

Jolanda J. Kossakowski, MSc

Personal Information

Name	Jolanda Jacqueline Kossakowski
Date of birth	April 21st, 1988
Place of birth	Terneuzen, the Netherlands
Nationality	Dutch
Work Address	Nieuwe Achtergracht 129-B, REC-G 0.39, 1018 WT, Amsterdam, The Netherlands
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Employment

2015 – present	PhD student at University of Amsterdam. Promotor: Prof. Dr. H. L. J. van der Maas. Co-promotor: Dr. L. J. Waldorp.
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Education

2013 – 2015	MSc RM Psychology, University of Amsterdam (Cum Laude; GPA: 8.7) Specialisation: Psychological Research Methods. Minor: IOPS Grant Competition Programme Internship: <i>Diving into the Depths of Emotions: The Relation Between Momentary and Day-to-Day Inertia</i> , supervisors: Prof. Dr. D. Borsboom and Dr. E. L. Hamaker. Grade: 8.5 Thesis: <i>Predicting Phase Transitions: Investigating the Quality of Mean Field Approximations in a Random Graph, Small-World Graph and a Scale-Free Graph</i> , supervisor: Dr. L. J. Waldorp. Grade: 9.0
2010 – 2013	BSc Psychology, University of Amsterdam (Cum Laude; GPA: 8.4) Specialisation: Psychological Research Methods. Thesis: <i>Flipping the Coin: Applying a Network Approach to Quality of Life</i> , supervisor: Prof. Dr. D. Borsboom. Grade: 9.0
2007 – 2010	BSc Human Resource Management, Tilburg University Minor: Social and Cultural Psychology.

Additional Education

2017	<i>Statistical Learning</i> (University of Leiden) <i>What is Psychometrics?</i> (University of Amsterdam)
2016	<i>Dynamical Systems</i> (University of Amsterdam) <i>Optimization and Numerical Methods in Statistics</i> (KU Leuven)
2015 – present	<i>Academic English: Writing Specialization</i> (Coursera)
2014 – present	<i>Data Science Specialization</i> (Coursera)
2014	<i>Bayesian Statistics</i> (Leiden University) <i>Social and Economic Network Analysis</i> (Coursera) <i>Programming for Everybody: Python</i> (Coursera)
2010	<i>Managing Employee Agreements</i> (Victoria University of Wellington) <i>Cross-Cultural Psychology</i> (Victoria University of Wellington) <i>Social and Discourse Psychology</i> (Victoria University of Wellington)

Professional Experience

Teaching

2017	Lecturer “Statistics 1” (UvA psychology research master’s). Topic: <i>General statistics course</i> . Supervisor “Research Master Internship” (UvA psychology research master’s). Topic: <i>Supervision of internship project on causal networks using experimental data</i> .
2016	Lecturer “Basic R Course” (UvA psychology employees). Topic: <i>Practical course on the programming language R</i> . Supervisor “Bachelor project” (UvA third-year clinical psychology). Topic: <i>Supervision of five bachelor theses that focused on network analysis in clinical psychology</i> . Lecturer “ \LaTeX ” (UvA psychology research master’s). Topic: <i>one-day course on document preparation system \LaTeX</i> . Teaching assistant “Programming Skills: R” (UvA psychology research master’s). Topic: <i>Practical course on the programming language R</i> .
2015	Teaching assistant “Methods for Research and Statistics” (UvA first-year psychobiology). Topic: <i>General statistics course</i> . Teaching assistant “Research Methods and Analysis of Scientific Research” (UvA second-year beta-gamma). Topic: <i>General statistics course</i> . Teaching assistant “Scientific and Statistical Reasoning” (UvA second-year psychology). Topic: <i>Course on introductory statistics and logical reasoning</i> .
2014 – 2015	Teaching assistant “ \LaTeX ” (UvA psychology research master’s). Topic: <i>one-day course on document preparation system \LaTeX</i> .
2014 – 2017	Teaching assistant “Network Analysis” (UvA psychology research master’s). Topic: <i>Introductory course in network science</i> .
2014 – 2015	Teaching assistant “Multivariate Analysis” (UvA psychology research master’s). Topic: <i>General statistics course</i> .
2014	Teaching assistant “Statistics for the Life Sciences” (UvA first-year beta-gamma). Topic: <i>General statistics course</i> .
2012 – 2014	Teaching assistant “SPSS” (UvA second-year psychology; first-year psychobiology). Topic: <i>Practical course on the statistical programme SPSS</i> .

