Congress Amsterdam (ICA), University of Amsterdam.
- [34] **Wicherts, J. M.** & de Haan, C. (December, 19, 2009). Stereotype threat and the cognitive test performance of African Americans. 10th Annual Conference of the International Society for Intelligence Research (ISIR), Madrid, Spain.
- [33] Kievit, R. A., Kan, K.-J., **Wicherts, J. M.**, & Borsboom, D. (December, 17, 2009). If Neuro g is the answer, What is the question? 10th Annual Conference of the International Society for Intelligence Research (ISIR), Madrid, Spain.

- [32] Scholte, H. S. & **Wicherts, J. M.** (December, 17, 2009). An MRI/SEM study of g, lower-order factors, and the brain. 10th Annual Conference of the International Society for Intelligence Research (ISIR), Madrid, Spain.
- [31] **Wicherts, J. M.** (November, 10, 2009). Psychometric issues in the study of group differences in the heritability of items, scales, and latent factors. **Invited talk**, Free University of Amsterdam, The Netherlands.
- [30] **Wicherts, J. M.** (July, 21, 2009). Measurement invariance in psychological experiments. 74th annual meeting of the Psychometric Society (IMPS 2009), Cambridge, UK.
- [29] **Wicherts, J. M.** (May, 27, 2009). Meetinvariantie en de vergelijkbaarheid van vragen over groepen. **Invited talk** during the Symposium for Survey Research, NPSO, Amsterdam, The Netherlands.
- [28] **Wicherts, J. M.** (May, 20, 2009). A critical assessment of national IQ research. **Invited colloquium**, Tilburg University, The Netherlands.
- [27] **Wicherts, J. M.** (October, 10, 2008). IQ testing in Africa; mean level, psychometric properties, and the Flynn Effect, 4th International Conference on Intelligence and Creativity (ICIC), Münster, Germany.
- [26] **Wicherts, J. M.** (July, 23, 2008). Predictive invariance, measurement invariance, and fairness in selection. 29th International Congress of Psychology, Berlin, Germany.
- [25] **Wicherts, J. M.** (June, 19, 2008). Expectancy bias, statistical blunders, and the importance of re-analysis. **Invited talk** at the 23rd IOPS summer conference, Enschede, The Netherlands.
- [24] **Wicherts, J. M.** (March, 19, 2008). Intelligence. **Invited Honours Lecture**, Psychology Department, University of Leiden, The Netherlands.
- [23] **Wicherts, J. M.** (January, 14, 2008). The problem with National IQ, or why the Dutch are not smarter than the Germans. **Invited talk**, Humboldt University Berlin, Germany.
- [22] **Wicherts, J. M.** (December, 14, 2007). Measurement bias in IQ tests: Why the case is certainly not closed. 8th Annual Conference of the International Society for Intelligence Research (ISIR), Amsterdam, The Netherlands.
- [21] **Wicherts, J. M.** (November, 19, 2007). IQ Test Performance of Africans: Mean Level, Psychometric Properties, and the Flynn Effect. **Invited talk**. Schelling Nobel Prize Symposium, School of Public Policy, University of Maryland, MD, US.
- [20] **Wicherts, J. M.** (July, 10 2007). The intelligence paradox. **Invited talk**. Flexibility of Human Nature Symposium, Psychology Department, University of Amsterdam, The Netherlands.
- [19] **Wicherts, J. M.** (July, 10 2007). The distinction between differential prediction and measurement bias. IMPS 2007, the 15th International and 72nd Annual Meeting of the Psychometric Society, Tokyo, Japan.
- [18] **Wicherts, J. M.** (December, 15, 2006). The dark past, obscure present, and bright future of African IQ. 7th Annual Conference of the International Society for Intelligence Research (ISIR), San Francisco, CA, US.

