

# Caspar J. van Lissa, PhD

Veni-funded developmental data scientist, Open Science faculty ambassador, statistical consulting editor. Usocia Teacher of the Year 2021. Using machine learning to predict teenagers' emotional problems.

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

Last updated: 2021-12-17

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## Experience

Employer	Department	Position	Begin	End
Utrecht University	Methodology & Statistics	Assistant professor	May 2017	permanent
Erasmus University, Rotterdam	Family Sociology	Post-doctoral researcher	Sep 2015	Okt 2017
Utrecht University	Research Centre Adolescent Development	PhD candidate	Sep 2011	Sep 2015
VU University, Amsterdam	Psychology and Education Science	Tutor	Sep 2010	Feb 2011
VU University, Amsterdam	Social Psychology	Bachelor's thesis supervisor	Feb 2009	Jul 2009
VU University, Amsterdam	Psychology and Education Science	Tutor	Oct 2008	May 2009
VU University, Amsterdam	Communication science	Research assistant	Jul 2008	Aug 2008
Utrecht University	Centre for Biostatistics	Tutor	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 1577 times (G-index: 39, H-index: 19, i10-index: 25).

Authors	Year	Title	Publication	Cited
Han, Q., et al.	2021	Trust in government regarding COVID-19 and its associations with preventive health behaviour and prosocial behaviour during the pandemic: a cross-sec...	Psychological medicine	83
Jin, S., et al.	2021	Intergenerational conflicts of interest and prosocial behavior during the COVID-19 pandemic	Personality and Individual Differences	27
Han, Q., et al.	2021	Associations of risk perception of COVID-19 with emotion and mental health during the pandemic	Journal of affective disorders	19
Mulder, J., et al.	2021	BFpack: Flexible Bayes Factor Testing of Scientific Theories in R	Journal of Statistical Software	11
Romano, A., et al.	2021	Cooperation and trust across societies during the COVID-19 pandemic	Journal of Cross-Cultural Psychology	11
Heck, D. W., et al.	2021	A review of applications of the Bayes factor in psychological research	Psychological Methods	7
Hallquist, M., Wiley, J., & Van Lissa, C.	2021	Package ‘MplusAutomation’	CRAN	6
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	5
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	4
Altinisik, Y., Van Lissa, C. J., Hoijtink, H., Oldehinkel, A. J., Kuiper, R. M.	2021	Evaluation of inequality constrained hypotheses using a generalization of the AIC.	Psychological Methods	3
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	1
Mula, S., et al.	2021	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	0

(continued)

Authors	Year	Title	Publication	Cited
Van Lissa, C. J., & van Erp, S.	2021	Select relevant moderators using Bayesian regularized meta-regression	PsyArXiv	0
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	0
Endedijk, H. M., et al.	2021	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	0
Stroebe, W., et al.	2021	Politicization of COVID-19 health-protective behaviors in the United States: Longitudinal and cross-national evidence	PloS one	0
Resta, E., et al.	2021	‘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	0
Castells, X., et al.	2021	Placebo response and its predictors in Attention Deficit Hyperactivity Disorder: a meta-analysis and comparison of meta-regression and MetaForest	Oxford University Press	0
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	0
Van Lissa, C. J.	2021	Mapping Phenomena Relevant to Adolescent Emotion Regulation: A Text-Mining Systematic Review	Adolescent Research Review	0
Du, E., et al.	2020	Global patterns of terrestrial nitrogen and phosphorus limitation	Nature Geoscience	148
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	17
Van Lissa, C. J., et al.	2020	WORCS: A Workflow for Open Reproducible Code in Science	Data Science	15
Van Lissa, C. J., et al.	2020	Teacher’s Corner: Evaluating Informative Hypotheses Using the Bayes Factor in Structural Equation Models	Structural Equation Modeling	9
Mastrotheodoros, S., Van Lissa, C. J., Van der Graaff, J., Dekovic, 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	8
Van Lissa, C. J.	2020	Small sample meta-analyses: Exploring heterogeneity using MetaForest	Small Sample Size Solutions (Open Access): A Guide for Applied Researchers . . .	8

(continued)

