

PERSONAL DETAILS

Surname : Rippe
 First names : Ralph Christian Alexander
 Title : Dr / PhD
 E-mail : rrippe@fsw.leidenuniv.nl
 Date of Birth : February 5th, 1982
 Online profiles : <https://www.linkedin.com/in/ralphrippe/>
 with **publications** : <https://www.researchgate.net/profile/Ralph-Rippe>
 <https://www.universiteitleiden.nl/en/staffmembers/ralph-rippe>

RESEARCH INTERESTS

Applied in a wide range of (inter)national collaborations, my main interests lie at the intersection of statistics and (any interdisciplinary) application in child education, child behavior and child health, mental health, curriculum development, child fostering evaluation and intervention efficacy, thus mainly in, but not limited to, Social and Behavioral Sciences.

For example, I am intrigued by how internal factors (e.g. genetics) and environment interplay in their influence on the stress children or families (have) experience(d), on how children form (inadequate) attachment bonds, how groups of at-risk children might benefit from early interventions on literacy and numeracy and how they form (un)healthy eating behaviors. As I work at the front of these research topics, new and unsolved statistical and design issues are encountered on a regular basis.

My main focus is on gaining insight into the combined effects of sample size, high signal-to-noise data (for example coded observations of behavioral data as well as self-reports), and skewed scales on estimation bias and Type I/II errors in complex models. Such models range from such as (within-subjects) interactions, mediation, multilevel models (when observations are nested within families, schools, day care centers, and clinics) and path analysis (for example group measurements on child abuse, obesity, bullying, eating behavior) over time, with time-dependent covariates.

Furthermore, I currently chair a group of methodologists and statisticians (holding a PhD) that provides consultation on the above as well as on (models for) categorical data and nonlinear approaches, meta-analysis and machine learning, case-series (N=1) in developmental and clinical designs, as well as in qualitative research designs, such as focus groups and semi-structured interviews.

SCIENTIFIC TRAINING

2006-2012	PhD candidate	Leiden University
	supervisors	prof. dr. J J. Meulman prof. dr. P.H.C. Eilers
	Doctoral Thesis	<i>Advanced Statistical Tools for SNP Arrays</i>
2012 November 13	defense	
2002-2006	Psychology	Leiden University
2006 August 31	Masters-degree	(cum laude) Psychometrics and Research Methodology
2005 June 30	Bachelors-degree	
2004 June 23	Honours Lectures	(2003-2004)

POSITIONS – LIST ONLY (DETAILS UNDER WORK EXPERIENCE)

November 2022 – August 2024	<u>Visiting researcher and advisor Research Methods and Statistics</u> Klinik für Angeborene Herzfehler , Kinderkardiologie Deutsches Herzzentrum Berlin (DHZB) @ Charité, KinderKardiologie, with Prof. Schmitt & dr. Ferentzi, Berlin, Germany
March 2020 – present	<u>Associate Professor of Research Methods and Statistics</u> Institute of Education and Child Studies, Research Methods and Statistics, Leiden University, The Netherlands
February 2018 – present	<u>Chair of Research Methods and Statistics</u> Institute of Education and Child Studies, Research Methods and Statistics, Leiden University, The Netherlands
August 2016 – May 2019	<u>Visiting Senior Researcher (Associate Professor)</u> Department of Public Health and Primary Care School of Clinical Medicine, University of Cambridge, United Kingdom
January 2013 – present	<u>Assistant Professor</u> (1.0 fte), Institute of Education and Child Studies, Centre for Child & Family Studies, Leiden University, The Netherlands
January 2012 – December 2012	<u>Statistician</u> (1.0 fte), department of Clinical Epidemiology, Leiden University Medical Center
June 2006 – December 2011	<u>Lecturer</u> (0.2 fte), Institute of Education and Child Studies, Centre for Child and Family Studies, Leiden University
June 2006 – December 2011	<u>PhD Candidate</u> (0.8 fte), Institute of Psychology, Methodology and Statistics, Leiden University
September 2004 – June 2006	<u>Teaching Assistant</u> 'Psychometrics and Research Methodology' Leiden University, Psychology

