

Curriculum Vitae Rogier A. Kievit

MRC-Cognition and Brain Science Unit
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Employment

2015- Programme Leader Track, MRC-CBSU
2015-2019 Sir Henry Wellcome Postdoctoral Fellow
2013-2015 Postdoctoral Investigator Scientist at the MRC-CBSU in Cambridge, UK,
 affiliated with the University of Cambridge. Current work focuses on
 multivariate modelling of neurocognitive ageing.
2008-2013 PhD student at the Department of Psychological Methods at the University of
 Amsterdam. Supervisors: Denny Borsboom, Lourens Waldorp and Jan-Willem
 Romeijn. Thesis title: 'Turtles all the way down? Psychometric approaches to
 the reduction problem'.
2011 - 2012 Visiting scholar at the MRC-CBSU in Cambridge, UK.
2007-2008 Research Assistant at the Kosslyn laboratory of Cognitive Neuropsychology at
 Harvard University, Cambridge, Massachusetts.
2006 Student assistant at The University of Amsterdam.

Education

2014 PhD (viva 23d of April 2014). Thesis title: 'Turtles all the way down?
 Psychometric approaches to the reduction problem'. Awarded Cum laude
 (with distinction, top 5%)
2007 Internship at the Kosslyn laboratory at Harvard University
2005-2007 Research Master student in Psychology at the University of Amsterdam. Title
 of thesis project: *Representational inertia: The influence of associative
 knowledge on 3D mental transformations*.
 Graduated M.Sc. Cum Laude [average grade = 8.6 out of 10]
2004 Academic exchange student (one semester) at the University of Otago,
 Dunedin, New-Zealand
2002-2005 Bachelor Psychology at University of Amsterdam (B.Sc.)
2002-2004 Courses in undergraduate philosophy, University of Amsterdam.
2001 Graduated High School (Stedelijk Gymnasium Leiden)

Publications

Published articles

1. Henson, R. N. A., Campbell, K. L., Davis, S. W., Taylor, J. R., Emery, T., Erzincliglu, S. Cam-CAN, & Rogier A. Kievit. Multiple determinants of ageing memories. (2016). *Scientific Reports* **6**, 32527
2. Wolpe, N., Ingram, J., Tsvetanov, K., Geerligs, L., Kievit, R. A., Henson, R. N. A., Wolpert, D., Cam-CAN, & Rowe, J. (2016). Ageing increases the reliance on sensorimotor predictions through changes in structure and functional connectivity of the pre-supplementary motor area. *Nature Communications*.

