

PERSONAL INFORMATION

Name: Fred Hasselman
 Date of birth:
 Place of birth:
 Address:

Cell phone:
 E-mail: _____

CURRENT EMPLOYMENT

Radboud University Nijmegen, The Netherlands

University Teacher 2 (1.0 fte permanent) School of Pedagogical and Educational Science

PROFESSIONAL EXPERIENCE

Legend:

RM BSc - Research Master Behavioural Science (Graduate School)
 Ba(1,2,3) - Bachelor Psychology or Pedagogical and Educational Science

Teaching:

- **Courses I (co-)developed:**
 - *Complexity Methods for Behavioural Science: A toolbox for studying change* - Radboud Summer School (June 2019)
 - *Analysis 4: Intra-individual variation* (Co Lecturers: prof. dr. A. Bosman dr. M. Wijnants, dr. M. van Rooij, 2017-current, Ba3 PWO)
 - *Introduction to Scientific Research* (2015-2017, Ba1 PWO)
 - *Dynamics of Complex Systems* (Co Lecturer: dr. M. Wijnants; 2012-current, RM BSc)
 - *Advanced Data Analysis: Expert Track and Math Lectures* (Co-lecturer: dr. R. Cox; 2010-2011 RM BSc)
 - *Change, Development and Emergence* (Co-lecturer: dr. R. Cox; 2008-2010 Ba2 PSYCH)
 - *Advanced Data Analysis: Multilevel Analysis* (2009-2011 RM BSc)
 - *Advanced Data Analysis: Dynamics of Complex Systems* (Co-lecturer: dr. R. Cox; 2006-2011 RM BSc)
- **Courses I taught but did not develop:**
 - *Inferential Statistics* (2012-2016 B1 PWO)
 - *Methods* (2009-2010 B1 PSYCH)
 - *Advanced Data Analysis: Multilevel Analysis* (2008-2009 RM BSc)
 - *Research methods 1* (2006-2009 B1 PSYCH)
 - *Skills for academics* (2006-2009 B1 PSYCH)
 - *Research methods 3* (2009-2011 B3 PSYCH)
 - *Psychometrics* (2006-2007 B2 PWO)
 - *TA Library use and literature review skills* (2004-2005 B1 PSYCH)
 - *Research Seminar* (2001-2007 B3 PWO)
 - *Skills for academics* (2001-2006 B1 PWO)
 - *TA History of Psychology I* (1999-2000 B1 PSYCH)
 - *TA History of Psychology II* (1999-2000 B1 PSYCH)

