

# Caspar J. van Lissa, PhD

Vidi-funded associate professor of social data science (with *ius promovendi*), Tilburg Young Academy board member, Open Science Community Tilburg chair, associate editor of Research Synthesis Methods.

This is an automatic summary of my interactive online resume at  
<https://cjvanlissa.github.io/resume>

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## Experience

| Employer                      | Department                             | Position                     | Begin    | End        |
|-------------------------------|--|------------------------------|----------|------------|
| Tilburg University            | Methodology & Statistics               | Associate professor          | Sep 2022 | indefinite |
| Utrecht University            | Methodology & Statistics               | Assistant professor          | May 2017 | Sep 2022   |
| Erasmus University, Rotterdam | Family Sociology                       | Post-doctoral researcher     | Sep 2015 | Oct 2017   |
| Utrecht University            | Research Centre Adolescent Development | PhD candidate                | Sep 2011 | Sep 2015   |
| VU University, Amsterdam      | Psychology and Education Science       | Teacher                      | Sep 2010 | Feb 2011   |
| VU University, Amsterdam      | Social Psychology                      | Bachelor's thesis supervisor | Feb 2009 | Jul 2009   |
| VU University, Amsterdam      | Psychology and Education Science       | Teacher                      | Oct 2008 | May 2009   |
| VU University, Amsterdam      | Communication science                  | Research assistant           | Jul 2008 | Aug 2008   |
| Utrecht University            | Centre for Biostatistics               | Teacher                      | Nov 2006 | Jan 2007   |

## Education

| Institute                  | Field                                  | Degree        | Date                |
|----------------------------|--|---------------|---------------------|
| Utrecht University         | Research Centre Adolescent Development | PhD           | Jan 2011 - Feb 2016 |
| VU University, Amsterdam   | Social Psychology                      | MSc cum laude | Sep 2007 - Aug 2010 |
| University College Utrecht | Liberal arts & sciences                | BA            | Sep 2004 - Jun 2007 |

## Publications

According to [Google Scholar](#), my work has been cited 6963 times (G-index: 83, H-index: 38, i10-index: 61).

| Authors   | Year     | Title   | Publication  | Cited |
|---|----------|---|--|-------|
| Waaijers, M.,<br>Rosenbusch, H., Van<br>Lissa, C. J., Roefs, A.,<br>& Borsboom, D.        | in press | theoraizer: AI-assisted Theory Construction   | OSF  | 0     |
| Altinisik, Y., Hessels,<br>R. S., Van Lissa, C. J.,<br>Kuiper, R. M.                      | 2025     | An AIC-type information criterion evaluating<br>theory-based hypotheses for contingency<br>tables   | Behavior Research<br>Methods                                     | 0     |
| Werner, M. A., et al.   | 2025     | Profiles of testosterone and pre-androgens and<br>sexual function in premenopausal women  | The Journal of Sexual<br>Medicine, qdae                          | 0     |
| Wollast, R., et al.   | 2025     | Gender inequality and cultural values in<br>explaining gender differences in positive and<br>negative emotions: A comparison of 24<br>countries during the COV... | Current Psychology   | 0     |
| Lo, D. F., et al.   | 2024     | A theory-informed emotion regulation<br>variability index: Bray–Curtis dissimilarity.   | Emotion  | 8     |
| Dora, J., McCabe, C.<br>J., Van Lissa, C. J.,<br>Witkiewitz, K., King,<br>K. M.           | 2024     | A tutorial on analyzing ecological momentary<br>assessment data in psychological research with<br>Bayesian (generalized) mixed-effects models                     | Advances in methods<br>and practices in<br>psychological science | 7     |
| Heesbeen, E. J., et al.   | 2024     | The effect of SSRIs on unconditioned anxiety:<br>a systematic review and meta-analysis of<br>animal studies   | Psychopharmacology   | 3     |
| van Leeuwen, F., Van<br>Lissa, C. J.,<br>Papakonstantinou, T.,<br>Petersen, M. B., et al. | 2024     | Morality as cooperation, politics as conflict   | Social Psychological<br>Bulletin                                 | 2     |
| Norouzi, R., Kleinberg,<br>B., Vermunt, J., Van<br>Lissa, C. J.                           | 2024     | Capturing Causal Claims: A Fine Tuned Text<br>Mining Model for Extracting Causal<br>Sentences from Social Science Papers  | OSF  | 1     |
| Abakoumkin, G., et al.  | 2024     | Conceptual replication and extension of health<br>behavior theories' predictions in the context of<br>COVID-19: Evidence across countries and<br>over time        | Social and personality<br>psychology compass                     | 1     |
| Plas, X., et al.  | 2024     | Long-term trajectories of depressive symptoms<br>in deployed military personnel: A 10-year<br>prospective study   | Journal of Affective<br>Disorders                                | 1     |
| Van Lissa, C. J.,<br>Clapper, E. B., &<br>Kuiper, R.                                      | 2024     | A tutorial on aggregating evidence from<br>conceptual replication studies using the<br>product Bayes factor   | Research Synthesis<br>Methods                                    | 0     |
| Sibbald, L., et al.   | 2024     | Identifying Predictive Risk Factors of<br>Postpartum Depression: A Machine Learning<br>Approach   | OSF  | 0     |
| Dujols, O., Klein, R.<br>A., Lindenberg, S.,<br>Lissa, C. J. V., &<br>IJzerman, H.        | 2024     | Test-Retest Reliability of the STRAQ-1: A<br>Registered Report  | Collabra: Psychology   | 0     |