3. Kievit, R. A., Davis, S. W., Griffiths, J. D., Correia, M. M., & Henson, R. N. (2016). A watershed model of individual differences in fluid intelligence. *Neuropsychologia*.
4. van Harmelen, A. L.,... Kievit, R. A. & Goodyer, I. M. (2016). Friendships and Family Support Reduce Subsequent Depressive Symptoms in At-Risk Adolescents. *PloS one*, 11(5), e0153715.
5. Kievit, R., Scholte, H. S., Waldorp, L. J., & Borsboom, D. (2016). Inter- and intra-individual differences in fluid reasoning show distinct cortical responses. *bioRxiv*, 039412.
6. Fried, E. I., & Kievit, R. A. (2015). The volumes of subcortical regions in depressed and healthy individuals are strikingly similar: a reinterpretation of the results by Schmaal et al. *Molecular Psychiatry*.
7. Ganis, G., & Kievit, R. A. (2015). A New Set of Three-Dimensional Shapes for Investigating Mental Rotation Processes: Validation Data and Stimulus Set. *Journal of Open Psychology Data*, 3(1), e3.
8. **Kievit, R. A.**, Davis, S. W., Mitchell, D. J., Taylor, J. R., Duncan, J., Cam-CAN, & Henson, R. N. A. (2014). Distinct aspects of frontal lobe structure mediate age-related differences in fluid intelligence and multitasking. *Nature Communications*.
9. Charest, I. **Kievit, R. A.**, Schmitz, T. W., Deca, D., Kriegeskorte, N. (2014). Unique semantic space in the brain of each beholder predicts perceived similarity. *Proceedings of the National Academy of Sciences. Early edition* doi: 10.1073/pnas.1402594111
10. Kievit, A. J., Kuijer, P., **Kievit, R. A.**, Siervelt, I. N., Blankevoort, L., & Frings-Dresen, M. H. (2014). A Reliable, Valid and Responsive Questionnaire to Score the Impact of Knee Complaints on Work following Total Knee Arthroplasty: the WORQ. *The Journal of Arthroplasty*, 29, 6, 1169-1175
11. Kriegeskorte, N. & **Kievit, R. A.** (2013). Representational geometry: integrating cognition, computation, and the brain. *Trends in Cognitive Sciences*, 17, 401-412.
12. **Kievit, R.A.**, Frankenhuys, W. & Borsboom, D. (2013). Simpson's Paradox in Psychological Science: A Practical Guide. *Frontiers in Psychology*, 4, 513, 1-14.
13. Schmittmann, V. D., Cramer, A. O. J., Waldorp, L. J., Epskamp, S., **Kievit, R.A.** & Borsboom, D. (2013). Deconstructing the construct: A network perspective on psychological phenomena. *New ideas in Psychology*, 31, 43-53.
14. Bakker, M., Cramer, A. O. J., Matzke, D., **Kievit, R.A.**, Van Der Maas, H. L. J., Wagenmakers, E. J. & Borsboom, D. (2013) Dwelling on the Past. *The European Journal of Personality*, 27, 120-121.
15. **Kievit, R.A.**, Waldorp, L.J., Kan, K.J., & Wicherts, J. M. (2012). Causality: populations, individuals, and assumptions. *The European Journal of Personality*, 26, 400-401
16. **Kievit, R.A.**, van Rooijen, H., Wicherts, J.M., Kan, K.J., Waldorp, L.J., Scholte & Borsboom, D. (2012). Intelligence and the brain: A model-based approach. *Cognitive Neuroscience*, 3, 89-97.
17. Wagenmakers, E. J., Wetzels, R. W., Borsboom, D., van der Maas, H. L. J. & **Kievit, R.A.** (2012). An Agenda for Purely Confirmatory Research. *Perspectives on Psychological Science*, 7, 632-638.
18. Wicherts, J., **Kievit, R.A.**, Bakker, M. & Borsboom, D. (2012) Letting the daylight in: Reviewing the reviewers and other ways to maximize transparency in science. *Frontiers in Computational Neuroscience*, 6, 1.
19. Kosslyn, S.M., **Kievit, R.A.**, Russell, A.G. & Shepard, J.M. (2012). PowerPoint Flaws and Failures: A Psychological Analysis. *Frontiers in Educational Psychology*, 3, 230.
20. **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.
21. Borsboom, D., Epskamp, S., **Kievit, R.A.**, Cramer, A. O. J., & Schmittmann. (2011). Transdiagnostic Networks. *Perspectives on Psychological Science*, 6, 610-614.
22. **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. *Psychological Inquiry*, 22, 67-87.
23. Harmelen, A. van, Elzinga, B. M., **Kievit, R.A.** & Spinhoven, P. (2011). Intrusions of autobiographical memories in individuals reporting childhood emotional maltreatment. *European Journal of Psychotraumatology*, 2, 7336.