GRANTS, FUNDING, PRIZES AND NOMINATIONS

2019	Jacobs Foundation Research Grant (10.000 CHF), project titled: <i>"Parenting Transgender Youth: More Questions Than Answers"</i> awarded to dr. R. Huffmeijer (P.I.), D. Raaijmakers (P.I.) - R.C.A. Rippe was supporting co-applicant only
2017	Wellcome Trust Research grant - €35.000,- for statistical support in Disorganized Attachment project (with dr. R. Duschinsky and dr. S. Reijman, Cambridge University)
2016	Leiden University Fund Research grant - €5.000,- for statistical support in 50-year anniversary project
2013	Jacobs Foundation Young Scholarship Research Grant (120.000 CHF), project titled: <i>"DRD4 genotype as a moderator of L-Dopa intervention effects on parent-related neurocognitive processes, behaviors, and attitudes: A micro-trial of differential susceptibility to pharmacological intervention"</i> awarded to R.C.A. Rippe (P.I.), R. Huffmeijer (P.I.) and V.R. Mileva (P.I.).
2013	Jacobs Foundation Young Scholarship Research Grant (80.000 CHF) – <u>Co-applicant</u> , project titled: <i>"Genetics of Relationships"</i> awarded to Michael Pluess (P.I.), Galena K. Rhoades (P.I.)
2010	Best Student Presentation - 25th International Workshop on Statistical Modeling
2009	Best Student Paper - 24th International Workshop on Statistical Modeling (Ithaca, NY)
2009	Best Poster - Second IBS Channel Network Conference (Ghent)

- 2007 Leiden University Fund travel grant – €1.500,- euro
 for the 'International Meeting of the Psychometric Society' in Tokyo, Japan
- 2006 Nomination for 'Van de Geer award' for 'Best Master Thesis' in Department of Psychology

WORK EXPERIENCE (DETAILED)

- November 2022 – August 2024** Visiting Researcher – formal guest contract
Klinik für Angeborene Herzfehler / Kinderkardiologie
Deutsches Herzzentrum Berlin (DHZB), Berlin, Germany
formally affiliated with **Charité** as of December 2022
Scaled-up collaboration in a multicenter study (in two heart clinic in separate cities in Germany, including DHZ Berlin) on parental family care satisfaction, and providing statistical consultation and collaboration on a multi-city German-speaking uniform translation of the EMPATHIC-30-G(erman).
Statistical support for several DHZB (PhD) thesis students
- January 2021 – October 2022** Advisor (Senior) Researcher
Klinik für Angeborene Herzfehler / Kinderkardiologie
Deutsches Herzzentrum Berlin, Berlin, Germany
Small collaborations through consultations which resulted in a study protocol (now published) and a first evaluation of Berlin translation of the EMPATHIC-30 questionnaire
- March 2020 – present** Associate Professor (1.0 fte), Institute of Education and Child Studies,
Research Methods and Statistics, Leiden University
Co-supervisor PhD project Suzanne Andeweg - defense 2021
Co-supervisor PhD project Fenne Bodrij - ongoing
- September 2019 – present** Chair of Faculty committee on “Innovations in teaching Research Methods and Statistics” (involving all Faculty Institutes)
Faculty of Social and Behavioral Sciences, Leiden University
Training: Academic Management and Leadership (14 weeks)
- February 2018 – present** Group Chair
Member of Institute Management Team
Research Methods and Statistics group,
Institute of Education and Child Studies, Leiden University
- August 2016 – May 2019** Visiting Senior Researcher (Associate Professor),
Department of Public Health and Primary Care
School of Clinical Medicine, University of Cambridge, United Kingdom
(Institution placed 2nd in 2018 Shanghai ARWU ranking)
- January 2013 – February 2020** Assistant Professor (1.0 fte), Institute of Education and Child Studies, Centre for Child and Family Studies, Leiden University
Models for genetic data (SNP arrays, sequencing, meta-analyses, GxE, association studies) Lecturing and coordinating courses in Statistics (1st-5th year students and PhD students) Statistical Consultation in the Faculty of Social and Behavioral Sciences
Co-supervisor PhD project on Effectiveness of Reading Interventions - defense 2018
Co-supervisor PhD project on childhood obesity, eating habits & cognitions - defense 2017
Co-supervisor PhD project Genetics in Generation-R (from Leiden University) - defense 2015
Advised PhD project Generation-R (from Erasmus MC) - defense 2015
Institute Project Advisor on setting up “**Data Management**”
Member of **Institutional Council** (until February 2020)
Member of general **Institution IT Advisory Committee** (until 2018)