(continued)

| Authors  | Year | Title  | Publication                                  | Cited |
|--|------|--|--|-------|
| Han, Q., et al.  | 2023 | Trust in government regarding COVID-19 and its associations with preventive health behaviour and prosocial behaviour during the pandemic: a cross-sec. . . | Psychological medicine                       | 476   |
| Hoogeveen, S., et al.  | 2023 | A many-analysts approach to the relation between religiosity and well-being  | Religion, Brain & Behavior                   | 93    |
| Van Lissa, C. J., Garnier-Villarreal, M., & Anadria, D.                  | 2023 | Recommended Practices in Latent Class Analysis Using the Open-Source R-Package tidySEM   | Structural Equation Modeling                 | 22    |
| Lemay Jr, E. P., et al.  | 2023 | The role of values in coping with health and economic threats of COVID-19  | The Journal of Social Psychology             | 21    |
| Kwee, C. M. B., et al.   | 2023 | Anxiolytic effects of endocannabinoid enhancing compounds: A systematic review and meta-analysis   | European Neuropsychopharmacology             | 17    |
| Westgate, E. C., et al.  | 2023 | Pandemic boredom: Little evidence that lockdown-related boredom affects risky public health behaviors across 116 countries.                                | Emotion                                      | 16    |
| Heesbeen, E. J., et al.  | 2023 | The effect of SSRIs on fear learning: a systematic review and meta-analysis  | Psychopharmacology                           | 15    |
| Van Lissa, C. J., van Erp, S., Clapper, E. B.                            | 2023 | Selecting relevant moderators with Bayesian regularized meta-regression  | Research Synthesis Methods                   | 13    |
| Reitsema, A. M., et al.  | 2023 | Age differences in hedonic adaptation to societal restrictions? Positive and negative affect trajectories during the first wave of the COVID-19 pande. . . | Emotion                                      | 12    |
| Van Lissa, C. J.   | 2023 | Complementing preregistered confirmatory analyses with rigorous, reproducible exploration using machine learning   | Religion, Brain & Behavior                   | 11    |
| Douglas, K. M., et al.   | 2023 | Identifying important individual-and country-level predictors of conspiracy theorizing: A machine learning analysis  | European journal of social psychology        | 9     |
| Vrolijk, P., Van Lissa, C. J., Branje, S., & Keizer, R.                  | 2023 | Longitudinal linkages between parent-child discrepancies in reports on parental autonomy support and informants' depressive symptoms                       | Journal of Youth and Adolescence             | 9     |
| Vrolijk, P., Van Lissa, C. J., Branje, S., Meeus, W. H. J., & Keizer, R. | 2023 | Within-family linkages between parental monitoring and adolescents externalizing problems with autonomy support as a moderator                             | Journal of Research on Adolescence           | 8     |
| Han, Q., et al.  | 2023 | Impact of national pandemic lockdowns on perceived threat of immigrants: A natural quasi-experiment across 23 countries                                    | Social Psychological and Personality Science | 7     |
| Van Lissa, C. J., Beinhauer, L., Branje, S., Meeus, W. H. J.             | 2023 | Using machine learning to identify early predictors of adolescent emotion regulation development   | Journal of Research on Adolescence           | 7     |
| Wang, Y., Hawk, S. T., Branje, S., Van Lissa, C. J.                      | 2023 | Longitudinal links between expressive flexibility and friendship quality in adolescence: The moderating effect of social anxiety                           | Journal of Adolescence                       | 5     |
| Van Lissa, C. J., et al.   | 2023 | Towards a Vision for Team Science at Tilburg University  | *Internal Document*                          | 0     |

(continued)

| Authors  | Year | Title  | Publication  | Cited |
|--|------|--|--|-------|
| Hoijtink, H., et al.   | 2023 | The Open Empirical Cycle for Hypothesis Evaluation in Psychology   | OSF  | 0     |
| Van Lissa, C. J.,<br>Kuiper, R. M.,<br>Clapper, E. B.            | 2023 | Aggregating evidence from conceptual replication studies using the product Bayes factor  | OSF  | 0     |
| Heesbeen, E., et al.   | 2023 | The effect of selective serotonin reuptake inhibitors on unconditioned anxiety—a systematic review and meta-analysis of animal studies                     | Neuroscience Applied                                 | 0     |
| Endedijk, H. M., et al.  | 2022 | The teacher’s invisible hand: A meta-analysis of the relevance of teacher–student relationship quality for peer relationships and the contribution of. . . | Review of Educational Research                       | 117   |
| Enea, V., et al.   | 2022 | Intentions to be Vaccinated Against COVID-19: The Role of Prosociality and Conspiracy Beliefs across 20 Countries  | Health Communication                                 | 51    |
| Schumpe, P. C. C.,<br>Van Lissa, C. J. (joint<br>1st), et al.    | 2022 | Predictors of Adherence to Public Health Behaviors for Fighting COVID-19 Derived from Longitudinal Data  | Scientific Reports                                   | 48    |
| Spadaro, G., et al.  | 2022 | Cross-cultural variation in cooperation: A meta-analysis.  | Journal of Personality and Social Psychology         | 39    |
| Van Lissa, C. J., et al.   | 2022 | Using machine learning to identify important predictors of COVID-19 infection prevention behaviors during the early phase of the pandemic                  | Patterns   | 36    |
| Mula, S., et al.   | 2022 | Concern with COVID-19 pandemic threat and attitudes towards immigrants: The mediating effect of the desire for tightness                                   | Current Research in Ecological and Social Psychology | 26    |
| Keng, S. L., et al.  | 2022 | COVID-19 stressors and health behaviors: A multilevel longitudinal study across 86 countries   | Preventive medicine reports                          | 23    |
| Van Lissa, C. J.   | 2022 | Developmental Data Science: How Machine Learning can Advance Theory Formation in Developmental Psychology  | Infant and Child Development                         | 22    |
| Resta, E., et al.  | 2022 | ‘We are all in the same boat’: How societal discontent affects intention to help during the COVID-19 pandemic  | Journal of community & applied social psychology     | 18    |
| Alkema, L. M., Van<br>Lissa, C. J., Kooi, M.,<br>Koelmans, A. A. | 2022 | Maximizing realism: mapping plastic particles at the ocean surface using mixtures of normal distributions  | Environmental Science & Technology                   | 13    |
| Castells, X., et al.   | 2022 | Placebo response and its predictors in Attention Deficit Hyperactivity Disorder: a meta-analysis and comparison of meta-regression and MetaForest          | International Journal of Neuropsychopharmacology     | 13    |
| Lucas, T., et al.  | 2022 | Justice beliefs and cultural values predict support for COVID-19 vaccination and quarantine behavioral mandates: a multilevel cross-national study         | Translational behavioral medicine                    | 10    |

