Sacha Epskamp

Curriculum Vitae

Personal

Date of birth	April 15, 1985
Nationality	Dutch/EU
Languages	Dutch (native), English (fluent), Romanian (intermediate)
Marital Status	Married
Children	2 (2021; 2025)

Experience

Main Employment

Jul 2022 - current **Associate Professor (tenured)**, National University of Singapore, Department of Psychology, Singapore.

Aug 2016 - Jul 2022 **Assistant Professor (tenured)**, University of Amsterdam, Department of Psychology, Amsterdam.

Aug 2012 - Aug 2016 **PhD Student**, University of Amsterdam, Department of Psychology, Amsterdam.

Feb 2009 - Aug 2012 **Research Assistant**, University of Amsterdam, Department of Psychology, Amsterdam.

Partial Employment

Jan 2020 - Jul 2022 **Principal Investigator**, University of Amsterdam, Centre for Urban Mental Health, Amsterdam.

Mar 2016 - Aug 2016 **Analysis Team for JASP Software**, University of Amsterdam, Department of Psychology, Amsterdam.

Oct 2013 - Aug 2015 **Psychometrician/Data Analyst**, Oefenweb.nl, Amsterdam.

Fellowships & Research Visits

Aug 2019 - Oct 2019 **Visiting Researcher**, National University of Singapore, Department of Psychology, Singapore.

Jan 2018 - Dec 2018 **Research Fellow**, University of Amsterdam, Institute for Advanced Studies, Amsterdam.

Feb 2016 **Visiting Researcher**, University of Edinburgh, School of Philosophy, Psychology and Language Sciences, Edinburgh.

Aug 2015 - Jan 2016 **Visiting Researcher**, Nanyang Technological University, Complexity Institute, Singapore.

Jan 2012 - Aug 2012 **Intern**, CITO, Psychometrisch Onderzoeks- en Kenniscentrum, Arnhem.

Boards, Committees & Consultancy

Sep 2020 - current **Statistical Consultant**, National Institute for Public Health and the Environment (RIVM).

Aug 2016 - current **Staff Member**, Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS).

Jan 2018 - March 2020 **Committee Research**, The Netherlands Platform Complex Systems (NPCS).

Feb 2015 - May 2015 **Statistical Consultant**, Center for Open Science.

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Education

Mar 2018 **Winter School on Complexity Science**, Nanyang Technological University, Complexity Institute, Singapore.

Aug 2012 - Aug 2016 **PhD**, University of Amsterdam, Department of Psychological Methods, Amsterdam.
- Date of defense: April 5 2017

Sep 2010 - Aug 2012 **Master of Science**, University of Amsterdam, Research Master Psychology, Amsterdam.
- Graduated: August 2012 (cum laude)
- Specialization: Psychological Methods
- Minor: Computational Science (University of Amsterdam)

Sep 2007 - Aug 2010 **Bachelor of Science**, University of Amsterdam, Faculty of Psychology, Amsterdam.
- Graduated: July 2010 (cum laude)
- Specialization: Psychological Methods

Grants & Awards

Grants
- Urban Mental Health — Open Call (2019)
  - €387,041 to fund 4-year PhD project (Maarten van den Ende)
- NWO Veni Grant (2018)
  - €250,000 to fund 4-year research project
- NWO Research Talent Grant (2018)
  - €200,000 to fund 4-year PhD project (Julian Burger)
- NWO Research Talent Grant (2012)
  - €167,576 to fund 4-year PhD project (myself)

Awards
- APS Fellow (2025)
- APS Janet Taylor Spence Award for Transformative Early Career Contributions (2024)
- Junior Scientific Award of the Complex Systems Society (2019)
- IMPS Dissertation Prize (2018)
- Leamer-Rosenthal Prize (2017)
- IMPS Travel Award (2015)
- IOPS Best Paper Award (2017)

Editor Positions

- Associate editor
  - *Psychometrika* (2020 - 2022)
  - *Psychological Methods* (2021 - present)
  - *Multivariate Behavioral Research* (2022 - present)
  - *Behavior Research Methods* (2023 - present)
- Statistics, transparency, and rigor editor for *Psychological Science* (2023 - present)
- Textbook editor for *Taylor & Francis*
- Guest editor for the *European Journal of Personality* and the *European Journal of Psychological Assessment*
- Consulting editor for the *European Journal of Personality*

Reviewer

Addictive Behaviors; Advances in Methods and Practices in Psychological Science; advances.in/psychology; American Journal of Epidemiology; Animal Welfare; Annals of Behavioral Medicine; Behavior Research Methods; Behaviour Research and Therapy; British Journal of Educational Psychology; British Journal of Mathematical and Statistical Psychology; Clinical Psychological Science; Cognitive Therapy and Research; Depression and Anxiety; Development and Psychopathology; European Journal of Personality; European Journal of Psychological Assessment; Humanities and Social Sciences Communications; International Journal of Intercultural Relations; Journal of Abnormal Psychology; Journal of Child Psychology and Psychiatry; Journal of Clinical Psychology; Journal of Computational Science; Journal of Consulting and Clinical Psychology; Journal of Mathematical Psychology; Journal of Psychopathology and Clinical Science; Meta-Psychology; Methodology; Multivariate Behavioral Research; Nature Communications; Nature Genetics; PeerJ Life & Environment; Personality and Social Psychology Bulletin; PNAS; Psychological Medicine; Psychological Methods; Psychometrika; Psychosomatic Medicine; Schizophrenia Bulletin; Schizophrenia Bulletin Open; Scientific Reports

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Supervision (PhD / MSc)

Graduated PhD students	Julian Burger (University Medical Center Groningen; graduated cum laude), Ria Hoekstra (University of Amsterdam), Maarten van den Ende (University of Amsterdam)
Current PhD students	Alessandra Mansueto (University of Amsterdam), Adam Finneman (University of Amsterdam), Xinkai Du (University of Oslo), and Kong Yuwei (National University of Singapore).
Graduated MSc students	René Friechel, Edita Chvojkova, Adam Finneman, Myrthe Veenman, Iris de Vries, Fabio Melis, Alex Alvarez Pérez, Jill de Ron (recognized with the best master thesis award at the University of Amsterdam: Department of Psychology), Julian Burger (recognized with the best research master thesis award at the University of Amsterdam: Department of Psychology), Simon Stuber, Marie Deserno, and Jonathan Klaiber.