- [18] **Wicherts, J. M.** (December, 14, 2006). Modeling sex differences in the Dutch WAIS-III. 7th Annual Conference of the International Society for Intelligence Research (ISIR), San Francisco, CA, US.
- [17] **Wicherts, J. M.** (November, 6, 2006). Zin en onzin over IQ testen in Afrika. Colloquium, Psychological Methods Group, Psychology Department, University of Amsterdam.
- [16] Carpenter, D., Janssen, E., Graham, C., Vorst, H., & **Wicherts, J. M.** (July, 13, 2006). Gender Similarities in Dual Control Model Processes: A Short Version of the Sexual Inhibition and Excitation Scales (SIS/SES-Short Form). 32nd Annual Meeting of the International Academy of Sex Research (IASR), Amsterdam, The Netherlands.
- [15] **Wicherts, J. M.** (May, 19, 2006). Measurement invariance in the common factor model: Useful and important. 21st IOPS Summer Conference, Statistics Netherlands, Voorburg, The Netherlands.
- [14] Condon, C. A., Schroeder, D. H., & **Wicherts, J. M.** (February, 17, 2006). Spearman's Law of Diminishing Returns: Not in Average- to High-Ability Examinees. New Directions in Psychological Measurement with Model-Based Approaches Conference, Atlanta, GA, US.
- [13] **Wicherts, J. M.** (December, 3, 2005). Flynn Effect in the Woodcock-Johnson cognitive ability tests 1987-1999. 6th Annual Conference of the International Society for Intelligence Research (ISIR), Albuquerque, NM, US. [*Winner of "ISIR-Templeton Award for Best Student Paper" \$2000,-*]
- [12] Carpenter, D., Janssen, E., Graham, C., Vorst, H., & **Wicherts, J. M.** (July, 8, 2005). The dual control model: Gender, sexual problems, and the prevalence of sexual excitation and inhibition profiles. 31st Annual Meeting of the International Academy of Sex Research (IASR), Ottawa, Canada.
- [11] **Wicherts, J. M.** (July, 7, 2005). Understanding measurement bias in the common factor model: The role of stereotype threat. 14th International Meeting of the Psychometric Society (IMPS), Tilburg, The Netherlands.
- [10] **Wicherts, J. M.** (December, 2, 2004). Stereotype threat and group differences in test performance: A question of measurement invariance. 5th Annual Conference of the International Society for Intelligence Research (ISIR), New Orleans, LA, US.
- [9] Dolan, C. V., & **Wicherts, J. M.** (December, 2, 2004). Gender differences in the WAIS-III Spanish standardization data. 5th Annual Conference of the International Society for Intelligence Research (ISIR), New Orleans, LA, US.
- [8] Dolan, C. V., & **Wicherts, J. M.** (October, 4, 2004). Gender differences in the WAIS-III Spanish standardization data. Colloquium, Psychological Methods Group, Psychology Department, University of Amsterdam.
- [7] **Wicherts, J. M.** (June, 15, 2004). Measurement invariance and group differences in test performance within the context of Stereotype Threat and the Flynn Effect. **Invited talk**, Psychology Department, University of Münster, Germany.
- [6] **Wicherts, J. M.** (March, 1, 2004). Stereotype threat and measurement invariance. Colloquium, Psychological Methods Group, Psychology Department, University of Amsterdam.
- [5] **Wicherts, J. M.** & Dolan, C. V. (December, 5, 2003). The Flynn Effect: testing for measurement invariance with respect to cohorts. 4th Annual Conference of the International Society for Intelligence Research (ISIR), Newport Beach, CA, US.

- [4] Beckers, J. J., Schmidt, H. G., & **Wicherts, J. M.** (July, 15, 2003). The extended human and computer anxiety. COST 269 Conference. Helsinki, Finland.
- [3] **Wicherts, J. M.** (July, 9, 2003). Increases in intelligence and measurement invariance. 13th International Meeting of the Psychometric Society (IMPS), Cagliari, Sardinia, Italy.
- [2] **Wicherts, J. M.** (June, 5, 2003). Increases in intelligence and measurement invariance. 18th National IOPS Conference, Oegstgeest, The Netherlands
- [1] **Wicherts, J. M.** (October, 10, 2002). Are people really getting smarter? Generational increases in intelligence and factorial invariance. **Invited talk**, Psychonomics Group, Psychology Department, University of Amsterdam.

Popular publications

- [3] Kaufman, S. B. & **Wicherts, J. M.** (May, 21, 2011). Black women are not (rated) less attractive! Our independent analysis of the Add Health dataset. Blog on *Psychology Today*.
- [2] **Wicherts, J. M.** (August, 2010). Ben jij nou zo dom of ben ik nou zo slim? Guest column. *Kennislink.nl*.
- [1] **Wicherts, J. M.** (May, 2010). Onzin over het IQ van Afrikanen. *Blind, Interdisciplinair Tijdschrift*.

Media coverage

- January, 14, 2012. *NRC Handelsblad* (*front page item*). Op zoek naar zonden. By Karel Berkhout & Esther Rosenberg. Interviewed on scientific misconduct.
- January, 1, 2012. Labyrint (Dutch national radio). Member of panel on scientific integrity.
- December, 2011. *The Psychologist*. A red flag for psychology research? By Christian Jarrett. Mention of our work on data sharing.
- December, 17, 2011 *Vrij Nederland*. Het web rond Diederik Stapel. By Maurits Martijn & Tomas Vanheste. Interviewed on our work on data sharing and errors with statistics.
- December, 3, 2011. *De Volkskrant*. Twijfel. by Hans van Maanen. Featured article on our 2011 paper in *PLoS ONE*.
- November, 11, 2011. *NRC Handelsblad*. Psycholoog wil geen pottenkijkers, by Karel Berkhout. Featured article on our paper in *PLoS ONE*.
- November, 3, 2011. *Wetenschap 24, Noorderlicht website*. Hoe slechter, hoe exclusiever. Juist van zwak onderzoek zijn data niet openbaar, by Arnout Jaspers. Featured article on our paper in *PLoS ONE*.
- November, 3, 2011. *The New York Times* (*front page item*). Fraud case seen as a red flag for psychology research, by Benedict Carey, interviewed on Stapel affair and discussion of our papers in *PLoS ONE* and *Behavior Research Methods*.
- October, 31, 2011. *Eenvandaag* (Dutch national television). Interviewed on scientific integrity and data sharing.