(continued)

| Authors  | Year | Title   | Publication                            | Cited |
|--|------|---|--|-------|
| Maene, C., D'hondt, F., Van Lissa, C. J., Thijs, J., Stevens, P. A. J.                 | 2022 | Perceived teacher discrimination and depressive feelings in adolescents: the role of national, regional, and heritage identities in flemish schools   | Journal of youth and adolescence       | 9     |
| Vrolijk, P., Van Lissa, C. J., Branje, S., Meeus, W. H. J., & Keizer, R.               | 2022 | Parent-child personality similarity and differential autonomy support toward siblings.  | Journal of Family Psychology           | 9     |
| Gromatsky, M., et al.  | 2022 | Characteristics of suicide attempts associated with lethality and method: A latent class analysis of the Military Suicide Research Consortium         | Journal of psychiatric research        | 9     |
| Heesbeen, E., et al.   | 2022 | The effect of selective serotonin reuptake inhibitors on fear learning: a systematic review and meta-analysis   | Neuroscience Applied                   | 0     |
| Han, Q., et al.  | 2021 | Associations of risk perception of COVID-19 with emotion and mental health during the pandemic  | Journal of affective disorders         | 199   |
| Stroebe, W., et al.  | 2021 | Politicization of COVID-19 health-protective behaviors in the United States: Longitudinal and cross-national evidence                                 | PloS one                               | 112   |
| Romano, A., et al.   | 2021 | Cooperation and trust across societies during the COVID-19 pandemic   | Journal of Cross-Cultural Psychology   | 85    |
| Heck, D. W., et al.  | 2021 | A review of applications of the Bayes factor in psychological research  | Psychological Methods                  | 84    |
| Jin, S., et al.  | 2021 | Intergenerational conflicts of interest and prosocial behavior during the COVID-19 pandemic   | Personality and Individual Differences | 82    |
| Mulder, J., et al.   | 2021 | BFpack: Flexible Bayes Factor Testing of Scientific Theories in R   | Journal of Statistical Software        | 60    |
| Nisa, C. F., et al.  | 2021 | Lives versus Livelihoods? Perceived economic risk has a stronger association with support for COVID-19 preventive measures than perceived health risk | Scientific reports                     | 48    |
| van Mulukom, V., Muzzulini, B., Rutjens, B. T., Van Lissa, C. J., & Farias, M.         | 2021 | The Psychological Impact of Lockdown During the COVID-19 Pandemic: Exacerbating Factors and Mitigating Actions  | Translational Behavioral Medicine      | 47    |
| Van der Storm, L., Van Lissa, C. J., Lucassen, N., Helmerhorst, K. O. W., & Keizer, R. | 2021 | Maternal and Paternal Parenting and Child Prosocial Behavior: A Meta-Analysis Using a Structural Equation Modeling Design                             | Marriage & Family Review               | 41    |
| Roberts, H., Van Lissa, C., & Helbich, M.  | 2021 | Perceived neighbourhood characteristics and depressive symptoms: potential mediators and the moderating role of employment status                     | Social Science & Medicine              | 29    |
| Peikert, A., Van Lissa, C. J., Brandmaier, A. M.                                       | 2021 | Reproducible research in R: A tutorial on how to do the same thing more than once   | Psych                                  | 21    |