Presentations & Teaching Summary

		#	Location / Name
Talks	Keynote	6	27th IOPS Winter Conference (Tilburg), EMPG 2018 (Genova), IMPS 2018 (New York), ITC Colloquim 2021 (online), Third International Meeting of Psychometrics and Neuropsychological Evaluation (online), e-coaching for Health and Wellbeing conference (Amsterdam)
	Invited	37	APS 2014 (San Francisco), Bar-Ilan University (online), CCS 2019 (Singapore), Complex Networks 2019 Satellite: Social Good (Carcavelos), Complexity Sharing Session September 2019 (Singapore), EAPP / EAPA Expert Meeting (Edinburgh), FAINOR university (Vitoria da Conquista), NCPS 2019 (Utrecht), NTU Complexity Community Sharing Session (Singapore; x2), Nanyang Technological University (Singapore), National Chengchi University (Taipei), National University of Singapore (Singapore; x2), Online Seminar at the University of Louisville (online), Online seminar at the National University of Singapore (online), Penn State QuantDev Talk (online), Politie Data Science Meetup (online), Psychological Networks & Time-series models (Groningen), Psychosystems labmeeting (online), Quantitative Research Forum (online), Reflections on Replication (Utrecht), Rosalind Franklin University Colloquium (online), Stanford Sporadic Psychometrics Seminar (online), TNO (Soesterberg), The Ohio State University (Columbus), Tilburg Social Psychology Colloquium (Tilburg), University of Amsterdam (Amsterdam), University of Amsterdam PsyForum (online), University of California, Davis (Davis), University of Cambridge: Department of Developmental Psychiatry (Cambridge), University of Cambridge: MRC Cognition and Brain Sciences Unit (Cambridge), University of Edinburgh (Edinburgh), University of Milano-Bicocca (Milan), Università degli Studi di Milano-Bicocca (Milan), Virginia Commonwealth University (Richmond), Xomnia Xpert Session (Amsterdam)
	Contributed	31	APS 2018 (San Francisco; x2), APS 2024 (San Francisco; x2), Amsterdam R usergroup (Amsterdam), CCS 2016 (Amsterdam), CCS 2017 (Cancun), CCS 2018 (Thessaloniki), CCS 2019 (Singapore), CCS 2020 (online), Complexity Conference 2018: Complexities of Time (Singapore), ICPS 2015 (Amsterdam), ICPS 2019 (Paris), IMPS 2013 (Arnhem; x2), IMPS 2015 (Beijing), IMPS 2017 (Zurich), IMPS 2018 (New York), IOPS 2015 winter conference (Leiden), ITC 2012 (Amsterdam), Lustrumcongres (Utrecht), M3 (Storrs), Meeting of the Working Group SEM (Gent), Psychoco 2011 (Tuebingen), Psychoco 2014 (Tuebingen), SAA 2023 (Amsterdam), SIPS 2023 (Padova), Structural Equation Modeling: New Developments and Applications (Tilburg), UseR 2013 (Albacete), Virtual IMPS 2020 (online), Youtube (online)
Workshops	Hosted	14	Network Analysis (2020; EPP 2020; online), Professional Certificate in Network Psychometrics for Behavioral and Social Scientists I: Foundations, Theory, and Cross-sectional Data Analysis (2024, 2025; National University of Singapore; Singapore), Professional Certificate in Network Psychometrics for Behavioral and Social Scientists II: Longitudinal Data Modeling (2024, 2025; National University of Singapore; Singapore), Psychological Networks Amsterdam Summer School (2017, 2018, 2019, 2020; University of Amsterdam; Amsterdam/online), Psychological Networks Amsterdam Winter School (2018, 2019, 2020, 2021; University of Amsterdam; Amsterdam/online), Workshop on Network Psychometrics (2021; University of Bern; online)
	Invited	10	Introduction to Network Psychometric Analysis in Psychology (2023; Università Cattolica del Sacro Cuore; Milan), Network Analysis (2014; FAINOR University; Vitoria da Conquista), Network Psychometrics Workshop (2019, 2023; National Chengchi University/University of Surrey; Taipei/online), Network Psychometrics: Longitudinal Data Modeling (2025; University of Bern; Bern), Psychological network analysis: estimation, inference, and stability (2016; Utrecht University; Utrecht), Psychometric Network Modeling (2026; IMPS 2026; Seoul), Psychometric Network Modeling with the psychonetrics R Package (2024; The Ohio State University; Columbus), Psychometric network modeling with psychonetrics (2024; M3 2024; Storrs), Workshop Psychological Dynamics (2017; University of Zurich; Zurich)
Courses	Coordinator	27	Confirmatory Factor Analysis (2017, 2018, 2019, 2020, 2021, 2022), Data Science for Psychology (2023, 2024, 2025), Data Visualization (2018), Multivariate statistics 1 (2017), Multivariate statistics 2 (2017), Network Analysis (2013, 2014, 2016, 2017), Programming Skills R (2013, 2013), Research and Statistical Methods II (2024), Structural Equation Modeling (2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)
	Lecturer	32	Confirmatory Factor Analysis (2017, 2018, 2019, 2020, 2021, 2022), Data Science for Psychology (2023, 2024, 2025), Data Visualization (2018), Introduction to R (2014*), Multivariate statistics 1 (2017), Multivariate statistics 2 (2017), Network Analysis (2013, 2014, 2016, 2017, 2019*, 2020*), Networks in Psychology (2023*), Programming Skills R (2013, 2013), Research and Statistical Methods II (2024), Simulating Psychological Processes (2020*), Structural Equation Modeling (2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)