24. Penke, L. Johnson, W., **Kievit, R. A.**, Wicherts, J. M., Ploeger, A. & Borsboom, D. (2011) Evolutionary psychology and intelligence research cannot be integrated the way Kanazawa (2010) suggests. *American Psychologist*, *66*, 916-917.
25. Kan, K. J., **Kievit, R.A.**, Dolan, C.V., & van der Maas, H.L.J. (2011). On the interpretation of the CHC Gc factor as Crystallized Intelligence. *Intelligence*, *39*, 292-302.
26. **Kievit, R. A.** & Geurts, H. M. (2011). Autism and perception of awareness in self and others: Two sides of the same coin or dissociated abilities. *Cognitive Neuroscience*, *2*, 119-120.
27. **Kievit, R.A.** (2011). Bayesians caught smuggling priors into Rotterdam Harbour. *Perspectives on Psychological Science*, *6*, 313.
28. **Kievit, R.A.** (2011). *Parapsychologie, nullhypothesetoetsing en peer review 2.0*. *De Psycholoog*, *46*, 10-16.
29. van der Maas, H. L. J., Molenaar, D., Maris, G., **Kievit, R.A.** & Borsboom, D. (2011) Cognitive psychology meets psychometric theory: On the relation between process models for decision making and latent variable models for individual differences. *Psychological Review*, *2*, 339-356.
30. Ganis, G., Rosenfeld, J.P., Meixner, J., **Kievit, R.A.** & Schendan, H. (2011). Lying in the Scanner: Covert Countermeasures Disrupt Deception Detection by Functional Magnetic Resonance Imaging. *Neuroimage*, *55*, 312-319.
31. Borst, G., **Kievit, R.A.**, Thompson, W. L. & Kosslyn, S.M. (2011). Mental rotation is not easily cognitively penetrable. *Journal of Cognitive Psychology*, *23*, 60-75.

PhD Thesis

Kievit, R. A. (2014). Turtles all the way down? Psychometric approaches to the reduction problem.

Book Chapters

1. Wagenmakers, E.-J., Wetzels, R., Borsboom, D., Kievit, R., & van der Maas, H. L. J. (*In press*). *A skeptical eye on psi*. In: May, E., & Marwaha, S. (Eds.), *Extrasensory Perception: Support, Skepticism, and Science*. ABC-CLIO.
2. Verkuilen, J., **Kievit, R.A.** & Zand Scholten, A. (2011). *Fuzzy Sets to Represent Concepts in Psychology and the Behavioral Sciences*. In: Belohlavek, R. & Klir, G.J. (eds.) *Concepts and Fuzzy Logic*, (pp. 149-176). Cambridge: MIT Press.
3. Borsboom, D., Cramer, A. **Kievit, R.A.**, Zand Scholten, A. & Franic, S. (2009) *The End of Construct Validity*. In: Lissitz, R.W. (Ed.). *The concept of validity*. pp. 135-170. Information Age Publishers.
4. Borsboom, D., **Kievit, R.A.**, Cervone, D.P., & Hood, S.B. (2009). *The two disciplines of scientific psychology, or: The disunity of psychology as a working hypothesis*. In: Valsiner, J., Molenaar, P.C.M., Lyra, M.C.D.P., & Chaudhary, N. *Developmental process methodology in the social and developmental sciences*, pp (67-89). New York: Springer.

Miscellaneous Publications

1. **Kievit, R. A.** & Henson, R. N. A. (2015). How age is affecting your mind. *Lab News*, April 2015.
2. **Kievit, R. A.**, Borsboom, D., Wagenmakers, E.-J., Wicherts, J. Wetzels, R., van Harmelen, A.-L., & Van den Berg, H. (2011). Maatregel om fraude aan te pakken brengt enkel voordelen met zich mee. [Measures to fight scientific fraud only have advantages.] *Volkskrant Online*, 16 September.

3. Borsboom, D., Wagenmakers, E.-J., Wetzels, R., **Kievit, R. A.**, Van den Berg, H., & Wicherts, J. (2011). Universiteiten en subsidieverstrekkers moeten fraude aanpakken. [Universities and funding agencies should do more to prevent scientific fraud]. *Volkskrant Online*, 9 September.
4. Wetzels, R.W. & **Kievit, R.A.** (2010). Kantoortuinen: De illusie van efficiëntie. [Open offices: The illusion of efficiency] *Folia Magazine*
5. **Kievit, R.A.** (2009). Gedrag, hersenen en deeltjes. [Behaviour, brains and particles]. *Blind*, online interdisciplinary magazine, 22.
6. **Kievit, R.A.** (2007). Representational inertia: The influence of associative knowledge on 3D mental transformations. (unpublished Master's thesis)
7. **Kievit, R.A.** (2005). The implications of multiple realizability (unpublished Master's thesis)