Member of general **Institution Library Advisory Committee** (until 2018)
Member of University Library Advisory Committee for **Literature Management Software** Member of
Computing Cluster Advising committee (Faculty-wide facility)

January 2012 – December 2012 Statistician (1.0 fte), department of Clinical Epidemiology,
Leiden University Medical Center
project Netherlands Epidemiology of Obesity

Statistical corrections for (selection) bias
Measurement error in clinical cohorts
Multiple imputations on large scale databases
Data management and solutions for efficient extractions
Lecturer Principles in Epidemiology
Lecturer Advanced Epidemiology in Practice
Student and PhD assistance on statistics within the NEO

June 2006 – December 2011 Lecturer (0.2 fte), department of Educational Sciences,
Child- and Family Studies, Leiden University

PC room teacher 'Applied Multivariate Data Analysis' 2007-2011
(4th and 5th year course Faculty of Social and Behavioral Sciences)
Lecturer Principal Component Analysis and Biplots
Teacher SPSS work groups 2006-2009 (1st and 2nd year courses Educational Sciences) Teacher
'Oefenonderzoek' 2006 - 2007 (Interactions in child daycare)
Creating and correcting assignments

June 2006 – December 2011 PhD Candidate (0.8 fte), Institute of Psychology, Methodology and Statistics,
Leiden University

Doctoral Thesis: Advanced Statistical Tools for SNP Arrays (November 13, 2012)
Performing PhD research on models for single SNP chips
(day-to-day) Coordination Research Master course 'Applied Multivariate Data Analysis' Presenting
research (also for international audiences)

September 2004 – June 2006 Teaching Assistant 'Psychometrics and Research Methodology' Leiden
University, Psychology

(1st to 5th year courses)
Teaching practical work
Creating and correcting final assignments
Course evaluation

STUDENTS

PhD as (co)-supervisor

Ongoing	Fenne Bodrij
2021	Suzanne Andeweg <i>Unravelling the effect of household chaos on parenting</i>
2018	Inge Merkelbach <i>Protective teaching mechanisms in case of mild perinatal adversity</i>
2017	Roxanna Camfferman <i>Happy Healthy Homes: The role of parenting in early childhood overweight</i>
2015	Eirini Pappa <i>Genetics and Epigenetics of Children's Behavior Problems</i>
2015	Dafna Windhorst <i>Differential susceptibility to parenting: exploring new approaches</i>

(Research) Master

2019	Sophie Hendrikse <i>1) Data Mining Attachment from NICHD</i> <i>2) Childcare and bidirectional associations between parent-child relationships and peer-child relationships from preschool to adolescence</i>
2017	Mila Roozen <i>Performance evaluation of linear regression, logistic regression and survival analysis for time to event data in social science research</i>

Bachelor (thesis)

2019	Jara Willems <i>Relatie tussen Depressieve Klachten en Fysieke disciplineren bij ouders</i>
2019	Ilse Gerritsma <i>Verband tussen vijandige attributies, kwaliteit van de partnerrelatie en zelfvertrouwen van ouders</i>
2017	Esther Visser <i>Inlevingsvermogen en maternaal gedrag: Direct verband en mediatie</i>
2017	Ilva den Haan <i>De invloed van mentale gezondheid, dopamine en genotype op fysiek contact tussen verzorger en kind</i>
2016	Manisha Ramesar <i>Gevoelens en gedragingen die de zorg voor een baby oproepen</i>