* Guest lecturer

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Courses (Coordinator & Lecturer)

Course	Year	Level	# Students	Evaluation (course)	Evaluation (teacher)
Programming Skills R	2013	MSc	20	7.6 / 10	7.6 / 10
Network Analysis	2013	BSc	20	7.9 / 10	7.9 / 10
Programming Skills R	2013	MSc	20	7.4 / 10	7.7 / 10
Network Analysis	2014	MSc	22	8.5 / 10	8.8 / 10
Network Analysis	2016	MSc	35	8.6 / 10	8.9 / 10
Multivariate statistics 1	2017	MSc	45	6.7 / 10	6.4 / 10
Multivariate statistics 2	2017	MSc	45	7.4 / 10	7 / 10
Confirmatory Factor Analysis	2017	MSc	25	7.5 / 10	7.7 / 10
Structural Equation Modeling	2017	MSc	19	8.3 / 10	8.2 / 10
Network Analysis	2017	MSc	31	8.8 / 10	8.8 / 10
Data Visualization	2018	MSc	16	8.2 / 10	8.5 / 10
Confirmatory Factor Analysis	2018	MSc	30	8.6 / 10	8.7 / 10
Structural Equation Modeling	2018	MSc	19	8.3 / 10	8.6 / 10
Confirmatory Factor Analysis	2019	MSc	43	8.5 / 10	8.8 / 10
Structural Equation Modeling	2019	MSc	30	8.4 / 10	8.7 / 10
Confirmatory Factor Analysis	2020	MSc	45	8.3 / 10	8.8 / 10
Structural Equation Modeling	2020	MSc	29	8.4 / 10	8.9 / 10
Confirmatory Factor Analysis	2021	MSc	36	8.1 / 10	8 / 10
Structural Equation Modeling	2021	MSc	29	8.2 / 10	8.4 / 10
Confirmatory Factor Analysis	2022	MSc	51	4.1 / 5	4.0 / 5
Structural Equation Modeling	2022	MSc	36	3.8 / 5	4.1 / 5
Structural Equation Modeling	2023	MSc/PhD	15	4.4 / 5	4.6 / 5
Data Science for Psychology	2023	Bsc	56	4.4 / 5	4.6 / 5
Structural Equation Modeling	2024	MSc/PhD	14	4.6 / 5	4.7 / 5
Data Science for Psychology	2024	Bsc	24	4.1 / 5	4.4 / 5
Research and Statistical Methods II	2024	Bsc	180	3.5 / 5	3.9 / 5
Data Science for Psychology	2025	Bsc	40	4.3 / 5	4.7 / 5

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Publication Summary

	#	Impact	Journals	Total citations (including unpublished work): 52,861, h-index: 62, $i10$ index: 104
Main/Single	18	Citations: 19,733 (median: 467.5) Journal IF: 2.5 - 60.5 (median: 4.6)	Addictive Behaviors, Advances In Methods and Practices in Psychological Science, Behavior Research Methods, Clinical Psychological Science, Journal of Research in Personality, Journal of Statistical Software, Multivariate Behavioral Research (2), PLoS One, Psychological Methods, Psychometrika (3), Structural Equation Modeling, World Psychiatry	
Senior	20	Citations: 2,742 (median: 50.5) Journal IF: 2.4 - 7.6 (median: 4.8)	Alcohol: Clinical and Experimental Research, BMC Medicine, Behavior Research Methods, Behaviour Research and Therapy, Clinical Psychological Science, International Journal of Methods in Psychiatric Research, Journal of Intelligence, Journal of School Psychology, Multivariate Behavioral Research, PLoS One, Psychological Medicine, Psychological Methods (4), advances.in/psychology	
Co-author	69	Citations: 29,380 (median: 61) Journal IF: 1.1 - 60.5 (median: 4.6)	Addictive Behaviors, Assessment, Behavior Research Methods (2), Behaviour Research and Therapy, Clinical Psychological Science, Cognitive Therapy and Research, Depression and Anxiety, ECIS 2015 Research-in-Progress Papers, European Journal of Personality, European Journal of Psychotraumatology, International Journal of Eating Disorders, International Journal of Methods in Psychiatric Research (2), JAMA psychiatry, Journal of Abnormal Psychology (4), Journal of Affective Disorders (3), Journal of Computational Science, Journal of Psychopathology and Clinical Science, Journal of Psychosomatic Research, Journal of Research in Personality, Journal of Statistical Software, Journal of clinical epidemiology, Learning Environments Research, Multivariate Behavioral Research (6), Nature Mental Health, Nature Reviews Methods Primers (2), New Ideas in Psychology, PLoS One, Personality and Individual Differences, Perspectives on Psychological Science, Psych, Psychological Assessment, Psychological Medicine (4), Psychological Methods (3), Psychological Trauma: Theory, Research, Practice, and Policy, Psychonomic Bulletin & Review (2), Psychotherapy and Psychosomatics, Quality of Life Research, Schizophrenia Bulletin, Scholarship of Teaching and Learning in Psychology, Science, Science Advances, Scientific Reports (3), The British Journal of Psychiatry, Theory and Psychology, World Psychiatry	