Software packages:

Kievit, R. A., & Epskamp, S. (2012). Simpsons: Detecting Simpson's Paradox. R package version 0.1.0. <http://CRAN.R-project.org/package=Simpsons>

Contributions:

- Conceived of software package
- Main code author

Talks and Presentations

Kievit, R.A. Mutualistic coupling between vocabulary and reasoning. Imperial College. May 2016. [Invited talk]

Murphy, F., & Kievit, R. A. University of Cambridge, Department of Genetics, The Science of E&D: Why equality and diversity benefits us all. March 2016

Kievit, R. A. A watershed model for age-related differences in executive functions. University of Amsterdam, Department of Cognition and Brain Science. April 2016. [Invited talk]

Kievit, R. A. Mutualistic coupling between vocabulary and reasoning. University of Amsterdam, Department of psychological methods. April 2016. [Invited talk]

Kievit, R.A. Mutualistic coupling between vocabulary and reasoning. University College London. [Invited talk]

Kievit, R.A. Measurement Theories for Cognitive Neuroscience. (APS, New York City, May 2015).[Conference talk]

Kievit, R.A. An overview of the not-so-distant future of psychology and cognitive neuroscience: Replication, preregistration, data sharing, open peer review and more. MRC-CBSU, Cambridge, UK. [Departmental talk]

Kievit, R.A. Multivariate methods for the cognitive neuroscience of ageing. 14th of January 2015, Plymouth University. [Invited talk]

Kievit, R.A. Modelling lifetime changes in executive function. University of Giessen, 5th December 2014. [Invited talk]

Kievit, R.A. A watershed model for executive function and psychopathology. University of Cambridge, 8th October 2014. [Invited talk]

Kievit, R.A. Simpson's Paradox in Psychological Science: A practical Guide. Economic and Social Research Council funded Advanced Quantitative Methods meeting, 25th of July, 2014, Sheffield, UK. [Invited talk].

Kievit, R.A. Differential contributions of focal grey and white matter structure to age-related changes in higher cognitive function. Co-chaired symposium 23d of May, 2014 at the annual conference of the APS, San Francisco 23d of May, 2014. [Conference talk]

Kievit, R. A. Joint determinants of prefrontal ageing: Selective frontal grey and white matter differentially mediate age-related changes in fluid intelligence and multitasking. 7th of May, 2014, at the MRC-CBSU, Cambridge, UK. [Departmental talk]

Kievit, R.A. The role of processing speed in age-related change in executive function. Edinburgh, April 30. [Invited talk]

Kievit, R.A. Relating mind to brain using psychometric models: Theory and applications for neurocognitive aging. Max Planck institute for Human Development , 11th of February. 2014. [Invited talk]

Kievit, R.A. Changes in functional and structural connectivity across adult lifespan: implications for neurocognitive ageing. Wednesday Lunch Time Seminar Series, MRC-CBSU, Cambridge, UK. 12th of June, 2013. [Departmental talk]

Kievit, R.A. Representational Geometry: A framework for integrating cognition, computation and the brain. 27th of March, MRC-CBSU, Cambridge, UK.

Kievit, R.A. Psychometric models for cognitive neuroscience: Relating brain and behaviour. 12th of December, MRC-CBSU, Cambridge, UK. [Departmental talk]

Kievit, R.A. Psychometric modelling and Neuroscience. Invited lecture at the Amsterdam Medical Centre, December 2010. [Invited talk]

Kievit, R.A. A brain scan as an IQ-test? University of Groningen, November 2010. [Invited talk]

Kievit, R.A. Understanding and the aims of cognitive neuroscience. Understanding and the Aims of Science from 31 May- 4 Jun 2010, Leiden University. [Conference talk]

Kievit, R.A. Structural Equation Modeling and Cognitive Neuroscience. IOPS winter conference, 10-11 December, Cito, Arnhem. [Conference talk]

Kievit, R.A. If neuro g is the answer, what is the question? ISIR 2009, Madrid, Spain.