(continued)

| Authors   | Year | Title  | Publication  | Cited |
|---|------|--|--|-------|
| Altinisik, Y., Van Lissa, C. J., Hoijsink, H., Oldehinkel, A. J., Kuiper, R. M. | 2021 | Evaluation of inequality constrained hypotheses using a generalization of the AIC.   | Psychological Methods  | 17    |
| Van Lissa, C. J.  | 2021 | Mapping Phenomena Relevant to Adolescent Emotion Regulation: A Text-Mining Systematic Review   | Adolescent Research Review   | 14    |
| Du, E., et al.  | 2020 | Global patterns of terrestrial nitrogen and phosphorus limitation  | Nature Geoscience  | 956   |
| Keizer, R., Van Lissa, C. J., Tiemeier, H., & Lucassen, N.                      | 2020 | The influence of fathers and mothers equally sharing childcare responsibilities on children's cognitive development from early childhood to school ag. . . | European Sociological Review   | 62    |
| Van Lissa, C. J.  | 2020 | Small sample meta-analyses: Exploring heterogeneity using MetaForest   | Small Sample Size Solutions (Open Access): A Guide for Applied Researchers . . . | 60    |
| Vrolijk, P., Van Lissa, C. J., Branje, S. J. T., Meeus, W. H. J., & Keizer, R.  | 2020 | Longitudinal linkages between father and mother autonomy support and adolescent problem behaviors: Between-family differences and within-family effec. . . | Journal of youth and adolescence   | 58    |
| Van Lissa, C. J., et al.  | 2020 | WORCS: A Workflow for Open Reproducible Code in Science  | Data Science   | 48    |
| Van Lissa, C. J., & Keizer, R.  | 2020 | Mothers' and fathers' quantitative and qualitative parenting in relation to children's emotional adjustment: A between-and within-family investigatio. . . | Developmental Psychology   | 45    |
| Van Lissa, C. J., et al.  | 2020 | Teacher's Corner: Evaluating Informative Hypotheses Using the Bayes Factor in Structural Equation Models   | Structural Equation Modeling   | 39    |
| van Breen, J., et al.   | 2020 | Lockdown Lives: A longitudinal study of inter-relationships amongst feelings of loneliness, social contacts and solidarity during the COVID-19 lockdo. . . | Personality and Social Psychology Bulletin                                       | 33    |
| Mastrotheodoros, S., Van Lissa, C. J., Van der Graaff, J., Deković, M., et al.  | 2020 | Day-to-day spillover and long-term transmission of interparental conflict to adolescent-mother conflict: The role of mood.                                 | Journal of Family psychology   | 31    |
| Leander, N. P., et al.  | 2020 | Towards a globally collaborative behavioral science: An organizational approach from pandemic psychology   | ISSBD Bulletin: Supplement to International Journal of Behavioral . . .          | 5     |
| Terrer, C., et al.  | 2019 | Nitrogen and phosphorus constrain the CO2 fertilization of global plant biomass  | Nature Climate Change  | 415   |
| Curry, O. S., Chesters, M. J., Van Lissa, C. J.                                 | 2019 | Mapping morality with a compass: Testing the theory of 'morality-as-cooperation' with a new questionnaire  | Journal of Research in Personality   | 329   |

(continued)

| Authors  | Year | Title  | Publication  | Cited |
|--|------|--|--|-------|
| Van Lissa, C. J., Keizer, R., Van Lier, P. A. C., Meeus, W. H. J., & Branje, S.    | 2019 | The role of fathers' versus mothers' parenting in emotion-regulation development from mid-late adolescence: Disentangling between-family differences ... | Developmental psychology   | 259   |
| Hojtink, H., Mulder, J., Van Lissa, C., & Gu, X.                                   | 2019 | A tutorial on testing hypotheses using the Bayes factor.   | Psychological methods  | 233   |
| Hawk, S. T., van den Eijnden, R. J. J. M., Van Lissa, C. J., ter Bogt, T. F. M.    | 2019 | Narcissistic adolescents' attention-seeking following social rejection: Links with social media disclosure, problematic social media use, and smartph... | Computers in Human Behavior  | 211   |
| Roberts, H., Van Lissa, C., Hagedoorn, P., Kellar, I., & Helbich, M.               | 2019 | The effect of short-term exposure to the natural environment on depressive mood: A systematic review and meta-analysis                                   | Environmental research   | 119   |
| Bonapersona, V., et al.  | 2019 | The behavioral phenotype of early life adversity: A 3-level meta-analysis of rodent studies  | Neuroscience & Biobehavioral Reviews   | 90    |
| Gu, X., Hoijtink, H., Mulder, J., Van Lissa, C. J.                                 | 2019 | bain: Bayes factors for informative hypotheses   | R-Package available from <a href="https://CRAN.R-project.org/package=bain">https://CRAN.R-project.org/package=bain</a> | 35    |
| Hojtink, H., Mulder, J., Van Lissa, C., & Gu, X.                                   | 2019 | A tutorial on testing  | in Psychological Methods   | 0     |
| Curry, O. S., et al.   | 2018 | Happy to help? A systematic review and meta-analysis of the effects of performing acts of kindness on the well-being of the actor                        | Journal of Experimental Social Psychology  | 640   |
| Rosenberg, J. M., Beymer, P. N., Anderson, D. J., Van Lissa, C. J., Schmidt, J. A. | 2018 | tidyLPA: An R Package to Easily Carry Out Latent Profile Analysis (LPA) Using Open-Source or Commercial Software.  | J. Open Source Software  | 609   |
| Van Lissa, C. J., Caracciolo, M., van Duuren, T., & van Leuven, B.                 | 2018 | Difficult Empathy-The Effect of Narrative Perspective on Readers' Engagement with a First-Person Narrator  | Diegesis   | 116   |
| Sivan, J., Curry, O. S., Van Lissa, C. J.  | 2018 | Excavating the foundations: cognitive adaptations for multiple moral domains   | Evolutionary Psychological Science   | 3     |
| Van Lissa, C. J., Hawk, S. T., Meeus, W. H. J.                                     | 2017 | The effects of affective and cognitive empathy on adolescents' behavior and outcomes in conflicts with mothers   | Journal of experimental child psychology   | 90    |
| Van Lissa, C. J., Hawk, S. T., Koot, H. M., Branje, S., Meeus, W. H. J.            | 2017 | The cost of empathy: Parent-adolescent conflict predicts emotion dysregulation for highly empathic youth.  | Developmental psychology   | 72    |
| Van Lissa, C. J.   | 2017 | MetaForest: Exploring heterogeneity in meta-analysis using random forests  | OSF  | 56    |
| Van Lissa, C. J.   | 2017 | Package 'metaforest'   | CRAN   | 6     |