Edited Books

Isvoranu, A.M., **Epskamp, S.**, Waldorp, L.J., & Borsboom, D. (Eds.). (2022). *Network Psychometrics with R: A Guide for Behaviorial and Social Scientists.* Routledge, Taylor & Francis Group. ⟨**citations: 210**⟩

Published & In Press Journal Articles

Main/single Author

Epskamp, S., Borsboom, D. & Fried, E. I. (2017). Estimating psychological networks and their accuracy: A tutorial paper. *Behavior Research Methods 50*(1), 195–212. https://doi.org/10.3758/s13428-017-0862-1 ⟨**citations: 5,445; Journal IF: 4.6**⟩

Epskamp, S., Cramer, A. O. J., Waldorp, L. J., Schmittmann, V. D. & Borsboom, D. (2012). qgraph: Network visualizations of relationships in psychometric data. *Journal of Statistical Software 48*(1), 1–18. https://doi.org/10.18637/jss.v048.i04 ⟨**citations: 4,952; Journal IF: 5.4**⟩

Epskamp, S. & Fried, Eiko I. (2018). A tutorial on regularized partial correlation networks. ***Psychological Methods*** *23*(4), 617–634. https://doi.org/10.1037/met0000167 ⟨**citations: 2,956; Journal IF: 7.6**⟩

Epskamp, S., Waldorp, L. J., Mõttus, R., & Borsboom, D. (2018). The Gaussian graphical model in cross-sectional and time-series data. *Multivariate Behavioral Research 53*(4), 453–480. https://doi.org/10.1080/00273171.2018.1454823 ⟨**citations: 1,330; Journal IF: 5.3**⟩

Costantini, G., **Epskamp, S.** (shared main authorship), Borsboom, D., Perugini, M., Mõttus, R., Waldorp, L. J., & Cramer, A. O. (2015). State of the art personality research: A tutorial on network analysis of personality data in R. *Journal of Research in Personality 54*, 13–29. https://doi.org/10.1016/j.jrp.2014.07.003 ⟨**citations: 1,188; Journal IF: 2.6**⟩

Epskamp, S. (2015). semPlot: Unified visualizations of structural equation models. Structural equation modeling. *Structural Equation Modeling 22*(3), 474–483. http://dx.doi.org/10.1080/10705511.2014.937847 ⟨**citations: 1,012; Journal IF: 2.5**⟩

Epskamp, S., Rhemtulla, M. T., & Borsboom, D. (2017). Generalized network psychometrics: Combining network and latent variable models. *Psychometrika 82*(4), 904–927. https://doi.org/10.1007/s11336-017-9557-x ⟨**citations: 747; Journal IF: 2.9**⟩

Epskamp, S., van Borkulo, C. D., van der Veen, D. C., Servaas, M. N., Isvoranu, A. M., Riese, H. & Angelique O. J. Cramer. (2018). Personalized network modeling in psychopathology: The importance of contemporaneous and temporal connections. *Clinical Psychological Science 6*(3), 416–427. https://doi.org/10.1177/2167702617744325 ⟨**citations: 534; Journal IF: 4.8**⟩

Epskamp, S. (2020). Psychometric network models from time-series and panel data. *Psychometrika 85*(1), 206–231. https://doi.org/10.1007/s11336-020-09697-3 ⟨**citations: 401; Journal IF: 2.9**⟩

Epskamp, S., Kruis, J., & Marsman, M. (2017). Estimating psychopathological networks: Be careful what you wish for. *PLoS One 12*(6), e0179891. https://doi.org/10.1371/journal.pone.0179891 ⟨**citations: 366; Journal IF: 2.9**⟩

Epskamp, S. Isvoranu, A-M. & Cheung, W. -L. (2022). Meta-analytic Gaussian network aggregation. *Psychometrika 87*, 12–46. https://doi.org/10.1007/s11336-021-09764-3 ⟨**citations: 73; Journal IF: 2.9**⟩

Epskamp, S. (2019). Reproducibility and replicability in a fast-paced methodological world. *Advances In Methods and Practices in Psychological Science 2*(2), 145–155. https://doi.org/10.1177%2F2515245919847421 ⟨**citations: 67; Journal IF: 15.6**⟩

Epskamp, S., & Isvoranu, A. M. (2022). New trends in network modeling of psychopathology. *World Psychiatry 21*(3), 463–464. https://doi.org/10.1002/wps.21017 ⟨**citations: 34; Journal IF: 60.5**⟩

Epskamp, S., Fried, E. I., van Borkulo, C. D., Robinaugh, D. J., Marsman, M., Dalege, J., Rhemtulla, M., & Cramer, A. O. J. (2021). Investigating the utility of fixed-margin sampling in network psychometrics. *Multivariate Behavioral Research 56*(2), 314–328. https://doi.org/10.1080/00273171.2018.1489771 ⟨**citations: 26; Journal IF: 5.3**⟩

Epskamp, S., Van der Maas, H. L. J., Peterson, R. E., van Loo, H. M., Aggen, S. H., & Kendler, K. S. (2022). Intermediate stable states in substance use. *Addictive Behaviors 129*, 107252. https://doi.org/10.1016/j.addbeh.2022.107252 ⟨**citations: 17; Journal IF: 3.7**⟩