Kievit, R.A. Causality, Structural Equation Modeling and Cognitive Neuroscience: Psychometric Modeling of Reductive Science. IMPS 2009, Cambridge, UK. [Conference talk]

Kievit, R.A. Statistical models for mind-body relations. University of Amsterdam, November 2008. [Invited lecture]

Poster Presentations

1. **Kievit, R.A.**, Taylor, J.R., Duncan, J., Cam-CAN, & Henson, R.N.A. Grey matter density in the Multiple Demand System explains changes in fluid intelligence over lifetime. Poster presentation at the Annual conference of the APS, 24th of May, 2013.
2. **Kievit, R.A.**, Taylor, J.R., Duncan, J., Cam-CAN, & Henson, R.N.A. Grey matter density in the Multiple Demand System explains changes in fluid intelligence over lifetime. Poster presentation at the Cambridge Neuroscience Seminar, Cambridge, 26 March 2013.
3. **Kievit, R.A.**, Waldorp, L.J., Wicherts, J.M., Romeijn, J.W., Scholte, H.S. & Borsboom, D. Connecting the mind to the brain: Psychometric modelling of the reduction problem. Poster presented at the APS conference in Washington, DC, May 2011.

Courses attended

- Bayesian Cognitive Modeling: A Practical Course (Amsterdam, August 2011)

- Learning to teach for graduate students (3 month course, 2010)
- Latent Gold (Latent variable Modelling) (Tilburg, 2009)

Awards and Grants

1. Horizon 2020: Lifebrain (Co-investigator) €10.000.000
2. CBU Director's strategic fund (co-pi). £15.000
3. Sir Henry Wellcome Postdoctoral Fellowship . 2015. **(£250.000)**.
4. MRC Special Award bonus for exceptional performance. **(£1600,00)**.
5. Winner of the 'Scopus Young Researcher of the Year Award' – Social Sciences and Humanities. **(€1500,00)**. Awarded to the most prolific and highly cited young researcher in their field.
6. Annual Best Paper Award from the Interuniversity Graduate School of Psychometrics and Sociometrics for the paper: 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. *Psychological Inquiry*, 22, 67-87. 2012 **(€600,00)**
7. Dr. Hendrik Muller Vanderlandsch fonds Grant for the master's thesis research project at Harvard University **(€1000,00)**
8. 2006 Invitational Conference for Mathematical and Computational Models of Perception and Mental Chronometry, 15-25 April, Loaningdale Centre, Biggar.
9. 2004 STUNT grant for study in New-Zealand **(€850,00)**
10. 2004 AUV study abroad grant **(€500,00)**

Professional Memberships

Member of Interuniversity Graduate School of Psychometrics and Sociometrics
Member of the Association for Psychological Science

Ad Hoc Reviewing

Proceedings of the National Academy of Sciences, The Journal of Neuroscience, Brain, Neuropsychologia, Human Brain Mapping, Cerebral Cortex, Measurement, European Journal of Neuroscience, Perceptual & Motor Skills, Measurement, Journal of Clinical Epidemiology, Emotion, Multivariate Behavioural Research, Journal of Intelligence, Royal Interface Focus, Foundations of Science, Universitas Psychologica, Foundations Of Science, Frontiers in Computational Neuroscience, Frontiers in Perception Science, Journal of Neuropsychology