- **Examples of invited guest lectures in curriculum courses:**
 - *Philosophy of Behavioural Science* coordinated by prof. dr. J. Bransen (2017-2018 RM BSc)
 - *Embodied Cognition* coordinated by prof. dr. A. van Knippenberg (2009-2011 RM BSc)
 - *Psychology in Action (PiA)* coordinated by dr. B. Hofstede (2008-2010 Ba1 PSYCH)
- **Examples of invited workshops / tutorial symposia:**
 - *The historical meaning of the crisis in psychology* (April 13th 2018) James Coleman Symposium (“Is that true? Replication and Meta-analysis in the social sciences”)
 - *Dealing with Hierarchical, Nested and Temporal Dependencies in Data: An introduction to (Generalized) Linear and Nonlinear Mixed Model*, Cologne University, Germany (June 2nd 2017)
 - *A Complex Systems Approach to Study Human Nature: An introduction to the analytical toolbox of Complexity Science*. Cologne University, Germany (May 5th 2017)
 - *Introductory Symposium on Complexity for Behavioural Sciences*, Rijksuniversiteit Groningen (November 17th 2017)
 - *Crash course multilevel analysis*. Behavioural Science Institute, RU Nijmegen (April 1st and April 6th, 2010)
 - *Recurrence Analysis: Quantifying the Dynamics of Complex Systems* (Co-lecturer: dr. R. Cox). University Hospital Toronto, Canada (August 24th & 25th, 2009)
 - *It's about time* (part 1 & 2). Language, Literacy and Communication Group, Behavioural Science Institute, RU Nijmegen (October 17th & December 5th 2008)
 - *Dynamic Systems Approaches for the Behavioural Sciences* (Co-lecturer: dr. R. Cox). Behavioural Science Institute, RU Nijmegen (April 27th & 28th and May 23rd & 24th, 2006)
- **Copromotor / Advisor / Counselling:**
 - *Copromotor* Roy Vink (with dr. M. Wijnants, Promotores: prof. dr. A. Cillessen, prof. dr. A. Bosman; Defense 19-11-2018)
 - *Copromotor* Pieter de Bordes (with dr. R. Cox [RUG], Promotor: prof. P. van Geert [RUG])
 - *Copromotor* Merlijn Olthof (with dr. A. Lichtwarck-Aschoff, Promotor: prof. I. Granic)
 - *Copromotor* Mijntje Peeters (with prof. A. Bosman, prof. A. de Groot)
 - *Copromotor* Wouter Oomens (with dr. R. Maes [DCC], Promotor: prof. J. Egger [DCC])
 - *Manuscript Committee* PhD candidate E. Abramova (Promotores: prof. dr. M. Slors, dr. I. van Rooij)
 - *Advisor* (1st, 2nd, 3rd) on MSc Behavioural Science Major Thesis, e.g. 2017-2018: R. Kuurstra (with MSc S. Graafstal), G. Druiff-van de Woestijne (with dr. A. Lichtwarck-Aschoff), R. Benthem-de Grave (with dr. E. Bijleveld), J. Twose (with prof. dr. M. Cima).
 - *Exam Committee* Master Thesis, e.g. Ma Philosophy, F. Oude Maatman (2017)
 - *Advisor and consultant* on PhD and Post-Doc projects (2006-present in various functions)
 - *Advisor and consultant* for student theses (Ba Psychology, Ba PWO, Honours program Psychology, MSc Behavioural Science Minor Thesis) 2001-present in various functions
 - *Statistical consultant* at the Faculty of Social Sciences RU Nijmegen (Research Technische Ondersteuningsgroep 1998-2000 for 0.5 fte temporary; 2000-2007 for 0.2 fte permanent)

Research:

- *Data modeling expert* (Multilevel analysis) on project: “Onderwijsvernieuwing met een adaptief leermiddel: Richting gepersonaliseerd leren”. Project leader: dr. I. Molenaar (2016-2017 for 0.45 fte)
- *Team leader* on BITSS project: “Examining the Reproducibility of Meta-Analyses in Psychology” Project Leader: dr. D. Lakens (2017-current)
- *Project leader* (with prof. B. Nosek, dr. R. Klein & dr. M. Vianello) on “ManyLabs 2: Investigating variation in replicability across sample and setting.” (2014-2018)
- *Project leader* on “Intervention induced reconfiguration of functional brain networks in dyslexic readers” (2011-2016 for 0.5 fte)
- *Data modelling expert* (Multilevel analysis) on project: “Gender specific attitudes of teachers and students towards science and technology”. Project leader: prof. dr. E. Denessen (2010 for 0.45 fte)

- *PhD* project: “Early Diagnosis and Treatment of Developmental Dyslexia: The Role of Speech Manipulation”. Promotor: prof. dr. L.T.W. Verhoeven (2000-2006 for 0.8 fte); Dissertation partly reporting research conducted in the context of this project defended in 2015 as: “Beyond the boundary. An analysis of verisimilitude and causal ontology of scientific claims: Aetiologies of developmental dyslexia as a case in point.” Promotores: prof. dr. A.M.T. Bosman & prof. dr. L.T.W. Verhoeven (2012 - 2015)
- Collaboration on various projects, reports, and scientific publications (2004-present) due to my expertise in data modelling (e.g. time series modelling, multilevel analysis), research methods (e.g. action dynamics, intra individual variability) and technical skills (e.g. software engineering, Matlab & R scripts, SPSS automation)