Research

2016 – present	Coordinator PsychoSystems Data Analysis Center, University of Amsterdam. Task: <i>connecting researchers with analysts, supervising analyses and maintaining quality of analysis reports.</i>
2013 – 2014	Research assistant in collaboration with Drs. S. Klinkenberg, University of Amsterdam. Topic: <i>Estimating Confidence Intervals for Mixed Design ANOVAs.</i>
2012 – 2013	Research assistant in collaboration with Dr. A. Cheshin and Prof. Dr. G. A. van Kleef, University of Amsterdam. Topic: <i>Citation Impact and References on Personal Webpages.</i>
2011 – 2013	Research assistant in collaboration with Dr. A. Cheshin, University of Amsterdam. Topic: <i>Predicting the Outcome of a Baseball Pitch Based on the Pitchers' Emotions.</i>
2011 – 2012	Research assistant in collaboration with Dr. J. M. Wicherts, University of Amsterdam. Topic: <i>False Reporting of p-values in Current and Older Articles of Authors.</i>

Membership

Association for Psychological Science (APS)
Complex Systems Society (CSS)
Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS)
Netherlands Society for Statistics and Operations Research (VVS+OR)
Psychometric Society

Other

2017 – present	Member daily board department of psychological research methods. Task: <i>organizing PMLabs and keeping track of the work environment for the temporary staff.</i>
2017 – present	Organizer PMLabs. Task: <i>Organizing half yearly labmeeting for UvA's psychological research methods department and its students.</i>
2015	Assistant for the qDNA tool. Task: <i>Improving R-code for analysis report.</i>
2015	Member Open Science Collaboration for the Reproducibility Project: Psychology. Task: <i>double check results from replication studies.</i>
2013 – 2015	Methodology shop consultant at the “Methodologiewinkel”, University of Amsterdam. Task: <i>advice students that request assistance in their research.</i>

Ad Hoc Reviewing

- European Journal of Psychotraumatology
- Health and Quality of Life Outcomes
- Psychiatric Review
- Quality of Life Research

Awards

- 2014 **Third Place Winner Best Poster Award**
Kossakowski, J. J., Borsboom, D., & Hamaker, E. L. (2014, October). *Diving into the Depths of Emotions: The Relation Between Momentary and Day-to-Day Emotional Inertia*. Paper presented at the 8th Research Masters's Annual Graduate Conference, Amsterdam, The Netherlands.

Computer Knowledge

Advanced knowledge	L ^A T _E X Microsoft Office R Shiny SPSS
Basic knowledge	C HTML JAGS LISREL Python WinBUGS

Publications

In preparation

- [8] Rouquette, A., Pingault, J-P., Fried, E., Falissard, B., **Kossakowski, J.J.**, Orri, M., Cote, S., & Borsboom, D. (2017). Behavioral symptom network structure in girls and links to anxiety disorders in early adulthood. *In preparation*.
- [7] Hoekstra, H. A., **Kossakowski, J. J.**, & van der Maas, H. L. J. (2017) Experimental Data on the Attitude Towards Meat Consumption. *In preparation*.
- [6] **Kossakowski, J. J.**, Waldorp, L. W., & van der Maas, H. L. J. (2017). Inferring Causal Networks from Experimental Data: A Comparison Between Different Methods. *In preparation*.
- [5] Van den Berg, J-W., Smid W., **Kossakowski, J. J.**, van Beek, D., Borsboom, D., Janssen, E., & Gijs, L. (2017). Network Analysis Applied to Dynamic Risk Factors of Adult Male Sex Offenders. *In preparation*.
- [4] Derks, K. P., Burger, J., van Doorn, J. D., **Kossakowski, J. J.**, Atticciati, L., Beitner, J., . . . Wagenmakers, E.- J. (2017). Network models to organize a dispersed literature: The case of misunderstanding analysis of covariance. *In preparation*
- [3] Waldorp, L. J., & **Kossakowski, J. J.** (2017). Mean Field Dynamics of Graphs I: Evolution of Probabilistic Cellular Automata on Different Types of Graphs. *In preparation*.
- [2] **Kossakowski, J. J.**, Gordijn, M. C. M., Harriette, R., & Waldorp, L. J. (2017). Mean Field Dynamics of Graphs II: Assessing the Risk for the Development of Phase Transitions in Empirical Data. *In preparation*.
- [1] Van Borkulo, C.D., Waldorp, L. J., Boschloo, L., **Kossakowski, J.J.**, Tio, P., Schoevers, R.A., & Borsboom, D. (2017). Comparing network structures on three aspects: A permutation test. *In preparation*

Under review

- [2] Barbalat, G., van den Bergh, D., & **Kossakowski, J. J.** (2017). Assessing outcomes in mental health services: from individual scores to symptom networks. *Submitted to BMC Psychiatry*.
- [1] Santos Jr, H., **Kossakowski, J. J.**, Beeber, L., Schwartz, T., & Fried, E. I. (2017). The Network Dynamics of Maternal Depressive Symptoms and Self-Efficacy. *Submitted to PLoS One*.