Committee Work/ Other Professional Activities

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| 2015 | Director of studies (Psychology), Fitzwilliam College. Temporary appointment (January-July). |
| 2015 | Chair of the Equality and Diversity committee at the MRC-CBSU |
| 2014 | Advisory board for Curatescience.org, a platform committed to improving scientific data sharing and replicability |
| 2014 | Member of the Athena Swan committee for the MRC-CBSU, committed to advancing women's career in STEMM academia |
| 2014 | Symposium Co-Chair: The psychometrics of ageing: Novel insights and applications. Fellow speakers: Elliot Tucker-Drob, Wendy Johnson and Jack McArdle. |

- 2013-2016 Elected member of the program committee of the Annual Convention of the association for Psychological Science (<http://aps.psychologicalscience.org/>).
 -Selected invited speakers
 -Reviewed symposia and poster for the methodology track
 -Acquired **\$10.000** additional sponsorship
- 2009 Methodological consulting for the *Consumentenbond*. Assisted with design and analysis of a large scale survey. The end result was published (In Dutch) as '*Verpleegkundigen aan het woord*'.
- 2007-2009 Ambassador for the Research Master in Psychology at the University of Amsterdam.
- 2008-2012 Founder and member of the 'AiO-commissie', a committee that organizes scientific and social events for the 70+ PhD students at the faculty of Psychology at the University of Amsterdam
- 2010-2012 Organize fortnightly talks for the department of Psychological Methods, with national and international speakers.
- 2011 Co-organized the conference 'Amsterdam Brain Connectivity', 19/20th of April, 2012. [\[link\]](#)
- 2010 Organized annual summer conference for Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS) at the University of Amsterdam. 10-11 June
- 2010 Organized a 1 day conference 'Big Questions: The Future of Psychology' 9th of April, University of Amsterdam

Software and technical abilities

- Programming in R, Matlab, Mplus
- Data analysis R, Matlab, Mplus
- Basic HTML
- Multivariate modelling, IRT modelling, Structural Equation Modelling
- Neuroimaging analysis in FSL, SPM

Teaching

- 2014-2016 Supervisions in Psychology (PBS Tripos 3-5 students), Fitzwilliam College
- 2011 Lecturer in course 'Foundations of Methodology' (10 students)
- 2011 Lecturer in course 'Research Methods and Statistics' (500 students)
- 2011 Guest lecturer in course 'Controversies in Psychology' (300 students)
- 2011 Guest lecturer in course 'Neuroimaging' (40 students)
- 2010 Guest lecturer in course 'Philosophy of Psychology' (15 students)
- 2009, 2010 Lecturer in the course Causality (12 students)
- 2010- 2012 Guest lecturer in course 'Higher Mental Processes' (200 students)
- 2010, 2011 *Miniscriptie*. Academic writing course (5 students)
- 2009, 2011 Supervisor for a Practical Research Project (5 students)
- 2009-2012 Supervisor for Master thesis internship projects
- 2008- 2010 Teaching VRT-2: Advanced academic writing course
- 2007 Supervisor in a research methods course (2355R) at Harvard University (1 student)

- 2006 Lecturer of VRT 1: introductory course in academic writing. (8 students)

Media coverage

Interviews:

1. Intelligence in the Brain: Conversation With Neuroscientist Rogier Kievit. Psychology today, February 29, 2012 [\[link1\]](#) [cites Kievit et al. 2011, 2012].
2. Liegen dat het gescand staat. [The scan don't lie] Volkskrant, front cover 6th of march, 2011, online 7th of march [link](#) [cites Ganis et al. 2010].
3. Psychologische eigenschappen meten met een hersenscan – kan dat? [Identifying psychological characteristics using brain scans – is it possible?] UvANieuws, 12/06/2011. [\[link\]](#) [cites Kievit et al. 2011]
4. Online peer review as an ongoing, dynamic process. Mind open, volume 8, 2011, page 16-18. Interview. [\[link\]](#) [cites Kievit, 2011, Wicherts et al. 2012]

Other media coverage

1. **Kievit, R.A.**, van Rooijen, H., Wicherts, J.M., Kan, K.J., Waldorp, L.J., Scholte & Borsboom, D. (2012). Intelligence and the brain: A model-based approach. Cognitive Neuroscience, 3, 89-97.