Software Development / Reproducible Research:

- I contribute to the development of openly accessible code and analysis scripts to reproduce published results (e.g. the Centre for Open Science, the Many Labs projects, but also individual researchers).
- I create R libraries and Matlab functions which are all available on GitHub (<https://github.com/FredHasselman>):
 - *casnet*: An R toolbox for studying Complex Adaptive Systems and NETWORKS
 - *invctr*: An R-package full of infix functions
 - *gRidware*: An R-implementation of the Gridware java program for State Space Grid Analysis (in collaboration with prof. T. Hollenstein)
 - *manylabRs*: R functions used in Manylabs 1 and Manylabs 2
- I created a module for the Jamovi software (<https://www.jamovi.org>), which is used in the course Analysis 4 (Ba3 PWO). It allows students without any knowledge of R, to conduct analyses such as Recurrence Quantification Analysis and State Space Grids in an environment that resembles SPSS

Organization / Management / Co-determination:

- Member of the BSI Methods and Statistics Group
- Member of the Statistics Innovation Group Faculty of Social Sciences
- COMPLEXIS - the International Conference on Complexity, Future Information Systems and Risk (Program Committee, 2016-present)
- Badges to Acknowledge Open Practices (Committee member 2015-present)
- www.curatescience.org (Member of advisory board 2015-2017)
- Reorganisation of the data analysis courses of the Research Master Behavioural Science RU Nijmegen to address critical comments by accreditation committee (2010-2011 for .05 fte)
- Advising about quality of student evaluation (test construction, grading) of individual courses and reporting suggestions for program-wide improvement (Ba Psychology) at the school of Psychology and Artificial Intelligence RU Nijmegen (Tentamenteam 2007-2009 for 0.3 fte)
- Member of the subcommittee of the Faculty of Social Sciences RU Nijmegen representing PhDs and Post-Docs (Onderdeelcommissie FSW 2005-2006)
- Chair of the junior-researcher council representing PhDs and Post-Docs of the Faculty of Social Sciences RU Nijmegen. (Junioren Overleg Sociale Wetenschappen FSW 2003-2005)
- Member of the Work Council of RU Nijmegen. (Ondernemingsraad RU 2001-2003)
- Member of the subcommittee of the Faculty of Social Sciences RU Nijmegen representing students (Subfaculteitsraad FSW 1996-1997)
- Member of the library committee of the Faculty of Social Sciences RU Nijmegen representing students (Bibliotheekcommissie FSW 1997-1998)
- Member of the student council Sint Joriscollege Eindhoven (Leerlingenbestuur 1991-1993)

CERTIFICATIONS – SKILLS – MEMBERSHIPS

Qualifications:

- BKO (Certified university lecturer: Basic)
- UKO (Certified university lecturer: Advanced)

Skills pertaining to data analysis and research methods:

- *Quantitative analysis of static variables or stationary data*: Generalized linear model (and the classical models it generalizes), Structural equation and random effects models (i.e. SEM, Multilevel and crossbreeds), nonlinear regression models (i.e. catastrophe models), linear time series analysis (i.e. ARX models, Hidden Markov Models, simultaneous vector regression)
- *Quantitative analysis of dynamic variables or non-stationary data*: (Cross-) Recurrence Quantification Analysis, (Multi-) fractal analyses (i.e. Detrended Fluctuation Analysis, Wavelet Maxima Modulus Transform, Spectral slope), Complex Network Analysis (based on Graph theory)
- *Mathematical data modelling*: (Coupled) differential equations, Iterated function systems, Distribution modelling, Agent-based models
- *Classification / Neural network modelling*: Naïve Bayesian, Receiver Operating Characteristics, supervised learning models, recurrent networks, leaky integrate and fire networks, self-organizing maps
- *Matlab and R programming*: statistics, signal analysis, graphics, data manipulation
- *Proficiency with statistical software*: SPSS, R, Mplus, MLwiN, AMOS, Lisrel
- *Proficiency with (special purpose) programming languages*: Delphi, Visual Basic, Javascript, Python, E-prime, Inquisit, Presentation, Matlab PsychToolBox