Published

- [5] **Kossakowski, J. J.**, & Cramer, A.O.J. (2017). Complexity, Chaos and Catastrophe: Modeling Psychopathology as a Dynamic System. In *Frontiers of Cognitive Psychology*. Section: Network Science in Cognitive Psychology. *In press*.
- [4] **Kossakowski, J. J.**, Groot, P. C., Haslbeck, J. M. B., Borsboom, D., & Wichers, M. (2017). Data from ‘Critical Slowing Down as a Personalized Early Warning Signal for Depression’. *Journal of Open Psychology Data*, 5: 1, DOI: <https://doi.org/10.5334/jopd.29>.
- [3] Cheshin, A., Heerdink, M. W., **Kossakowski, J. J.**, & van Kleef, G. A. (2016). Pitching Emotions: The Interpersonal Effects of Emotions in Baseball. *Frontiers in Psychology*, 7, 1-12. DOI: 10.3389/fpsyg.2016.00178.
- [2] **Kossakowski, J. J.**, Epskamp, S., Kieffer, J. M., van Borkulo, C. D., Rhemtulla, M., & Borsboom, D. (2016). The application of a network approach to health-related quality of life (HRQoL): introducing a new method for assessing HRQoL in healthy adults and cancer patients. *Quality of Life Research*, 25, 781-792.
- [1] **Open Science Collaboration** (2015). Estimating the Reproducibility of Psychological Science. *Science*, 349 (6251). DOI: 10.1126/science.aac4716.

Presentations

- [9] **Kossakowski, J. J.**, Hoekstra, R., Waldorp, L. J., & van der Maas H. L. J. (2017). *Transforming Mutations into Models: Inferring Causal Networks from Experimental Data*. Presentation for the 82nd International Meeting of the Psychometric Society (IMPS), Zurich, Switzerland, July 2017.
- [8] **Kossakowski, J. J.**, Hoekstra, R., Waldorp, L. J., & van der Maas H. L. J. (2017). *Transforming Mutations into Models: Inferring Causal Networks from Experimental Data*. Presentation for the 29th Association of Psychological Science Convention (APS), Boston, USA, May 2017.
- [7] **Kossakowski, J. J.**, Gordijn, M. C. M., Riese, H. & Waldorp, L. J. (2017). *Safe or susceptible? Assessing risk for the development of critical transitions in psychopathology*. Presentation for the 29th Association of Psychological Science Convention (APS), Boston, USA, May 2017.
- [6] **Kossakowski, J. J.**, & Waldorp, L. J. (2016). *Mean Field Dynamics of Graphs*. Presentation for the Conference on Complex Systems (CCS), Amsterdam, the Netherlands, September 2016.
- [5] **Kossakowski, J. J.**, & Waldorp, L. J. (2016). *To Be Or Not To Be (Depressed)? Assessing the Risk for the Development of Depression*. Poster for the 28th Association of Psychological Science Convention (APS), Chicago, USA, May 2016.
- [4] **Kossakowski, J. J.**, & Waldorp, L. J. (2016). *To Be Or Not To Be (Depressed)? Assessing the Risk for the Development of Depression*. Presentation for the Society of Dutch Developmental Psychology (VNOP), Wageningen, the Netherlands, May 2016.
- [3] **Kossakowski, J. J.**, & Waldorp, L. J. (2015). *The Transition Awakens. Investigating the Detection Quality of the Mean Field Approximation in a Random Graph and Small-World Graph*. Poster for the 25th Annual IOPS Winter Conference, Leiden, the Netherlands, December 2015.
- [2] **Kossakowski, J. J.**, Epskamp, S., Kieffer, J. M., van Borkulo, C. D., Rhemtulla, M & Borsboom, D. (2015). *Is this the Real (Quality of) Life? A Comparison of Health-Related Quality of Life Networks in Healthy Adults and Cancer Patients*. Poster for the 25th Annual IOPS Winter Conference, Leiden, the Netherlands, December 2015.

- [1] **Kossakowski, J. J.**, Borsboom, D., & Hamaker, E. L. (2014). *I am Blue All Day = I Am Blue Tomorrow? Simulating the Correlation Between Momentary and Day-to-Day Inertia*. Poster for the ninth Research Masters's Annual Graduate Conference, Amsterdam, the Netherlands, October 2014. **Awarded third place winner of best poster award.**