Mentioned in: The Telegraph, the Daily Mail, the Daily Express and many blogs.

- a. Is General Intelligence Compatible with Evolutionary Psychology? Scientific American, June 27, 2012 [\[link\]](#)
- b. Interview 1 above

2. Kosslyn, S.M., **Kievit, R.A.**, Russel, A.G. & Shepard, J.M. (2012). PowerPoint Flaws and Failures: A Psychological Analysis. Frontiers in Educational Psychology, 3, 230.

Mentioned in:

- a. A psychological analysis of problems in Powerpoint Presentations. Computing for Psychologists, July 24, 2012. . [\[link\]](#)
- b. Psychological Principles As Guidelines For Effective PowerPoint Presentations Brain's Idea, July 16, 2012 [\[link\]](#)
- c. Altmetrics report, retrieved 16th of May, 2013. : "Positions article in the top 5% of all articles ranked by attention/Very good compared to other articles of same age & journal (98th percentile)-Very good compared to articles of the same age (99th percentile)"

3. Ganis, G., Rosenfeld, J.P., Meixner, J., **Kievit, R.A.** & Schendan, H. (2011). Lying in the Scanner: Covert Countermeasures Disrupt Deception Detection by Functional Magnetic Resonance Imaging. Neuroimage, 55, 312- 319.

Mentioned in:

- a. Interview 2 above
- b. How To Fool A Lie Detector Brain Scan. NeuroSkeptic 10th of December, 2010 [\[link\]](#)
- c. Neuroscience in courtroom: Would your brain land you in jail? Imagilys, [\[link\]](#)
- d. How to cheat a brain-scan-based lie detector. Research digest, 21/02/2011 [\[link\]](#)

- e. Why brain-based lie detection is not ready for "prime time" *NeurRealism*, 29/12/2012 [\[link\]](#)
- f. Brain scans as lie detectors: a long way to go. *Neuroscience and the law*, 26/09/2012 [\[link\]](#)
- g. The Many Dangers of Brain-Based Lie Detection. *Neuroscience and the law*, 9 November 2012 [\[link\]](#)
- h. An Official Note on Lie-Detection Neuroethics and law, 06/05/2011 [\[link\]](#)

4. **Kievit, R.A.** (2011). Parapsychologie, nullhypothesetoetsing en peer review 2.0. *De Psycholoog*, 46, 10-16.

Mentioned in:

- a. Interview 4 above

5. Wicherts, J., **Kievit, R.A.**, Bakker, M. & Borsboom, D. (2012) Letting the daylight in: Reviewing the reviewers and other ways to maximize transparency in science. *Frontiers in Computational Neuroscience*, 6, 1.

Mentioned in:

- a. Interview 4 above

6. **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. *Psychological Inquiry*, 22, 67-87.

Mentioned in:

- a. Mentioned as a Routledge: Highly Cited Articles from our Top-Ranked Behavioral Science Journals. Newsletter, 5th of September, 2012.
- b. Interview 1 and 3 above

7. Wagenmakers, E. J., Wetzels, R. W., Borsboom, D., van der Maas, H. L. J. & **Kievit, R.A.** (2012). An Agenda for Purely Confirmatory Research. *Perspectives on Psychological Science*, 7, 632-638

Mentioned in:

- a. Cleaning up Science. *The New Yorker*, 12th of December 2012. [\[link\]](#)

Miscellaneous activities/Hobbies

2007- current Editor and writer (>400 contributions) for the Dutch online satirical magazine 'De Speld'/www.speld.nl, a satirical website with more than 1.5 million monthly page views. Co-wrote and edited two published books

- De Speld Scheurkalender (2011).
- Nederland: Het boek. (2012) Prometheus, Amsterdam.

2006 President of the 'kennismakingscommissie'/'introductory committee' for the SSRA, a student organization in Amsterdam with approximately 1000 members. Organized and coordinated 2 months of introductory activities in various locations.