FUNDING / GRANTS

Awarded:

- Co-applicant BITSS project: *“Examining the Reproducibility of Meta-Analyses in Psychology”* (~1 RA)
- Two-year personal grant (0.5 fte) for the project proposal *“Intervention induced reconfiguration of functional brain networks in dyslexic readers”* partly funded by the Regionaal Instituut voor Dyslexie; running from 2011-2013. Awarded: ±100k Euro
- Personal grant (0.2 fte) for the improvement and development of a scientific track record granted by the school of Psychology and Artificial Intelligence, RU Nijmegen; running from 2008-2010. Awarded: ± 40k Euro

Applied:

- NWO vernieuwingsimpuls Veni: *“Putting the Theory Before the Results Again: Formal Theoretical Methods to Reinvigorate the Theoretical Cycle in Psychological Science.”* (2018)
- Co-applicant ZonMw OnderzoeksProgramma GGz: *“Personalized treatment and the dynamics of individual change. A client perspective on treatment progression in specialized youth care.”* (2018; main applicants: dr. A. Lichtwarck-Aschoff, dr. R. Otten)
- Co-applicant NRO Programma Praktijkgericht Onderzoek: *“Werkplaats Onderwijsonderzoek Primair Onderwijs; gepersonaliseerd leren met ICT”* (2018; main applicant: dr. I. Molenaar)

EDUCATION

PhD Social Science (Cum Laude)

22/05/2015 - Radboud University Nijmegen

MSc Cognitive Science [Psychologische Functieer]

11/02/2000 - Radboud University Nijmegen

VWO (pre-university secondary education)

16/07/1993 - Sint Joriscollege Eindhoven

PUBLICATIONS

Preprints / Submitted

- De Bordes, P., Hasselman, F., & Cox, R. (2018). Attunement and Affordance Learning in Infants. *Journal of Cognition and Development [Submitted]*.
- Hasselmann, F., Cox, R. F. A., & Bringmann, L. F. (2018). Detecting Order Transitions in Multivariate Time Series of Intra-individual Psychological Dynamics Using Multiplex Cross Recurrence Networks. *Chaos: An Interdisciplinary Journal of Nonlinear Science [Submitted]*.
- Hasselmann, F., Crielaard, S. V., & Bosman, A. M. (2018). Think indifferent: On the perils of scientific deliberation, without attention for critical evaluation. *Meta-Psychology [Submitted]*. Retrieved from <https://dx.doi.org/10.17605/OSF.IO/J944a>
- Olthof, M., Hasselman, F., Strunk, G., van Rooij, M., van Aas, B., Helmich, M.A, Schiepek, G., & Lichtwarck-Aschoff, A. (2018). Critical Fluctuations as an Early-Warning Signal for Sudden Gains and Losses in Patients receiving Psychotherapy for Mood Disorders. *Clinical Psychological Science [Submitted]*
- Vink, R., Hasselman, F., Wijnants, M., Cillessen, A. H. N., & Bosman, A. M. T. (2018). Coordinating postural sway: Do children with and without a neurodevelopmental disorder differ? *Nonlinear Dynamics in Psychology and the Life Sciences [Submitted]* Retrieved from <https://doi.org/10.31234/osf.io/n96y7>