Senior Author

Golino, H. F. & **Epskamp, S.** (2017). Exploratory graph analysis: A new approach for estimating the number of dimensions in psychological research. *PLoS One 12*(6), e0174035. https://doi.org/10.1371/journal.pone.0174035 ⟨**citations: 1,203; Journal IF: 2.9**⟩

Isvoranu, A. M. & **Epskamp, S.** (2023). Which estimation method to choose in network psychometrics? Deriving guidelines for applied researchers. ***Psychological Methods*** *28*(4), 925–946. https://doi.org/10.1037/met0000439 ⟨**citations: 397; Journal IF: 7.6**⟩

Fried, E. I., Papanikolaou, F., & **Epskamp, S.** (2022). Mental health and social contact during the COVID-19 pandemic: An ecological momentary assessment study. *Clinical Psychological Science 10*(2), 340–354. https://doi.org/10.1177%2F21677026211017839 ⟨**citations: 255; Journal IF: 4.8**⟩

Mansueto, A. C., Wiers, R. W., Van Weert, J. C. M., Schouten, B. C., & **Epskamp, S.** (2023). Investigating the feasibility of idiographic network models. ***Psychological Methods*** *28*(5), 1052–1068. https://psycnet.apa.org/doi/10.1037/met0000466 ⟨**citations: 173; Journal IF: 7.6**⟩

De Ron, J., Fried, E. I. & **Epskamp, S.** (2021). Psychological networks in clinical populations: Investigating the consequences of Berkson's bias. *Psychological Medicine 51*(1), 168–176. https://doi.org/10.1017/S0033291719003209 ⟨**citations: 147; Journal IF: 5.9**⟩

Burger, J., Van der Veen, D. C., Robinaugh, D., Quax, R., Riese, H., Schoevers, R. A. & **Epskamp, S.** (2020). Bridging the gap between complexity science and clinical practice by formalizing idiographic theories: A computational model of functional analysis. *BMC Medicine 18*(1), 1–18. https://doi.org/10.1186/s12916-020-01558-1 ⟨**citations: 120; Journal IF: 7**⟩

Kan, K-J., de Jonge, H., van der Maas, H. L. J., Levine, S. Z., & **Epskamp, S.** (2020). How to compare psychometric factor and network models. *Journal of Intelligence 8*(4), 35. https://doi.org/10.3390/jintelligence8040035 ⟨**citations: 109; Journal IF: 2.8**⟩

Abacioglu, C. S., Isvoranu, A. M., Verkuyten, M., Thijs, J. & **Epskamp, S.** (2019). Exploring multicultural classroom dynamics: A network analysis. *Journal of School Psychology 74*, 90–105. https://doi.org/10.1016/j.jsp.2019.02.003 ⟨**citations: 76; Journal IF: 3.8**⟩

Fried, E. I., Van Borkulo, C. D. & **Epskamp, S.** (2021). On the importance of estimating parameter uncertainty in network psychometrics: A response to Forbes et al. (2019). *Multivariate Behavioral Research 56*(2), 243–248. https://doi.org/10.1080/00273171.2020.1746903 ⟨**citations: 51; Journal IF: 5.3**⟩

de Ron, J., Robinaugh, D. J., Fried, E. I., Pedrelli, P., Jain, F. A., Mischoulon, D., & **Epskamp, S.** (2022). Quantifying and addressing the impact of measurement error in network models. *Behaviour Research and Therapy 157*, 104163. https://doi.org/10.1016/j.brat.2022.104163 ⟨**citations: 50; Journal IF: 4.2**⟩

Koelen, J. A., Mansueto, A. C., Finnemann, A., de Koning, L., an der Heijde, C. M., Vonk, P., Wolters, N. E., Klein, A., **Epskamp, S.**, & Wiers, R. W. (2021). COVID-19 and mental health among at-risk university students: A prospective study into risk and protective factors. *International Journal of Methods in Psychiatric Research 31*(1), e1901. https://doi.org/10.1002/mpr.1901 ⟨**citations: 44; Journal IF: 2.4**⟩

Du, X., Skjerdingstad, S., Freichel, R., Ebrahimi, O. V., Hoekstra, R. H. A., & **Epskamp, S.** (2025). Moving from exploratory to confirmatory network analysis: An evaluation of SEM fit indices and cutoff values in network psychometrics. ***Psychological Methods***. https://doi.org/10.1037/met0000760 ⟨**citations: 14**⟩

Haslbeck, J., & **Epskamp, S.** (2024). Observed correlations between person-means depend on within-person correlations. *advances.in/psychology 2*(e853425). https://doi.org/10.56296/aip00020 ⟨**citations: 4**⟩

Boot, J., de Ron, J., Haslbeck, J., & **Epskamp, S.** (2025). Correcting for selection bias after conditioning on a sum score in the Ising model. *Behavior Research Methods 57*(12), 341. https://osf.io/preprints/osf/xq8ur

van den Ende, M. W. J., Freichel, R., van der Maas, H. L. J., Wiers, R. W., & **Epskamp, S.** (2025). Societal spirits in the silver streak: Unraveling complexity in drinking habits of the mature adult population. *Alcohol: Clinical and Experimental Research 49*, 217–225. https://doi.org/10.1111/acer.15486

Du, X., Johnson, S. U., & **Epskamp, S.** (2026). The Invariance Partial Pruning Approach to The Network Comparison in Time-Series and Panel Data. ***Psychological Methods***. https://doi.org/10.1037/met0000824

Co-author

Open Science Collaboration (2015). Estimating the reproducibility of psychological science. *Science 349*(6251), aac4716. http://doi.org/10.1126/science.aac4716 ⟨**citations: 11,209; Journal IF: 44.7**⟩