Internship

2019 (-2021)	Sofia Axioti – training in Data Science	- Greece
2019	Mladena Aleksic (Genetics of Relationships)	- Switzerland
2017	Marissa Nivison (Dopamine and Behavior)	- USA
2016	Chisa Nishida (Dopamine and Behavior)	- Japan

SCIENTIFIC WORK (Peer-reviewed)

- Becker, J.M., Holle, H., van Ryckeghem, D.M., Van Damme, S., Crombez, G., Veldhuijzen, D.S., Evers, A.W.M., **Rippe, R.C.A.**, van Laarhoven, A.I.M. (2022). No preconscious attentional bias towards itch in healthy individuals. *PLOS ONE*. *Just accepted*.
- Girch, A., **Rippe, R.C.A.**, Latour, J.M., Jönebratt Stocker, M., Blendermann, M., Hoffmann, K., Heppner, H., Berger, F., Schmitt, K.R.L., Ferentzi, H. (2022). The German EMPATHIC-30 Questionnaire Showed Reliability and Convergent Validity for Use in an Intermediary/General Pediatric Cardiology Unit: A Psychometric Evaluation. *Front Cardiovasc Med.*, 23(9), 901260. doi: 10.3389/fcvm.2022.901260.
- Andeweg, S.M., Bodrij, F.F., Prevoo, M.J.L., **Rippe, R.C.A.**, Alink, L.R.A. (2022). Reducing household chaos as a way to improve parenting quality? An RCT. *Journal of Applied Developmental Psychology*, 80, 101398.
- van Vliet, M. S., Mesman, J., Schultink, J. M., de Vries, J. H. M., Vereijken, C. M. J. L., **Rippe, R. C. A.**, & van der Veek, S. M. C. (2021). Baby's first bites: association between observed maternal feeding behavior and infant vegetable intake and liking. *Appetite*, 105316.
- Bodrij, F.F., Andeweg, S.M., Prevoo, M.J.L., **Rippe, R.C.A.**, Lenneke R.A. Alink, L.R.A.. (2021). The causal effect of household chaos on stress and caregiving: An experimental study. *Comprehensive Psychoneuroendocrinology*, 8, <https://doi.org/10.1016/j.cpnec.2021.100090>.
- Merkelbach, I., Plak, R.D., Sikkema-de Jong, M.T., **Rippe, R.C.A.** (2022). Differential efficacy of a digital numeracy program in kindergarten. *Frontiers in Pediatrics*, 7:709809. DOI: <https://doi.org/10.3389/feduc.2022.709809>
- Rippe, R.C.A.** & Merkelbach, I. (2021). Planned missing data in early literacy interventions: A replication study with an additional gold standard. *PLOS ONE*. PloS one 16 (3), e0249175
- Ferentzi, H., **Rippe, R.C.A.**, Latour, J. M., Schubert, S., Girch, A., Jönebratt Stocker, M., ... & Schmitt, K. R. (2021). Family-centered care at pediatric cardiac intensive care units in Germany and the relationship with parent and infant well-being: a study protocol. *Frontiers in Pediatrics*, 794.
- Andeweg, S. M., Bodrij, F. F., Prevoo, M. J., **Rippe, R. C.**, & Alink, L. R. (2020). Does sensory-processing sensitivity moderate the effect of household chaos on caregiver sensitivity? An experimental design. *Journal of Family Psychology*. <https://doi.org/10.1037/fam0000766>
- Wei, X. B., Wei, W., Ding, L. L., Liu, S. Y., Genade, L. P., Webb, E. M., **Rippe, R.C.A.**... & Eek, F. (2021). Utilizing continuous glucose monitoring in primary care practice: What the numbers mean 199 SV Edelman, TS Cavaola, S. Boeder and J. Pettus Comparison of the effects of 10 GLP-1 RA and SGLT2 inhibitor interventions on cardiovascular, mortality, and kidney outcomes in type 2 diabetes: A network meta-analysis of large randomized trials. *Primary Care Diabetes*, 15(2).
- van der Asdonk, S., de Haan, W. D., van Berkel, S. R., van IJzendoorn, M. H., **Rippe, R. C.**, Schuengel, C., ... & Alink, L. R. (2020). Effectiveness of an attachment-based intervention for the assessment of parenting capacities in maltreating families: A randomized controlled trial. *Infant mental health journal*, 41(6), 821-835.
- de Boer, A. W., Blom, J. W., de Waal, M. W. M., **Rippe, R. C. A.**, de Koning, E. J. P., Jazet, I. M., ... & de Mutsert, R. (2021). Coded diagnoses from general practice electronic health records are a feasible and valid alternative to self-report to define diabetes cases in research. *Primary care diabetes*, 15(2), 234-239.
- Thakkar, N., van Geel, M., Malda, M., **Rippe, R. C.**, & Vedder, P. (2020). Bullying and psychopathic traits: A longitudinal study with adolescents in India. *Psychology of violence*, 10(2), 223.
- Thakkar, N., van Geel, M., Malda, M., **Rippe, R. C.**, & Vedder, P. (2020). Body mass index and peer victimization: A transactional model. *Aggressive behavior*.

