

Caspar J. van Lissa, PhD

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

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
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 741 times (G-index: 27, H-index: 15, i10-index: 18).

Authors	Year	Title	Publication	Cited
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	98
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	63
Van Lissa, C. J., et al.	2014	The longitudinal interplay of affective and cognitive empathy within and between adolescents and mothers.	Developmental Psychology	59
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	54
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	52
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	48
Terrer, C., et al.	2019	Nitrogen and phosphorus constrain the CO ₂ fertilization of global plant biomass	Nature Climate Change	46
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	43
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	40
Hojtink, H., Mulder, J., Van Lissa, C., & Gu, X.	2019	A tutorial on testing hypotheses using the Bayes factor.	Psychological methods	37
Du, E., et al.	2020	Global patterns of terrestrial nitrogen and phosphorus limitation	Nature Geoscience	33
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	32
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	31
Bonapersona, V., et al.	2019	The behavioral phenotype of early life adversity: a 3-level meta-analysis of rodent studies	Neuroscience & Biobehavioral Reviews	21

(continued)

Authors	Year	Title	Publication	Cited
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	20
Van Lissa, C. J.	2017	MetaForest: Exploring heterogeneity in meta-analysis using random forests	PsyArXiv	13
Gu, X., Hoijtink, H. J. A., Mulder, J., Van Lissa, C. J.	2019	bain: Bayes factors for Informative Hypotheses. R package version 0.2. 1	CRAN	12
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	10
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	8
Hallquist, M., Wiley, J., & Van Lissa, C.	2020	Package ‘MplusAutomation’	CRAN	6
Van Lissa, C. J., et al.	2020	WORCS: A Workflow for Open Reproducible Code in Science	Data Science	4
Van Lissa, C. J., et al.	2020	Teacher’s Corner: Evaluating Informative Hypotheses Using the Bayes Factor in Structural Equation Models	Structural Equation Modeling	2
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.	2017	Package ‘metaforest’	CRAN	2
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	1
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	1
van Mulukom, V., Muzzulini, B., Rutjens, B. T., Van Lissa, C. J., & Farias, M.	2020	The Psychological Impact of Lockdown During the COVID-19 Pandemic: Exacerbating Factors and Mitigating Actions	PsyArxiv	1
Mulder, J., et al.	2019	BFpack: Flexible Bayes Factor Testing of Scientific Theories in R	arXiv preprint arXiv:	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
Roberts, H., Van Lissa, C., & Helbich, M.	2020	Perceived neighbourhood characteristics and depressive symptoms: Potential mediators and the moderating role of employment status	Social Science & Medicine	0

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Authors	Year	Title	Publication	Cited
Jin, S., et al.	2020	Intergenerational conflicts of interest and prosocial behavior during the COVID-19 pandemic	Personality and Individual Differences	0
Van Lissa, C. J., et al.	2020	Early Indicators of COVID-19 Infection Prevention Behaviors: Machine Learning Identifies Personal and Country-Level Factors	PsyArXiv	0
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	0
Heck, D. W., et al.	2020	A Review of Applications of the Bayes Factor in Psychological Research	PsyArXiv	0
Van Lissa, C. J.	2020	Small sample meta-analyses: Exploring heterogeneity using MetaForest	Small Sample Size Solutions (Open Access): A Guide for Applied Researchers . . .	0

Software

Authors	Title	Downloads	Outlet
Hallquist, M., Wiley, J., Van Lissa, C. J.	MplusAutomation	104752 downloads.	CRAN
Rosenberg, J. M., Van Lissa, C. J., Schmidt, J. A., Beymer, P. N., Anderson, D.	tidyLPA	25875 downloads.	CRAN
Gu, X., Hoijsink, H., Mulder, J., Van Lissa, C. J.	bain	19955 downloads.	CRAN
Van Lissa, C. J.	metaforest	15267 downloads.	CRAN
Mulder, J., Van Lissa, C. J., et al.	BFpack	14326 downloads.	CRAN
Van Lissa, C. J., Altinisik, Y., Kuiper, R. M.	gorica	6014 downloads.	CRAN
Van Lissa, C. J.	tidySEM	3438 downloads.	CRAN
Van Lissa, C. J., Brandmaier, A. M., & Peikert, A.	worcs	3421 downloads.	CRAN

Managerial activities

Activity	Start	End	Category
Faculty Open Science Team	Oct-20	present	Organizational body
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	Research meeting 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
University of Oxford	UK	Feb 2016	Institute of Cognitive and Evolutionary Anthropology (ICEA)
University of New Orleans	USA	Mar 2014	Visited Elizabeth Shirlcliff'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
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

Reviewer & Editorial experience

I am Statistical Consulting Editor for [Child Development](#), and have reviewed 32 journal articles, 24 conference abstracts, and 2 grant applications.

Teaching

Since my first teaching appointment in 2006, I have taught continuously, in 44 courses, from the high-school to post-graduate (e.g., summer schools, pre-conference workshops) level. I have lectured in 26 courses, taught tutorials in 28, coordinated 9, and developed the material for 5 courses. I have supervised 38 Bachelor, 23 Master, and 2 PhD students.

Course	Year	Sessions	Students	HC	WC	Coord	Org	Syll	PPT	Apps	Dev
Workflow for Open Reproducible Code in Science	20-Jul	1	14	Yes	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		
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 29 conferences since my first attendance in 2012.

Media appearances

I have discussed my work in the following media outlets:

Outlet	Type	Date	Country
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