Wagenmakers, E. J., ... **Epskamp, S.**, ... Morey, R. D. (2017). Bayesian inference for psychology. Part I: Theoretical advantages and practical ramifications. *Psychonomic Bulletin & Review 25*(1), 35–57. https://doi.org/10.3758/s13423-017-1343-3 ⟨**citations: 2,046; Journal IF: 3.2**⟩

Wagenmakers, E. J., ... **Epskamp, S.**, ... Morey, R. D. (2017). Bayesian inference for psychology. Part II: Example applications with JASP. *Psychonomic Bulletin & Review 25*(1), 58–76. https://doi.org/10.3758/s13423-017-1323-7 ⟨**citations: 1,923; Journal IF: 3.2**⟩

Borsboom, D., ... **Epskamp, S.**, ... Waldorp, L. J. (2021). Network analysis of multivariate data in psychological science. *Nature Reviews Methods Primers 1*, 58. https://doi.org/10.1038/s43586-021-00055-w ⟨**citations: 1,409; Journal IF: 50.1**⟩

Bringmann, L. F., Elmer, T., **Epskamp, S.**, Krause, R. W., Schoch, D., Wichers, M., Wigman, J. T. W. & Snippe, E. (2019). What do centrality measures measure in psychological networks?. *Journal of Abnormal Psychology 128*(8), 892–903. https://doi.org/10.1037/abn0000446 ⟨**citations: 1,296; Journal IF: 3.1**⟩

Love, J., ... **Epskamp, S.**, ... Wagenmakers, E. -J. (2019). JASP: Graphical statistical software for common statistical designs. *Journal of Statistical Software 88*(1), 1–17. http://dx.doi.org/10.18637/jss.v088.i02 ⟨**citations: 1,155; Journal IF: 5.4**⟩

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Belli, S. R., Tichelaar, M., **Epskamp, S.**, Ebrahimi, O. V., & O'Driscoll, C. (NA). A systematic review and meta-analytic Gaussian network aggregation of anxious symptoms. *NA*.

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Hoekstra, R. H. A., de Ron, J., **Epskamp, S.**, Robinaugh, D., & Borsboom, D. (2024). Mapping the dynamics of idiographic network models to the network theory of psychopathology using stability landscapes. *PsyArxiv*. `https://osf.io/9sguw` ⟨**citations: 10**⟩

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Presentations

Keynotes

New Developments and Future Directions in Network Psychometrics. *27th IOPS Winter Conference*. 2017, Tilburg, The Netherlands.

Personalized Network Analysis.. *e-coaching for Health and Wellbeing conference*. 2017, Amsterdam, The Netherlands.

Network Modeling of Psychological Processes: from exploration to theory formation. *EMPG 2018*. 2018, Genova, Italy.

Network Psychometrics: Current State and Future Directions. *IMPS 2018*. 2018, New York, New York.

Network Psychometrics: Current State and Future Directions. *ITC Colloquim 2021*. 2021, online.

Network Psychometrics: Recent Developments and Future Directions. *Third International Meeting of Psychometrics and Neuropsychological Evaluation*. 2023, online.

Invited Talks

Network Analysis for Psychologists, using qgraph in R. *APS 2014*. 2014, San Francisco, California.

Network Analysis: Uma abordagem integradora para pesquisa e tratamento em psicopatologia. *FAINOR university*. 2014, Vitoria da Conquista, Bahia (Brazil).

Network Analysis: Applications of networks in Psychology and beyond. *TNO*. 2014, Soesterberg, The Netherlands.

Complexity in Psychology. *NTU Complexity Community Sharing Session*. 2015, Singapore, Singapore.

The Dynamics of Psychology. *National University of Singapore*. 2015, Singapore, Singapore.

New developments in Network Psychometrics. *University of Edinburgh*. 2015, Edinburgh, Schotland.

Intra-individual Dynamics in Psychology. *NTU Complexity Community Sharing Session*. 2016, Singapore, Singapore.

Discovering Psychological Dynamics In cross-sectional and Time-series data. *University of California, Davis*. 2016, Davis, California.

Discovering Psychological Dynamics In cross-sectional and Time-series data. *University of Cambridge: Department of Developmental Psychiatry*. 2016, Cambridge, England.

Discovering Psychological Dynamics In cross-sectional and Time-series data. *University of Cambridge: MRC Cognition and Brain Sciences Unit*. 2016, Cambridge, England.

Discovering Psychological Dynamics: The Gaussian Graphical Model in Cross-sectional and Time-series data. *University of Milano-Bicocca*. 2016, Milan, Italy.

Discovering Psychological Dynamics. *Tilburg Social Psychology Colloquium*. 2017, Tilburg, The Netherlands.

Discovering Psychological Dynamics. *Xomnia Xpert Session*. 2017, Amsterdam, The Netherlands.

No Paradoxes: Interpreting Within- and Between-subject Network Structures. *EAPP / EAPA Expert Meeting*. 2018, Edinburgh, Schotland.

No Paradoxes: Interpreting Within- and Between-subject Network Structures. *Psychological Networks & Time-series models*. 2018, Groningen, The Netherlands.

Reproducibility and Replicability in a Fast-paced Methodological World. *Reflections on Replication*. 2018, Utrecht, The Netherlands.

Psychological complexity: From exploration to theory formation. *Virginia Commonwealth University*. 2018, Richmond, Virginia.

Complexities of mental health: towards the use of network models. *CCS 2019*. 2019, Singapore, Singapore.

Network Models of Mental Health. *Complex Networks 2019 Satellite: Social Good*. 2019, Carcavelos, Portugal.