(continued)

| Authors   | Year | Title   | Publication                      | Cited |
|---|------|---|----------------------------------|-------|
| Van Lissa, C. J., Hawk, S. T., Branje, S., Koot, H. M., Meeus, W. H. J. | 2016 | Common and unique associations of adolescents' affective and cognitive empathy development with conflict behavior towards parents | Journal of Adolescence           | 94    |
| Van Lissa, C. J.  | 2016 | Exercising empathy: The role of adolescents' developing empathy in conflicts with parents   | Utrecht University               | 1     |
| Van Lissa, C. J., et al.  | 2016 | De ontwikkelingsvolgorde van emotionele en cognitieve empathie bij adolescenten, en de rol van moeders                            | Kind en adolescent               | 1     |
| Van Lissa, C. J., et al.  | 2015 | Divergence between adolescent and parental perceptions of conflict in relationship to adolescent empathy development              | Journal of youth and adolescence | 80    |
| Van Lissa, C. J., et al.  | 2014 | The longitudinal interplay of affective and cognitive empathy within and between adolescents and mothers.                         | Developmental Psychology         | 108   |

## Software

| Authors   | Title           | Downloads | Outlet |
|---|-----------------|-----------|--------|
| Hallquist, M., Wiley, J., Van Lissa, C. J.                                      | MplusAutomation | 234576    | CRAN   |
| Rosenberg, J. M., Van Lissa, C. J., Schmidt, J. A., Beymer, P. N., Anderson, D. | tidyLPA         | 107757    | CRAN   |
| Gu, X., Hoijsink, H., Mulder, J., Van Lissa, C. J.                              | bain            | 102526    | CRAN   |
| Van Lissa, C. J.  | tidySEM         | 99831     | CRAN   |
| Mulder, J., Van Lissa, C. J., et al.  | BFpack          | 57432     | CRAN   |
| Brandmaier, A. M., Prindle, J. J., Arnold, M., & Van Lissa, C. J.               | semtree         | 38012     | CRAN   |
| Van Lissa, C. J., & van Erp, S.   | pema            | 35580     | CRAN   |
| Van Lissa, C. J., Brandmaier, A. M., & Peikert, A.                              | worcs           | 34822     | CRAN   |
| Van Lissa, C. J.  | metaforest      | 29607     | CRAN   |
| Van Lissa, C. J., Altinisik, Y., Kuiper, R. M.                                  | gorica          | 26959     | CRAN   |
| Van Lissa, C. J.  | theorytools     | 738       | CRAN   |



## Managerial activities

| Activity   | Start   | End     | Category                  |
|--|---------|---------|---------------------------|
| Member Education Committee Liberal Arts & Sciences                               | Sep-24  | present | Organizational body       |
| Program director Team Science  | Oct-23  | Dec-23  | Organizational body       |
| Board member TiU Young Academy   | Sept-23 | present | Organizational body       |
| Member Faculty Ethical Committee   | Oct-22  | Sep-24  | Organizational body       |
| Chair Open Science Community Tilburg   | Sep-22  | present | Professional organization |
| Co-chair Open Science Community Utrecht  | Feb-22  | Aug-22  | Professional organization |
| U(H)D Council representative FSS   | Dec-20  | Sep-22  | Organizational body       |
| Faculty Open Science Team  | Oct-20  | Sep-22  | Organizational body       |
| Statistical Consulting Editor for Child Development                              | Apr-20  | present | Journal                   |
| Team coordinator at Data scientists Against Corona                               | Mar-20  | Jun-23  | Volunteer organization    |
| Faculty Ambassador Open Science Community Utrecht                                | Jan-20  | Sep-22  | Professional organization |
| National representative for the European Association for Research on Adolescence | Sep-18  | present | Professional organization |
| Onderwijscommissie PED/OWK   | Mar-18  | Jan-20  | Education                 |
| Onderwijscommissie OWW-ALPO  | Mar-18  | Jan-20  | Education                 |
| FSW-50 symposium organization  | Apr-14  | Apr-14  | Organization              |
| Co-organized Erasmus Intensive Program   | Nov-13  | Jan-14  | Organization              |
| Co-organized Erasmus Intensive Program   | Dec-12  | Apr-13  | Organization              |