October, 5, 2011. *Folia Magazine*. Volledig fraudevrij is onmogelijk, by Floor Boon and Eva Rooijers. Interviewed on data sharing.

September, 17, 2011. *De Volkskrant*. Twijfel. Berekeningen en conclusies, by Hans van Maanen. Featured article on our 2011 paper in *Behavior Research Methods*.

Juli, 2011. *Talent*, Exceptionally high IQs, by Vitorrio Busato. Interviewed on high IQs.

June, 2011. *Quest Psychologie*. Olie dom; Bestaat het wel?. Discussion of our work on national IQ.

May, 23, 2011. *Scientific American*, The data are in regarding Satoshi Kanazawa, by Khadijah Britton. Guest Blog on our reanalysis of Kanawaza's claims.

November 30, 2010, *NRC Handelsblad (front page item)*. Een sneeuw witte IQ-test. Een in het onderwijs veelgebruikte IQ-test heeft allochtone kinderen jarenlang systematisch benadeeld, by Ellen de Bruin. Featured article on our paper in *Educational Measurement: Issues and Practice*.

July 1, 2010, *The Economist*. Disease and intelligence Mens sana in corpore sano, mention of our work on national IQ.

February 16, 2010, *La Repubblica*, Italy. "Il Meridione arretrato perché meno intelligente", mention of our critique on Lynn's work, by Giovanni Gagliard.

February 6, 2010, Radio 2 [Dutch national radio], NCRV, *Cappuccino*, Interview on "interesting" findings in IQ research, presented by Frank du Mosch.

February 2, 2010, *BNR news radio*. Member of intelligence expert panel, moderated by Harmke Pijpers.

January 22, 2010, *Nederlands Dagblad*. "Afrikanen zijn niet minder slim". Article on our research of the IQ of Africans, by Willem Bouwman.

January 21, 2010. *Science Daily*. "Controversial Study of African IQ Levels Is 'Deeply Flawed'" on our research of the IQ of Africans.

January 15, 2010, *Kennislink.nl*. "'Bizar slecht' onderzoek naar ras en IQ. UvA-psychologen maken korte metten met omstreden theorie van Richard Lynn", by Asha ten Broeke.

January 15, 2010, Radio 1 [Dutch national radio] *Noorderlicht*. Interview on IQ research in Africa, by Remy van den Brand.

July 21, 2009, *Kennislink.nl*. "Onfatsoenlijke wetenschap is ook wetenschap", by Asha ten Broeke, Interview on National IQ and evolutionary studies.

June 10, 2009, *Kennislink.nl*. "Om slim te zijn is meer nodig dan een hoog IQ", by Asha ten Broeke, Interview on Stanovich's book.

April, 29, 2009, *Der Standard* (Austria), "Intelligenz. Warum Tetris-Spieler klüger sein sole", by Michael Freund, article on item heritability paper.

September 2008, *Natuurwetenschap & Techniek*, "Dom, Dommer, Afrikaan", p. 18-19, by Arnout Jaspers, interview on National IQ research.

September 2008, *J/M voor Ouders*, “Dossier Intelligentie: Haal eruit wat erin zit!”, p. 79-84, by Marlise Eerkens, interview on IQ and EQ in general.

March 2008, *Fancy*, No. 3, “Alles over Intelligentie, Emoties en je Spiri kant”, p. 49-53, interview on IQ and EQ in general.

December, 18, 2007, *Teleac Radio, Hoe? Zo!*, national radio interview on “Dumb Blondes”.

March, 31, 2007, *NRC Handelsblad*, “De druk van het stereotype”, by Martine Zuidweg, interview on stereotype threat research.

March 5, 2007, *Metro*, “IQ tests soms niet eerlijk”, by Arjen de Boer, interview on measurement invariance research.

January 2007, *The Psychologist (UK)*, “Are you sitting on your research data?”, by Christian Jarrett, featured article on data sharing.

October, 24, 2006, *NRC Handelsblad*, “Openheid is principe, geen praktijk”, by Ellen de Bruin, featured interview on data sharing.

April, 22, 2004, *Trouw*, “Eerstejaars studenten hebben het lang niet altijd gemakkelijk”, interviewed on psychological adaptation of freshmen.

October, 2002, *Intermediair*, “De wonderbaarlijke stijging van ons IQ”, by Frank van Kolfschooten, interviewed on the Flynn Effect.