- Toscano, C., Soares, I., Baptista, J., Moutinho, V., **Rippe, R. C.**, & Mesman, J. (2021). Maternal and paternal overprotection of children born preterm: Relations to child and parental factors. *Journal of Family Psychology*.
- Smits, R. M., Veldhuijzen, D. S., Olde Hartman, T., Peerdeman, K. J., Van Vliet, L. M., Van Middendorp, H., **Rippe, R. C.A.** ... & Evers, A. W. (2021). Explaining placebo effects in an online survey study: Does 'Pavlov'ring a bell?. *PloS one*, 16(3), e0247103.
- Hoefnagel, L., Espin, C. A., & **Rippe, R.** (2020). CBM Language Measures as Indicators of Foreign-Language Learning: Technical Adequacy of Scores for Secondary-School Students. *International Journal for Research in Learning Disabilities*, to appear.
- Espin, C. A., van den Bosch, R. M., van der Liende, M., **Rippe, R. C.**, Beutick, M., Langa, A., & Mol, S. E. (2021). A Systematic Review of CBM Professional Development Materials: Are Teachers Receiving Sufficient Instruction in Data-Based Decision-Making?. *Journal of Learning Disabilities*, 0022219421997103.
- Van der Asdonk, S., de Haan, W. D., van Berkel, S. R., van IJzendoorn, M. H., **Rippe, R. C. A.**, Schuengel, C., Kuiper, C., Lindauer, R. J. L., Overbeek, M., & Alink, L. R. A. (2020). Effectiveness of an attachment-based intervention for the assessment of parenting capacities in maltreating families: A randomized controlled trial. *Infant Mental Health Journal*, 1-15. doi:10.1002/imhj.21874
- Huffmeijer, R., Barak-Levy, Y., & **Rippe, R. C.** (2020). Attractiveness and neural processing of infant faces: effects of a facial abnormality but not dopamine. *Physiology & Behavior*, 112937.
- Schoemaker, N. K., Juffer, F., **Rippe, R. C.**, Vermeer, H. J., Stoltenborgh, M., Jagersma, G. J., ... & Alink, L. R. (2020). Positive parenting in foster care: Testing the effectiveness of a video-feedback intervention program on foster parents' behavior and attitudes. *Children and Youth Services Review*, 104779.
- Vossen, T.E., Henze, I., **Rippe, R. C. A.** et al. (2019). Attitudes of Secondary School STEM Teachers towards Supervising Research and Design Activities. *Research in Science Education*, 1-21.
- Camfferman, R., Van der Veek, S. M. C., **Rippe, R. C. A.**, & Mesman, J. (2019). Maternal Feeding Practices, Health Cognitions, and Children's Eating Styles and Weight Status. *Journal of Developmental & Behavioral Pediatrics*, 40(2), 122-130.
- de Hei, M., Tabacaru, C., Sjoer, E., **Rippe, R.**, & Walenkamp, J. (2020). Developing intercultural competence through collaborative learning in international higher education. *Journal of Studies in International Education*, 24(2), 190-211.
- van Ginkel, J. R., Linting, M., **Rippe, R. C. A.**, & van der Voort, A. (2019). Rebutting Existing Misconceptions About Multiple Imputation as a Method for Handling Missing Data. *Journal of personality assessment*, 1-12.
- Merkelbach, I., Plak, R.D. & **Rippe, R. C. A.** (2018). Reproducibility of Young Learners' Susceptibility to the Learning Context. *Learning and Individual Differences*, 65, 167-175.
- Vossen, T.E., Henze, I., **Rippe, R. C. A.**, Van Driel, J.H. & De Vries, M.J. (2018). Attitudes of secondary school students towards doing research and design activities. *International Journal of Science Education*, 1-24.
- Peerdeman, K. J., Tekampe, J., Laarhoven, A. I. M., Middendorp, H., **Rippe, R. C. A.**, Peters, M. L., & Evers, A. W. M. (2018). Expectations about the effectiveness of pain-and itch-relieving medication administered via different routes. *European Journal of Pain*, 22(4), 774-783.
- Huffmeijer, R., Eilander, J., Mileva-Seitz, V. R., & **Rippe, R. C. A.** (2017). Changes in Face-Specific Neural Processing Explain Reduced Cuteness and Approachability of Infants with Cleft Lip. *Social Neuroscience*, 1-12.
- Camfferman, R., van der Veek, S.M.C., **Rippe, R. C. A.**, Mesman, J. (2017). Maternal health cognitions in relation to