## International experience

| Institute                                      | Country | Date   | Details   |
|--|---------|--------|---|
| University of Washington                       | USA     | Jul-24 | Visiting scholar  |
| Max Planck Institut Berlin                     | DE      | Apr-24 | Invited to Formal Methods Retreat   |
| University of Washington                       | USA     | Jun-23 | Visiting scholar  |
| Max Planck Institut Berlin                     | DE      | May-23 | PhD Committee member and guest speaker  |
| Turku University                               | FI      | Oct-22 | Invited to give a keynote speech on open science  |
| University of Washington                       | USA     | Apr-22 | Invited to give a guest lecture on machine learning methods for developmental psychology  |
| Oxford University                              | UK      | Nov-17 | Invited to research meeting of Oxford Morals Project to develop of a scale for children's moral development, and plan research for kindness.org   |
| University of Austin                           | USA     | Mar-17 | Visited Stephen Russell's SOGI: Health & Rights Lab, gave a lecture on MetaForest   |
| Oxford University                              | UK      | Feb-16 | Visiting scholar at Institute of Cognitive and Evolutionary Anthropology (ICEA)   |
| University of New Orleans                      | USA     | Mar-14 | Visited Elizabeth Shirtcliff's SPIT-Lab. Gave an invited lecture on my research on empathy and adolescent-parent conflict resolution, and received a one week training on hormone assays  |
| Erasmus Intensive Programme at Lund University | SE      | Apr-13 | Taught Quantitative Methods and supervised field research at the Erasmus Intensive Program on Young People's Identity Formation, which involved scholars and students from NL, LT, SE, and IT   |
| Mykolas Romeris University                     | LT      | Dec-12 | Visited to help develop the Erasmus Intensive Program on Young People's Identity Formation, an international honors course funded by the EC Lifelong Learning Programme, which involved scholars and students from NL, LT, SE, and IT |

## Invited lectures and workshops

| Institute   | City             | Country | Year |
|---|------------------|---------|------|
| Studium Generale Tilburg University                           | Tilburg          | NL      | 2025 |
| MethodsNET Methods Development and Innovation Workshops       | Louvain-la-Neuve | BE      | 2024 |
| Dresden School of Clinical Science                            | Dresden          | DE      | 2024 |
| Paul Meehl Graduate School                                    | Eindhoven        | NL      | 2024 |
| TI Methods Speaker Series                                     | Vancouver        | CA      | 2024 |
| Max Planck Institut Berlin                                    | Berlin           | DE      | 2024 |
| Psychological Bulletin Editorial Board                        | Online           | USA     | 2024 |
| Center for Social Data Science (SODAS)                        | Copenhagen       | DK      | 2023 |
| Jacobs / CIFAR Workshop Machine Learning & Theory Development | Tuebingen        | DE      | 2023 |
| Max Planck Institut fuer Entwicklungsfoerschung               | Berlin           | DE      | 2023 |
| TI Methods Speaker Series                                     | Vancouver        | CA      | 2022 |
| Donders Open Science Day                                      | Nijmegen         | NL      | 2022 |
| INVEST Open Science kick-off                                  | Turku            | FI      | 2022 |
| Open Science Festival   | Amsterdam        | NL      | 2022 |
| Vereniging Voor Statistiek en Operations Research             | Amsterdam        | NL      | 2022 |
| SRA   | Online           | USA     | 2022 |
| SRCD  | Online           | USA     | 2021 |
| One Health PACT   | Online           | NL      | 2021 |
| Universitaet Tuebingen  | Tuebingen        | DE      | 2021 |
| Max-Planck-Institute for Human Development                    | Berlin           | DE      | 2020 |
| Open Science Community Rotterdam                              | Rotterdam        | NL      | 2020 |
| Joannes Juda Groen symposium                                  | Amsterdam        | NL      | 2020 |
| Eindhoven University of Technology                            | Eindhoven        | NL      | 2020 |
| Oxford University   | Oxford           | UK      | 2020 |
| S4: Small Sample Size Solutions (postponed)                   | Utrecht          | NL      | 2020 |
| Together we (Re)search  | Utrecht          | NL      | 2020 |
| ERASMUS University  | Rotterdam        | NL      | 2020 |
| Aix*Marseille University                                      | Aix-en-Provence  | FR      | 2019 |
| Tilburg University  | Tilburg          | NL      | 2019 |
| EARA  | Ghent            | BE      | 2018 |
| Systematic Reviewing 3.0                                      | Utrecht          | NL      | 2018 |
| University of Texas at Austin                                 | Austin           | US      | 2017 |
| UvA   | Amsterdam        | NL      | 2017 |
| Human Technology Interaction, TU Eindhoven                    | Eindhoven        | NL      | 2017 |
| Centre for Child and Family Studies                           | Leiden           | NL      | 2017 |
| UNO SPIT-Lab  | New Orleans      | US      | 2014 |
| William James Symposium                                       | Utrecht          | NL      | 2012 |
| Brain & Development Lab (Eveline Crone)                       | Leiden           | NL      | 2012 |

## Funding

| Amount | Funding body                          | Purpose                       | Number           | Date     |
|--------|---------------------------------------|-------------------------------|------------------|----------|
| 850000 | NWO Vidi grant                        | Research                      | VI.Vidi.231G.017 | Oct 2024 |
| 227500 | eScience Center Spearhead grant       | Text Mining Systematic Review | NLeSC.P.23.0263  | Nov 2023 |
| 22000  | Facultair Stimuleringsfonds Onderwijs | Open Educational Materials    |                  | Mar 2022 |
| 22000  | Facultair Stimuleringsfonds Onderwijs | Open Science education        |                  | Sep 2020 |
| 250000 | NWO Veni grant                        | Research                      | VI.Veni.191G.090 | Sep 2019 |
| 1500   | Child and Adolescent Studies          | Symposium                     |                  | Sep 2013 |
| 1700   | FSW-50                                | Symposium                     |                  | Nov 2013 |
| 500    | Kurt Lewin Institute                  | Joint seminar                 |                  | Aug 2013 |
| 500    | Jacobs Foundation                     | Travel grant                  |                  | Oct 2014 |