Publications / In Press

2018

- Cordewener, K. A., Hasselman, F., Verhoeven, L., & Bosman, A. M. (2018). The role of instruction for spelling performance and spelling consciousness. *The Journal of Experimental Education, 86(2)*, 135-153.
- Ebersole, C. R., Nosek, B. A., Kidwell, M., Buttrick, N., Baranski, E., Chartier, C. R., et al. (2018). Many Labs 5: Can conducting formal peer review in advance improve replicability? *Advances in Methods and Practices in Psychological Science (AMPPS) [Accepted]* Retrieved from <https://osf.io/7a6rd>
- Klein, R. A., Vianello, M., Hasselman, F., Adams, B. G., Adams, R. B., Alper, S., & ... Nosek, B.A. (2018). Many Labs 2: Investigating variation in replicability across sample and setting. *Advances in Methods and Practices in Psychological Science (AMPPS)*, 4.
- Lakens, D., Adolphi, F., Albers, C., Anvari, F., Apps, M., Argamon, S., & Zwaan, R. (2018). Justify your alpha: A response to "redefine statistical significance". *Nature Human Behaviour, 2(3)*, 168–171. <https://doi:10.1038/s41562-018-0311-x>

Vink, R., Hasselman, F., Cillessen, A. H., Wijnants, M. L., & Bosman, A. M. (2018). Does competence determine who leads in a dyadic cooperative task? A study of children with and without a neurodevelopmental disorder. *Complexity*, 2018(Article ID 5379531), <https://doi.org/10.1155/2018/5379531>

2017

Lakens, D., Page-Gould, E., Assen, M. A. van, Spellman, B., Schönbrodt, F., Hasselman, F., et al. (2017). Examining the reproducibility of meta-analyses in psychology: A preliminary report. Retrieved from <https://osf.io/preprints/bitss/xfbjf>. BITSS.

2016

Anderson, C. J., Bahnik, S., Barnett-Cowan, M., Bosco, F. A., Chandler, J., & Chartier, C. R. et.al. (2016). Response to comment on “Estimating the reproducibility of psychological science”. *Science*, 351(6277), 1037-1037.

2015

Denessen, E., Vos, N., Hasselman, F., & Louws, M. (2015). The relationship between primary school teacher and student attitudes towards science and technology. *Education Research International*, 2015(Article ID 534690), 7.

Hasselmann, F. (2015). Classifying acoustic signals into phoneme categories: Average and dyslexic readers make use of complex dynamical patterns and multifractal scaling properties of the speech signal. *PeerJ*, 3, e837.

Oomens, W., Maes, J. H., Hasselman, F., & Egger, J. I. (2015). A time series approach to random number generation: Using recurrence quantification analysis to capture executive behavior. *Frontiers in Human Neuroscience*, 9, 319.

Open Science Collaboration. (2015). Estimating the reproducibility of psychological science. *Science*, 349(6251), aac4716.

2014

Arns, M., Cerquera, A., Gutiérrez, R. M., Hasselman, F., & Freund, J. A. (2014). Non-linear EEG analyses predict non-response to rTMS treatment in major depressive disorder. *Clinical Neurophysiology*, 125(7), 1392–1399.

Klein, R. A., Ratliff, K. A., Vianello, M., Adams Jr, R. B., Bahnik, Š., Bernstein, M. J., ... others. (2014a). Investigating variation in replicability: A “many labs” replication project. *Social Psychology*, 45(3), 142–152.

Klein, R. A., Ratliff, K. A., Vianello, M., Adams Jr, R. B., Bahnik, Š., Bernstein, M. J., ... others. (2014b). Theory building through replication: Response to commentaries on the “many labs” replication project.

Klein, R., Ratliff, K., Vianello, M., Adams Jr, R., Bahnik, S., Bernstein, M., ... others. (2014). Data from investigating variation in replicability: A “many labs” replication project. *Journal of Open Psychology Data*, 2(1).

2013

Bordes, P. F. de, Cox, R. F., Hasselman, F., & Cillessen, A. H. (2013). Toddlers’ gaze following through attention modulation: Intention is in the eye of the beholder. *Journal of Experimental Child Psychology*, 116, 443–452.