feeding practices and children's eating styles and children's weight status. *Journal of Developmental and Behavioral Pediatrics*, (just-accepted).

Camfferman, R., van der Veek, S.M.C., **Rippe, R. C. A.**, Mesman, J. (2017). Eating styles and adiposity in 4-6 year-olds: Do maternal feeding practices and health cognitions matter? *Acta Paediatrica*. (Vol. 106, pp. 38-38). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY-BLACKWELL.

Windhorst, D. A., **Rippe, R. C.A.**, Mileva-Seitz, V. R., Verhulst, F. C., Jaddoe, V. W., Noppe, G., ... & Bakermans-Kranenburg, M. J. (2017). Mild perinatal adversities moderate the association between maternal harsh parenting and hair cortisol: Evidence for differential susceptibility. *Developmental psychobiology*, 59(3), 324-337.

Rippe, R. C. A., Noppe, G., Windhorst, D. A., Tiemeier, H., van Rossum, E. F., Jaddoe, V. W., ... & van den Akker, E. L. (2016). Splitting hair for cortisol? Associations of socio-economic status, ethnicity, hair color, gender and other child characteristics with hair cortisol and cortisone. *Psychoneuroendocrinology*, 66, 56-64.

Windhorst, D. A., Mileva-Seitz, V. R., **Rippe, R. C. A.**, Tiemeier, H., Jaddoe, V. W., Verhulst, F. C., ... & Bakermans-Kranenburg, M. J. (2016). Beyond main effects of gene-sets: harsh parenting moderates the association between a dopamine gene-set and child externalizing behavior. *Brain and Behavior*, 6(8).

Camfferman, R., Jansen, P. W., **Rippe, R. C. A.**, Mesman, J., Derks, I. P., Tiemeier, H., ... & van der Veek, S. M. (2016). The association between overweight and internalizing and externalizing behavior in early childhood. *Social Science & Medicine*, 168, 35-42.