Complexities of mental health: Towards the use of network models in therapy. *Complexity Sharing Session September 2019*. 2019, Singapore, Singapore.

Complexity in Clinical Practice. How can network models be used to aid therapists? *NCPS 2019*. 2019, Utrecht, The Netherlands.

Network Psychometrics: Current State and Future Directions. *National Chengchi University*. 2019, Taipei, Taiwan.

An Introduction to Network Psychometrics. With Applications to COVID-19 Related Datasts. *University of Amsterdam PsyForum*. 2020, online.

The Network Perspective of Psychology: From Exploration to Theory Formation. *Online Seminar at the University of Louisville*. 2021, online.

The Network Perspective of Psychology: From Exploration to Theory Formation. *Online seminar at the National University of Singapore*. 2021, online.

Psychonetrics: an R package for (dynamic) Structural Equation Modeling and Network Psychometrics. *Penn State QuantDev Talk*. 2021, online.

Netwerken van Intra- en Inter-individuele Processen. *Politie Data Science Meetup*. 2021, online.

Psychonetrics: an R package for (dynamic) Structural Equation Modeling and Network Psychometrics. *Psychosystems labmeeting*. 2021, online.

Psychonetrics: an R package for (dynamic) Structural Equation Modeling and Network Psychometrics. *Quantitative Research Forum*. 2022, online.

Psychonetrics: an R package for (dynamic) Structural Equation Modeling and Network Psychometrics. *Rosalind Franklin University Colloquium*. 2022, online.

The Network Perspective of Psychology: From Exploration to Theory Formation. *Bar-Ilan University*. 2023, online.

NUS Psychological Methods: Foundations and Goals. *National University of Singapore*. 2023, Singapore, Singapore.

Putting psychometrics back in Network Psychometrics: empirical applications of the psychonetrics software package. *University of Amsterdam*. 2023, Amsterdam, The Netherlands.

The Network Perspective of Psychology: From Complex Systems to Psychometrics. *Università degli Studi di Milano-Bicocca*. 2023, Milan, Italy.

An Introduction to Network Psychometrics. *The Ohio State University*. 2024, Columbus, Ohio.

An Introduction to Network Psychometrics. *Nanyang Technological University*. 2025, Singapore, Singapore.
An Introduction to Network Psychometrics. *Stanford Sporadic Psychometrics Seminar*. 2025, online.

Contributed Talks

The qgraph package for network visualizations of psychometric data. *Amsterdam R usergroup*. 2011, Amsterdam, The Netherlands.
The qgraph package for network visualizations of psychometric data. *Psychoco 2011*. 2011, Tuebingen, Germany.
Applications of visualizing test data through networks. *ITC 2012*. 2012, Amsterdam, The Netherlands.
Estimation of (Logistic) Vector-autoregression Models, Using generalized linear modelling. *IMPS 2013*. 2013, Arnhem, The Netherlands.
Network Visualizations of Relationships in Psychometric Data and Structural Equation Models, Using the qgraph package for R. *IMPS 2013*. 2013, Arnhem, The Netherlands.
Workshop Netwerken in de psychopathologie. *Lustrumcongres*. 2013, Utrecht, The Netherlands.
Network Visualizations of Statistical Relationships and Structural Equation Models. *UseR 2013*. 2013, Albacete, Spain.
semPlot: Unified visualizations of Structural Equation Models. *M3*. 2014, Storrs, Connecticut.
semPlot: Unified visualizations of Structural Equation Models. *Psychoco 2014*. 2014, Tuebingen, Germany.
Applied network analysis in Clinical Practice. *ICPS 2015*. 2015, Amsterdam, The Netherlands.
Residual Interaction Modeling. *IMPS 2015*. 2015, Beijing, China.
Generalized Network Analysis: Combining Network and Latent Variable Models. *IOPS 2015 winter conference*. 2015, Leiden, The Netherlands.
Discovering Psychological Dynamics in Time-Series Data. *CCS 2016*. 2016, Amsterdam, The Netherlands.
Psychological Complexity: New Directions in Dynamical Systems Modeling. *CCS 2017*. 2017, Cancun, Yucatan (Mexico).
Generalized Network Psychometrics Combining Network And Latent Variable Models. *IMPS 2017*. 2017, Zurich, Switzerland.
Generalized Network Psychometrics: Combining Network and Latent Variable Models. *Meeting of the Working Group SEM*. 2017, Gent, Belgium.
Intra-individual Networks and Latent Variable Models. *APS 2018*. 2018, San Francisco, California.
Personalized Networks in Clinical Practice: Recent developments, Challenges and Future Directions. *APS 2018*. 2018, San Francisco, California.
Intermediate stable states in substance use: can allowing use prevent abuse? *CCS 2018*. 2018, Thessaloniki, Greece.
Measuring a person over time: Complexity in the study of psychological dynamics. *Complexity Conference 2018: Complexities of Time*. 2018, Singapore, Singapore.
Network-based Adaptive Assessment. *IMPS 2018*. 2018, New York, New York.
Networks Within Networks: From Psychological Dynamics to Social Phenomena. *CCS 2019*. 2019, Singapore, Singapore.
Network Psychometrics: Phase 2. *ICPS 2019*. 2019, Paris, France.
Psychological Network Analysis of COVID-19 Related Datasets. *CCS 2020*. 2020, online.
Introducing psychonetrics, an R package for structural equation modelling and network psychometrics. *Virtual IMPS 2020*. 2020, online.
Within- and between subject designs: differences between types of data and types of analysis.. *Youtube*. 2020, online.
Psychonetrics: an R package for (dynamic) Structural Equation Modeling and Network Psychometrics. *Structural Equation Modeling: New Developments and Applications*. 2022, Tilburg, The Netherlands.
Advances in Ideographic Psychometric Network Modeling of Ecological Momentary Assessment Data. *SAA 2023*. 2023, Amsterdam, The Netherlands.
Using SEM fit indices for confirmatory network psychometrics in replication datasets. *SIPS 2023*. 2023, Padova, Italy.
Heterogeneity or sampling variation? *APS 2024*. 2024, San Francisco, California.
Psychometric Network Modeling of Panel Data Using the panelGVAR Framework. *APS 2024*. 2024, San Francisco, California.