- Bosman, A. M., Cox, R. C., Hasselman, F., & Wijnants, M. L. (2013). From the role of context to the measurement problem: The dutch connection pays tribute to guy van orden. *Ecological Psychology*, 25(3), 240–247.
- Cox, R. F., & Hasselman, F. (2013). The case of watson vs. james: Effect-priming studies do not support ideomotor theory. *PLoS One*, 8(1), e54094.
- Hasselmann, F. (2013). When the blind curve is finite: Dimension estimation and model inference based on empirical waveforms. *Frontiers in Physiology*, 4, 75.
- LeBel, E. P., Borsboom, D., Giner-Sorolla, R., Hasselman, F., Peters, K. R., Ratliff, K. A., & Smith, C. T. (2013). PsychDisclosure.org: Grassroots support for reforming reporting standards in psychology. *Perspectives on Psychological Science*, 8(4), 424–432.
- Wijnants, M., Cox, R., Hasselman, F., & Bosman, A. (2013). Does sample rate introduce an artifact in spectral analysis of continuous processes? *Frontiers in Physiology*, 3, 495.

2012

- Graag, J. A. de, Cox, R. F., Hasselman, F., Jansen, J., & Weerth, C. de. (2012). Functioning within a relationship: Mother–infant synchrony and infant sleep. *Infant Behavior and Development*, 35(2), 252–263.
- Lichtwarck-Aschoff, A., Hasselman, F., Cox, R., Pepler, D., & Granic, I. (2012). A characteristic destabilization profile in parent-child interactions associated with treatment efficacy for aggressive children. *Nonlinear Dynamics-Psychology and Life Sciences*, 16(3), 353.
- Wijnants, M., Cox, R., Hasselman, F., Bosman, A., & Van Orden, G. (2012). A trade-off study revealing nested timescales of constraint. *Frontiers in Fractal Physiology*, 3, 1–15.
- Wijnants, M., Hasselman, F., Cox, R., Bosman, A., & Van Orden, G. (2012). An interaction-dominant perspective on reading fluency and dyslexia. *Annals of Dyslexia*, 62(2), 100–119.

2011

- Diniz, A., Wijnants, M. L., Torre, K., Barreiros, J., Crato, N., Bosman, A. M., ... Delignières, D. (2011). Contemporary theories of 1/f noise in motor control. *Human Movement Science*, 30, 889–905.
- Graaff, S. de, Hasselman, F., Verhoeven, L., & Bosman, A. M. (2011). Phonemic awareness in dutch kindergartners: Effects of task, phoneme position, and phoneme class. *Learning and Instruction*, 21(1), 163–173.

2010

- Hasselmann, F., Seevinck, M., & Cox, R. (2010). Caught in the Undertow: There is Structure Beneath the Ontic Stream. Available at SSRN: <http://dx.doi.org/10.2139/ssrn.2553223>

2009

- Graaff, S. de, Bosman, A. M., Hasselman, F., & Verhoeven, L. (2009). Benefits of systematic phonics instruction. *Scientific Studies of Reading*, 13(4), 318–333.
- Wijnants, M. L., Bosman, A. M., Hasselman, F., Cox, R. F., & Van Orden, G. C. (2009). 1/f scaling in movement time changes with practice in precision aiming. *Nonlinear Dynamics, Psychology, and Life Sciences*, 13(1), 79.

2008

- Graaff, S. de, Hasselman, F., Bosman, A. M., & Verhoeven, L. (2008). Cognitive and linguistic constraints on phoneme isolation in Dutch kindergartners. *Learning and Instruction*, 18(4), 391–403.

2007

Graaff, S., Verhoeven, L., Bosman, A. M., & Hasselman, F. (2007). Integrated pictorial mnemonics and stimulus fading: Teaching kindergartners letter sounds. *British Journal of Educational Psychology*, 77(3), 519–539.