## Collaborations

| Organization  | Key collaborator                  |
|---|-----------------------------------|
| Max Planck Institute for Human Development, Berlin, Germany | Aaron Peikert, Andreas Brandmaier |
| PsyCorona   | Pontus Leander                    |
| Theory Methods Lab  | Denny Borsboom                    |
| Jackson Lab, Stanford University                            | Cesar Terrer                      |
| Cooperation Databank (CODA), University of Amsterdam        | Daniel Balliet                    |
| Oxford Morals Project & Kindness.org                        | Oliver Curry                      |
| Dept. Youth and Family, Utrecht University                  | Susan Branje                      |
| Family Sociology, Erasmus University Rotterdam              | Renske Keizer                     |
| Educational Psychology, Chinese University of Hong Kong     | Skyler Hawk                       |
| Obstetrics and Gynaecology, Amsterdam UMC                   | Marlene Werner                    |
| RADlab, University of Washington                            | Kevin King                        |

## Reviewer & Editorial experience

I am Associate Editor for [Research Synthesis Methods](#), Statistical Consulting Editor for [Child Development](#), and have reviewed 52 journal articles, 34 conference abstracts, and 4 grant applications.

## Teaching

My teaching is well-reviewed and in 2021 I received the Teacher of the Year award from the Usocia student association. Since my first teaching appointment in 2006, I have taught 58 courses, to students from diverse backgrounds ranging from high-school to post-graduate (e.g., summer schools, pre-conference workshops). I have lectured in 40 courses, taught tutorials in 29, coordinated 15, and developed the material for 10 courses. I have supervised 42 Bachelor, 32 Master, and 3 PhD students.