Workshops

Invited Workshops

Network Analysis. *FAINOR University*. 2014, Vitoria da Conquista, Bahia (Brazil).
Psychological network analysis: estimation, inference, and stability. *Utrecht University*. 2016, Utrecht, The Netherlands.
Workshop Psychological Dynamics. *University of Zurich*. 2017, Zurich, Switzerland.
Network Psychometrics Workshop. *National Chengchi University*. 2019, Taipei, Taiwan.
Network Psychometrics Workshop. *University of Surrey*. 2023, online.
Introduction to Network Psychometric Analysis in Psychology. *Università Cattolica del Sacro Cuore*. 2023, Milan, Italy.
Psychometric network modeling with psychonetrics. *M3 2024*. 2024, Storrs, Connecticut.
Psychometric Network Modeling with the psychonetrics R Package. *The Ohio State University*. 2024, Columbus, Ohio.
Network Psychometrics: Longitudinal Data Modeling. *University of Bern*. 2025, Bern, Switzerland.
Psychometric Network Modeling. *IMPS 2026*. 2026, Seoul, Republic of Korea.

Hosted Workshops

Psychological Networks Amsterdam Summer School. *University of Amsterdam*. 2017, Amsterdam, The Netherlands.
Psychological Networks Amsterdam Summer School. *University of Amsterdam*. 2018, Amsterdam, The Netherlands.
Psychological Networks Amsterdam Winter School. *University of Amsterdam*. 2018, Amsterdam, The Netherlands.
Psychological Networks Amsterdam Summer School. *University of Amsterdam*. 2019, Amsterdam, The Netherlands.

Psychological Networks Amsterdam Winter School. *University of Amsterdam*. 2019, Amsterdam, The Netherlands.
Network Analysis. *EPP 2020*. 2020, online.
Psychological Networks Amsterdam Summer School. *University of Amsterdam*. 2020, online.
Psychological Networks Amsterdam Winter School. *University of Amsterdam*. 2020, Amsterdam, The Netherlands.
Psychological Networks Amsterdam Winter School. *University of Amsterdam*. 2021, online.
Workshop on Network Psychometrics. *University of Bern*. 2021, online.
Professional Certificate in Network Psychometrics for Behavioral and Social Scientists I: Foundations, Theory, and Cross-sectional Data Analysis. *National University of Singapore*. 2024, Singapore, Singapore.
Professional Certificate in Network Psychometrics for Behavioral and Social Scientists II: Longitudinal Data Modeling. *National University of Singapore*. 2024, Singapore, Singapore.
Professional Certificate in Network Psychometrics for Behavioral and Social Scientists I: Foundations, Theory, and Cross-sectional Data Analysis. *National University of Singapore*. 2025, Singapore, Singapore.
Professional Certificate in Network Psychometrics for Behavioral and Social Scientists II: Longitudinal Data Modeling. *National University of Singapore*. 2025, Singapore, Singapore.

Software

Main Author & Maintainer

qgraph (`https://cran.r-project.org/package=qgraph`): Network drawing, construction and estimation and network-based data visualization.
Invariance Partial Pruning Test (`https://cran.r-project.org/package=semPlot`): Path diagrams and visual analysis of various SEM packages' output.
IsingSampler (`https://cran.r-project.org/package=IsingSampler`): Sampling methods and distribution functions for the Ising model.
lisrelToR (`https://cran.r-project.org/package=lisrelToR`): Import output from LISREL into R.
graphicalVAR (`https://cran.r-project.org/package=graphicalVAR`): Estimate temporal and contemporaneous effects on N=1 longitudinal data.
mlVAR (`https://cran.r-project.org/package=mlVAR`): Multi-level vector autoregression.
bootnet (`https://cran.r-project.org/package=bootnet`): General robustness tests and plots for network models.
elasticIsing (`https://cran.r-project.org/package=elasticIsing`): Ising model estimation using elastic net regularization.
lvnet (`https://cran.r-project.org/package=lvnet`): Latent variable network modeling.
psychonetrics (`http://psychonetrics.org/`): Structural Equation modeling and confirmatory network modeling.
parSim (`https://cran.r-project.org/package=parSim`): Perform flexible simulation studies using one or multiple computer cores.

Collaborator

IsingFit (`https://cran.r-project.org/package=IsingFit`): Fitting Ising models using the eLasso method.
statcheck (`https://cran.r-project.org/package=statcheck`): Extract statistics from articles and recompute p values..
JASP (`https://jasp-stats.org/`): Graphical open-source statistical software suite.
IVPP (`https://cran.r-project.org/web/packages/IVPP/index.html`): Invariance Partial Pruning Test (supervisor).
INIT (`https://github.com/RiaHoekstra/INIT`): Individual Network Invariance Test (supervisor).

Online References

- Personal website: **sachaepskamp.com**
- Google Scholar: **scholar.google.com/citations?user=fQpiw-sAAAAJ**
- Github: **github.com/SachaEpskamp**

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