2005

Kieboom, P. M., Hasselman, F., Verhoeven, L., & Bosman, A. M. T. (2005). Leesinterventies verbeteren de leesprestaties en spellinginterventies verbeteren de spellingprestaties bij kinderen met lees- en spellingproblemen. *Tijdschrift Voor Orthopedagogiek*, 44, 250–258.

2004

Segers, E., Hasselman, F., Verhoeven, L., & Graaff, S. de. (2004). Spraakmanipulatie en educatieve software ter stimulering van het fonologisch bewustzijn van kleuters met een risico op leesproblemen. *Stem-, Spraak-En Taalpathologie*, 12(3).

Conference Proceedings / Book Chapters / Reports**2018**

Hasselmann, F., Cox, R., de Bordes, P., Druif-van de Woestijne, G., Bringmann, L., & Lichtwarck-Aschoff, A. (2018) Revealing timescales dynamics in developmental systems using Recurrence Analysis: Theory and applications. *48th meeting of the Jean Piaget Society*.

2017

Molenaar, I., Bakker, M., Knoop-van Campen, C., & Hasselman, F. (2017). Onderwijsvernieuwing met een adaptief leermiddel. richting gepersonaliseerd leren. *Onderwijs Research Dagen (ORD 2018): Ondersteboven van onderwijs: Abstractboek*, 255-256.

Molenaar, I., Knoop-van Campen, C. A., & Hasselman, F. (2017). The effects of a learning analytics empowered technology on students' arithmetic skill development. *17th Biennial Conference EARLI: Book of Abstracts and Extend Summaries*, 378-379.

2016

Hasselmann, F. (2016). Multifractal scaling of the speech signal: The ultimate embodied invariant for speech perception? In. *14th European Workshop on Ecological Psychology*.

2015

Hasselmann, F. (2015). Beyond the boundary: An analysis of verisimilitude and causal ontology of scientific claims: Aetiologies of developmental dyslexia as a case in point (PhD thesis). Doctoral Dissertation - Faculty of Social Science, Radboud University Nijmegen. Retrieved from: <https://osf.io/ephca/>.

2011

- Cox, R. F. A., Hasselman, F., & Seevinck, M. P. (2011). A Process Approach to Psychological Measurement: Lessons from Quantum Mechanics. Paper presented at the Proceedings of the 16th international conference on perception-action.
- Hasselmann, F., Turvey, M. T., Seevinck, M. P., & Cox, R. F. A. (2011). (Still) Growing Up: What should we be a realist about in the cognitive and behavioural sciences? [Abstract]. Paper presented at the Proceedings of the 16th international conference on perception-action.
- Hasselmann, F. (2011). The promise of complex network analysis for Neuroscience: Graphing the adaptive reconfiguration of structural and functional brain networks [Abstract]. Paper presented at the Proceedings of the 2nd meeting of the society for complex s, Boston, MA.
- Hasselmann, F., Dale, R., Holden, J. G., Chemero, A., Dietrich, E., Seevinck, M. P., & Cox, R. F. A. (2011). What should we be realist about in cognitive science? [Abstract]. Paper presented at the Proceedings of the 33rd annual meeting of the cognitive science society, Austin, TX.
- Wijnants, M. L., Bosman, A. M. T., Cox, R. F. A., Hasselman, F., & Van Orden, G. C. (2011). Nested Timescales of Motor Control: a Trade-Off Study. In Charles, E., & Smart, L. J. (Eds.), *In Studies in perception and action* xi Taylor & Francis Group, LLC.