| Course   | Year   | Sessions | Students            | HC  | WC  | Coord | Org | Syll | PPT | Apps | Dev |
|--|--------|----------|---------------------|-----|-----|-------|-----|------|-----|------|-----|
| Experimental Research Methods  | 25-Jan | 12       | 362                 | Yes |     | Yes   |     | Yes  | Yes |      |     |
| Statistics 1 and 2   | 24-Oct | 15       | 63                  | Yes |     | Yes   |     | Yes  | Yes | Yes  |     |
| Statistics 1 and 2   | 23-Oct | 15       | 92                  | Yes |     | Yes   |     |      | Yes | Yes  |     |
| Data Statistics  | 22-Oct | 4        | +/-100              | Yes |     |       |     |      | Yes |      |     |
| Statistics 1 and 2   | 22-Oct | 8        | 85                  | Yes |     | Yes   |     |      | Yes | Yes  |     |
| Writing a Reproducible Paper in R with WORCS                               | 22-Jan | 1        | 20                  | Yes |     |       |     |      | Yes | Yes  | Yes |
| Practicum Data Analyse   | 21-Nov | 8        | +/- 80              | Yes |     |       |     |      | Yes | Yes  |     |
| Practicum Data Analyse   | 21-Nov | 8        | +/- 80              | Yes |     |       |     |      | Yes | Yes  |     |
| Multivariate statistics for MSBBSS   | 21-Nov | 2        | 25                  | Yes |     |       |     | Yes  | Yes |      | Yes |
| Theory construction & stat. modeling                                       | 21-Sep | 7        | 80                  | Yes |     | Yes   | Yes | Yes  | Yes | Yes  | Yes |
| Advanced Course on Using Mplus   | 21-Jul | 2        | +/- 30              | Yes | Yes |       |     | Yes  | Yes |      |     |
| Workflow for Open Reproducible Code in Science                             | 20-Jul | 1        | 14                  | Yes | Yes | Yes   | Yes | Yes  | Yes | Yes  | Yes |
| Multivariate statistics for MSBBSS   | 20-Nov | 2        | 25                  | Yes |     |       |     | Yes  | Yes |      | Yes |
| Practicum Data Analyse   | 20-Nov | 8        | +/- 80              | Yes |     |       |     |      | Yes | Yes  |     |
| Theory construction & stat. modeling                                       | 20-Sep | 7        | 45                  | Yes |     | Yes   | Yes | Yes  | Yes | Yes  | Yes |
| Practicum Data Analyse   | 19-Nov | 8        | +/- 80              | Yes |     |       |     |      | Yes | Yes  |     |
| Utalent: Help! Ik heb data (6VWO)  | 19-Oct | 1        | 20                  | Yes |     | Yes   | Yes |      | Yes |      | Yes |
| Workshop: version control with Github (research master's)                  | 19-Oct | 1        | 10?                 |     | Yes |       |     |      |     |      | Yes |
| Multivariate statistics (DASCA research master's)                          | 19-Sep | 9        | 14 (WC) +/- 50 (HC) | Yes | Yes | Yes   |     | Yes  | Yes |      |     |
| Theory construction & stat. modeling                                       | 19-Sep | 7        | 45                  | Yes |     | Yes   | Yes | Yes  | Yes | Yes  | Yes |
| Methoden en statistiek van sociaal wetenschappelijk onderzoek (pre-master) | 19-Sep |          | 312                 |     |     | Yes   | Yes | Yes  |     |      |     |
| ADS: Basis van Onderzoek en Statistiek                                     | 19-Sep | 4        | 6                   |     | Yes |       |     |      |     |      |     |
| Advanced Course on Using Mplus   | 19-Jul | 1        | +/- 30              | Yes | Yes |       |     | Yes  | Yes |      |     |
| Summer school on meta-analysis, Aix*Marseille University (FA)              | 19-Jun | 1        | 30                  | Yes | Yes |       | Yes | Yes  | Yes | Yes  |     |
| Utalent: Hoera! Ik ga onderzoek doen (6VWO)                                | 19-Apr | 1        | 15                  | Yes |     | Yes   | Yes |      | Yes |      | Yes |
| University College Utrecht: MET2A  | 19-Apr | 10       | 14                  | Yes | Yes |       |     |      | Yes |      |     |
| Applied Bayesian Statistics  | 19-Apr | 5        | +/- 30              |     | Yes |       |     |      |     | Yes  |     |
| Marnixacademie: MTS1&2   | 19-Feb | 14       | 14                  | Yes | Yes |       |     |      | Yes |      |     |
| University College Utrecht: MET23  | 19-Jan | 20       | 14                  | Yes | Yes |       |     |      | Yes | Yes  |     |
| MTS3   | 18-Nov | 3        | 14                  |     | Yes |       |     |      |     |      |     |
| Practicum Data Analyse   | 18-Nov | 8        | +/- 80              | Yes |     |       |     |      | Yes | Yes  |     |
| Pre-conference workshop, EARA Ghent (BE)                                   | 18-Sep | 1        | ?                   | Yes |     |       | Yes | Yes  | Yes | Yes  |     |
| Theory construction & stat. modeling                                       | 18-Sep | 7        | 45                  | Yes |     |       |     |      | Yes | Yes  |     |
| Advanced Course on Using Mplus   | 18-Jul | 1        | +/- 30              | Yes | Yes |       |     | Yes  | Yes |      |     |
| Applied Bayesian Statistics  | 18-Apr | 5        | +/- 30              |     | Yes |       |     |      |     | Yes  |     |
| Methoden, Technieken en Statistiek 2                                       | 18-Feb |          | 93                  |     |     | Yes   | Yes | Yes  |     |      |     |
| Methoden, technieken en statistiek 4 (MTS4)                                | 18-Feb | 1        | 50                  | Yes |     |       |     |      | Yes |      |     |
| University College Utrecht: MET23  | 18-Jan | 20       | 14                  | Yes | Yes |       |     |      | Yes | Yes  |     |
| Father involvement, Leiden University                                      | 17-Dec | 1        | +/- 30              | Yes |     |       |     |      | Yes |      |     |
| MTS3   | 17-Nov | 3        | 14                  |     | Yes |       |     |      |     |      |     |
| Practicum Data Analyse   | 17-Nov | 8        | +/- 80              | Yes |     |       |     |      | Yes | Yes  |     |
| SPSS (pre-master avondonderwijs; +/- 20 ss)                                | 17-Jan | 8        | +/- 20              |     | Yes |       |     |      |     |      |     |
| Kwantitatieve Methoden (pre-master avondonderwijs)                         | 17-Jan | 8        | +/- 20              | Yes |     |       |     |      | Yes | Yes  |     |
| Quantitative Methods   | 17-Jan | 8        | +/- 300             | Yes |     |       |     |      | Yes | Yes  |     |
| University College Utrecht   | 15-Feb | 1        | 14                  | Yes |     |       |     |      | Yes |      |     |
| Experimental seminar in development and socialisation research (DASCA06)   | 15-Jan | 1        | +/- 14              | Yes | Yes |       |     |      | Yes |      |     |
| Young People's identity formation  | 14-Feb | 5        | +/- 20              | Yes | Yes | Yes   | Yes |      | Yes |      |     |
| Introduction to psychology   | 13-Nov | 5        | 207                 | Yes |     |       |     |      | Yes |      |     |
| Young People's identity formation  | 13-Apr | 5        | +/- 20              | Yes | Yes | Yes   | Yes |      | Yes |      |     |
| Developmental psychology   | 10-Nov | 6        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Meten & Diagnostiek  | 10-Sep | 9        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Academic skills  | 2011   | ?        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Statistics II  | 2011   | 8        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Academic skills  | 2010   | ?        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Statistics II  | 2010   | 8        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Developmental psychology   | 2008   | 6        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Personality psychology   | 2008   | ?        | +/- 14              |     | Yes |       |     |      |     |      |     |
| Biostatistics  | 2006   | +/- 8    | +/- 30              |     | Yes |       |     |      |     |      |     |

HC: Lecture, WC: Tutorial, Coord: Coordination, Org: Organization, Syll: Made syllabus, PPT: Made presentation, Apps: Made digital aids, Dev: Conducted course development

## Conference attendance

I am very active at international conferences, and have contributed to 38 conferences since my first attendance in 2012.

## Media appearances

I have discussed my work in the following media outlets:

| Outlet                 | Type      | Date       | Country |
|------------------------|-----------|------------|---------|
| De Psycholoog          | Magazine  | 2023-06-01 | NL      |
| De Psycholoog          | Magazine  | 2023-06-01 | NL      |
| Science Magazine       | Newspaper | 2021-04-27 | US      |
| 3voor12                | Newspaper | 2021-04-22 | NL      |
| NRC                    | Newspaper | 2021-04-18 | NL      |
| FAIRly Open After Dark | Podcast   | 2021-04-13 | NL      |
| ARTE                   | TV        | 2020-05-06 | FR/DE   |
| NRC                    | Newspaper | 2020-04-27 | NL      |
| Radio 1                | Radio     | 2016-04-27 | NL      |
| Wall Street Journal    | Newspaper | 2015-04-14 | US      |
| Wall Street Journal    | Newspaper | 2013-10-15 | US      |