Pappa, I., Fedko, I. O., Mileva-Seitz, V. R., Hottenga, J. J., Bakermans-Kranenburg, M. J., Bartels, M., **Rippe, R.C.A.**, ... & Boomsma, D. I. (2015). Single nucleotide polymorphism heritability of behavior problems in childhood: genome-wide complex trait analysis. *Journal of the American Academy of Child & Adolescent Psychiatry*, 54(9), 737-744.

Rijlaarsdam, J., Pappa, I., Walton, E., Bakermans-Kranenburg, M. J., Mileva-Seitz, V. R., **Rippe, R. C. A.**, ... & Cecil, C. A. (2016). An epigenome-wide association meta-analysis of prenatal maternal stress in neonates: A model approach for replication. *Epigenetics*, 1-10.

Rippe, R. C. A., Meulman, J.J. & Eilers, P.H.C. (2012). Reliable single chip genotyping with semi-parametric log-concave mixtures. *PLoS ONE*, 7(10): e46267.

Rippe, R. C. A., Meulman, J.J. & Eilers, P.H.C. (2012). Visualization of genomic changes by segmented smoothing using an L_0 penalty. *PLoS ONE*, 7(6): e38230.

Rippe, R. C. A., Meulman, J.J. & Eilers, P.H.C. (2012). Statistical models for signal calibration in SNP arrays. *Journal of Chemometrics*, 26, 191-196.

Pappa, I., Fedko, I. O., Mileva-Seitz, V. R., Hottenga, J. J., Bakermans-Kranenburg, M. J., Bartels, M., **Rippe, R. C. A.**, ... & Boomsma, D. I. (2015). Single nucleotide polymorphism heritability of behavior problems in childhood: genome-wide complex trait analysis. *Journal of the American Academy of Child & Adolescent Psychiatry*, 54(9), 737-744.

Gast, K.B., Smit, J.W.A., den Heijer, M., Middeldorp, S., **Rippe, R. C. A.**, le Cessie, S., de Koning, E.J.P., Jukema, J.W., Rabelink, T.J., de Roos, A., Rosendaal, F.R., de Mutsert, R. for the NEO study group. Abdominal adiposity largely explains associations between insulin resistance, hyperglycemia and sub-clinical atherosclerosis: the NEO study. *Atherosclerosis*, 229(2), 423-429.

Rippe, R. C. A., Heijer, M. den, Cessie, S. le. (2013). Rekenen met ontbrekende gegevens. *Nederlands Tijdschrift voor Geneeskunde*, 157, A5539.

- Rippe, R. C. A.** (2012). Advanced Statistical Tools for SNP Arrays: Signal Calibration, Single Chip Geno-typing and Copy Number Estimation. Doctoral Thesis. Leiden University.
- Rippe, R. C. A.,** Meulman, J.J. & Eilers, P.H.C. (2012). Reliable single chip genotyping with semi-parametric log-concave mixtures. PLoS ONE, 7(10): e46267. doi:10.1371/journal.pone.0046267.
- Rippe, R. C. A.,** Meulman, J.J. & Eilers, P.H.C. (2012). Visualization of genomic changes by segmented smoothing using an L_0 penalty. PLoS ONE, 7(6): e38230. doi:10.1371/journal.pone.0038230.
- Rippe, R. C. A.,** Meulman, J.J. & Eilers, P.H.C. (2012). Statistical models for signal calibration in SNP arrays. Journal of Chemometrics, 26: 191–196. doi:10.1002/cem.2436.
- Rippe, R. C. A.,** and Eilers, P.H.C. (2011). Segmented smoothing with an L_0 penalty. Proceedings of the 26th International Workshop on Statistical Modelling (Ed. C. Armero).
- Rippe, R. C. A.,** and Eilers, P.H.C. (2010). Efficient semi-parametric genotyping of SNP arrays. Proceedings of the 25th International Workshop on Statistical Modelling (Ed. A. Bowman).
- Rippe, R. C. A.,** Eilers, P.H.C., French, P.J., and Meulman, J.J. (2009). Improving SNP genotyping by model-based calibration. Proceedings of the 24th International Workshop on Statistical Modelling (Ed. J. G. Booth).
- Rippe, R. C. A.,** Eilers, P.H.C., and Meulman, J.J. (2008). Models for Fluorescence Signals on SNP Arrays. Proceedings of the 23rd International Workshop on Statistical Modelling (Ed. P.H.C. Eilers).