Authors	Year	Title	Publication	Cited
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	7
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	5
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	2
Van Lissa, C. J., et al.	2020	Early Indicators of COVID-19 Infection Prevention Behaviors: Machine Learning Identifies Personal and Country-Level Factors	PsyArXiv	1
Terrer, C., et al.	2019	Nitrogen and phosphorus constrain the CO <sub>2</sub> fertilization of global plant biomass	Nature Climate Change	124
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	112
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	78
Hojtink, H., Mulder, J., Van Lissa, C., & Gu, X.	2019	A tutorial on testing hypotheses using the Bayes factor.	Psychological methods	69
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	61
Bonapersona, V., et al.	2019	The behavioral phenotype of early life adversity: a 3-level meta-analysis of rodent studies	Neuroscience & Biobehavioral Reviews	45
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	29
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>	15
Endedijk, H. M., Breeman, L., Van Lissa, C., Den Boer, L., & Mainhard, T.	2019	Lesgeven in passend onderwijs: Hoe leerkracht-leerling relaties de sociale positie van leerlingen in de klas mee bepalen	Lesgeven in passend onderwijs: Hoe leerkracht-leerling relaties de sociale ...	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	192

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Authors	Year	Title	Publication	Cited
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	115
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	71
Sivan, J., Curry, O. S., Van Lissa, C. J.	2018	Excavating the foundations: cognitive adaptations for multiple moral domains	Evolutionary Psychological Science	2
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	37
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	32
Van Lissa, C. J.	2017	MetaForest: Exploring heterogeneity in meta-analysis using random forests	PsyArxiv	23
Van Lissa, C. J.	2017	Package 'metaforest'	CRAN	2
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	54
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	48
Van Lissa, C. J., et al.	2014	The longitudinal interplay of affective and cognitive empathy within and between adolescents and mothers.	Developmental Psychology	70

## Software

Authors	Title	Downloads	Outlet
Hallquist, M., Wiley, J., Van Lissa, C. J.	MplusAutomation	144042 downloads.	CRAN
Rosenberg, J. M., Van Lissa, C. J., Schmidt, J. A., Beymer, P. N., Anderson, D.	tidyLPA	40484 downloads.	CRAN
Gu, X., Hoijsink, H., Mulder, J., Van Lissa, C. J.	bain	35129 downloads.	CRAN
Mulder, J., Van Lissa, C. J., et al.	BFpack	27815 downloads.	CRAN
Van Lissa, C. J.	metaforest	20841 downloads.	CRAN
Van Lissa, C. J.	tidySEM	15842 downloads.	CRAN
Van Lissa, C. J., Altinisik, Y., Kuiper, R. M.	gorica	9606 downloads.	CRAN
Van Lissa, C. J., Brandmaier, A. M., & Peikert, A.	worcs	8771 downloads.	CRAN
Van Lissa, C. J., & van Erp, S.	pema	8 downloads.	CRAN

## Managerial activities

Activity	Start	End	Category
U(H)D Council representative FSS	Dec-20	present	Organizational body
Faculty Open Science Team	Oct-20	present	Organizational body
Statistical Consulting Editor for Child Development	Apr-20	present	Journal
Team coordinator at Data scientists Against Corona	Mar-20	present	Volunteer organization
Faculty Ambassafor Open Science Community Utrecht	Jan-20	present	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
Oxford University	UK	Nov 2017	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 2017	Visited Stephen Russell's SOGI: Health & Rights Lab, gave a lecture on MetaForest
Oxford University	UK	Feb 2016	Visiting scholar at Institute of Cognitive and Evolutionary Anthropology (ICEA)
University of New Orleans	USA	Mar 2014	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 2013	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 2012	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

Institute	City	Country	Year
Vereniging Voor Statistiek en Operations Research	Amsterdam	NL	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
22000	Utrechts 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	Andreas M. Brandmaier
PsyCorona	Pontus Leander
Data versus Corona	Denny Borsboom
Jackson Lab, Stanford University	César 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 & Ellen Laan
Icahn School of Medicine, Mount Sinai New York	Molly Gromatsky & Emily Edwards

## Reviewer & Editorial experience

I am Statistical Consulting Editor for [Child Development](#), and have reviewed 37 journal articles, 34 conference abstracts, and 4 grant applications.

## Teaching

In 2021, I received the Teacher of the Year award from Usocia for teaching “Practicum Data-Analyse”, for which I developed a series of [YouTube tutorials](#). Since my first teaching appointment in 2006, I have taught 51 courses, to students from diverse backgrounds ranging from high-school to post-graduate (e.g., summer schools, pre-conference workshops). I have lectured in 33 courses, taught tutorials in 29, coordinated 11, and developed the material for 9 courses. I have supervised 38 Bachelor, 26 Master, and 3 PhD students.



Course	Year	Sessions	Students	HC	WC	Coord	Org	Syll	PPT	Apps	Dev
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	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	
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 32 conferences since my first attendance in 2012.

## Media appearances

I have discussed my work in the following media outlets:

Outlet	Type	Date	Country
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