2009

- Cox, R. F. A., & Hasselman, F. (2009). Insight (in) problem solving: RQA of structural changes in cognition. Paper presented at the Proceedings of the 3rd international symposium on recurrence plots.
- Cox, R. F. A., & Hasselman, F. (2009). Towards a dynamic embodied ideomotor principle. Paper presented at the Proceedings of the 15th international conference on perception & action. Minneapolis, USA: ICPA.
- Hasselmann, F. (2009). Action dynamics reveal implicit racial bias. Paper presented at the Proceedings of the 15th international conference on perception & action.
- Hasselmann, F., & Cox, R. F. A. (2009). Probing the temporal structure of human interaction: RQA of behavior observation data. Paper presented at the Proceedings of the 3rd international symposium on recurrence plots.

2006

- Bosman, A. M. T., Hasselman, F., & Cox, R. F. A. (2006). Working memory, long-term memory, and reading: The case of catastrophe theory versus regression analysis. Paper presented at the Proceedings of the 3rd European working memory symposium.

2005

- Hasselmann, F. (2005). The auditory temporal processing deficit of developmental dyslexia: A causal factor, or a trivial neurological deficit? Paper presented at the Proceedings of the 4th endo-, neuro-, psychomeeting.

1996

- Hasselmann, F. (1996). *Meesters van het Labyrint [Masters of the Labyrinth]*. Nijmegen: Studium Generale, Uitgeverij Katholieke Universiteit Nijmegen.

Publications for professionals / news media

- I have published in Dutch peer reviewed journals (Tijdschrift voor Orthopedagogiek, Stem-, Spraak- en Taalpathologie) and magazines for professionals and patient groups. Recent titles include: “Dyslexie en de wetenschap van het individu: Tijd voor Complexiteit” (Remediaal); “Dyslexie: Geen stoornis, maar variatie op ‘t normale” (Balans); “Dyslexie komt minder voor dan je denkt” (CNV Schooljournaal)
- I am occasionally interviewed as an expert in national and international media outlets to comment on recent scientific publications (e.g. “de Volkskrant”)

ACADEMETRICS

Google Scholar Citations: <http://scholar.google.com/citations?user=yIITr6QAAAAJ>

	<i>All years</i>
Citations	4115
h-index	17
i10-index	21

According to Google Scholar Citations my h-index is 17 (accessed 22/11/2018). My publications were cited 4115 times, “Estimating the reproducibility of psychological science” is clearly an outlier and is responsible for 63% of all citations. The remaining citations are distributed more evenly, the top 10 of my most cited papers received at least 40 citations and 21 publications were cited at least 10 times.

Other Scientific Profiles:

OrCID: <http://orcid.org/0000-0003-1384-8361>
 ResearcherID: <http://www.researcherid.com/rid/C-5603-2011>
 ResearchGate: http://www.researchgate.net/profile/Fred_Hasselman
 Open Science Framework: <https://osf.io/profile/>
 GitHub: <https://github.com/FredHasselman>

RECENT INTERNATIONAL CONTACTS

Brian Nosek - University of Virginia, US
Rick Klein - Université Grenoble Alpes, France
Michelangelo Vianello - University of Padua, Italy
Jay Holden - University of Cincinnati, US
James Dixon - University of Connecticut, US
Günther Schiepek - Paracelsus Medical University Salzburg, Austria

HONOURS AND AWARDS

- I was awarded my PhD Cum Laude (2015).
- Best male teacher of the Research Master Behavioural Science, awarded by the students of the RMBS (2010-2011)

- Most Knowledgeable of the Research Master Behavioural Science, awarded by the students of the RMBS (2010-2011)
- RM BSc thesis by P. de Bordes was awarded "best thesis 2010-2011" by a committee representing the Behavioural Science Institute (role: co-advisor)
- MSc thesis by Marieke Peeters was awarded best thesis in the area of educational and pedagogical science in the Netherlands 2005, by the Frater Rombouts Stichting (role: main advisor)
- Awarded first prize for the essay: "Masters of the labyrinth" in the University of Nijmegen essay contest bearing the theme: "*Man and his brain*" (1995)