BOARDS AND COMMITTEES

September – December 2022	<i>chair</i> Master Thesis Award committee 2022 in Faculty of Soc. & Behav. Sci.
August 2022– present	(review) editor Frontiers in Developmental Psychology
June 2022 – present	Academic editor PLOS ONE
September 2022 – January 2023	<i>chair</i> of Faculty Thesis prize, Faculty of Social and Behavioral Sciences, Leiden University
September 2019 – 2022	<i>chair</i> of Faculty committee on “Innovations in teaching Research Methods and Statistics” (involving all Faculty Institutes)
June 2019 – present	executive director of Faculty Master Thesis Lab
February 2018 – present	<i>chair</i> of Research Methodology and Statistics group
February 2018 – present	member of Institute Management Team
February 2017 – June 2018	Advising member of Leiden University Research IT Strategy group
September 2015 – present	Member - Advisory Council at the Institute of Education and Child Studies
February 2013 – April 2018	Member - Committee on Information and Communication Technology Institute of Education and Child Studies Advising on data management implementation Advising on new Computing Cluster
October 2013 – March 2014	Member - Advisory Committee on Bibliography Managers Leiden University
February 2013 – April 2018	Member - Institutional Library Committee Institute of Education and Child Studies
May 2011 – May 2017	Board member - VOC (www.voc.ac) (Vereniging voor Ordinatie en Classificatie) Book review editor Webmaster (as of November 2013)
January 2008 – December 2009	IOPS PhD Representative
October 2006 – November 2008	Member of the jury for Faculty Thesis Prize in Social Science 2006, 2007, 2008, Leiden University
September 2006 – October 2006	Alumni-rep. Methods & Statistics ‘Onderwijs Visitatie’ 2006 Student rep. Master Methods & Statistics ‘Onderwijs Visitatie’ 2006
September 2005 – Sept. 2006	Student-member Master Education-committee

REVIEWS FOR

Bioinformatics
 BMC Bioinformatics
 PLOS ONE / Genetics
 Journal of Research in Personality
 Child Development
 JAMA Pediatrics
 Appetite
 Development and Psychopathology
 International Journal of Clinical Biostatistics and Biometrics
 NWO (Dutch National Funding Agency - VENI rounds)
 Psychoneuroendocrinology
 Frontiers in Psychology / Education / Pediatrics

VOLUNTEERING

Advisor - Foundation for Leiden Alumni Research (2017 – present)

This Foundation aims to research patterns in Leiden 50-year back alumni cohorts through annually repeated questionnaires.

Board member - St. Salvatorhof (December 2015 – July 2019)

This Foundation manages rental apartments in Leiden.

Board member - St. Jacobshof (June 2015 – July 2019)

This Foundation holds responsibility for new care housing adjacent to Zorgcentrum Roomburgh in Leiden, for 40 elderly, representing a total value of 7.100.000 euro. Building finished in July 2016. This Foundation also manages cultural heritage housing (St. Jacobshof) in Leiden, The Netherlands.

Chair - VvE Agora (April 2014 – May 2016)

Final responsibility for all matters involved for 104 owned apartments

Managing all issues (legal and personal) concerning daily matters

Managing long-term budget for maintenance, payables etc (30 year planning, budget 400.000 euro)

Chairing Annual Members Meeting: during office voting representation increased from 28% in 2013 (before assuming office) to 73% at the time I left office in May 2016.

Managing board members, committees and external contractors

Formal communication with City Council, local police officer