

Jingmeng Cui

Email: jingmeng.cui@rug.nl | Website: <https://jingmeng-cui.netlify.app/>

EDUCATION

- 2021-Present **Ph.D., Nieuwenhuis Institute for Educational Research, Faculty of Behavioural and Social Sciences**
University of Groningen, Groningen, the Netherlands
- 2019-2021 **MSc. Behavioural Science (research), cum laude**
Radboud University, Nijmegen, the Netherlands
- 2015-2019 **BSc. Material Chemistry, BSc. Psychology**
Peking University, Beijing, China

PUBLICATIONS & SOFTWARE

Preprints

- Cui, J.***, Lunansky, G.*, Lichtwarck-Aschoff, A., Mendoza, N., & Hasselman, F. (2023). *Quantifying the stability landscapes of psychological networks* [preprint]. <https://doi.org/10.31234/osf.io/nd8zc>
- Cui, J.**, Hasselman, F., Olthof, M., & Lichtwarck-Aschoff, A. (2022). *Illuminating the path: Examining the research methods of early warning signals in clinical psychology through a theoretical lens* [preprint]. <https://doi.org/10.31234/osf.io/59fu4>

Peer-reviewed papers

- Cui, J.**, Hasselman, F., & Lichtwarck-Aschoff, A. (in press). Unlocking nonlinear dynamics and multistability from intensive longitudinal data: A novel method. *Psychological Methods*. <https://doi.org/10.1037/met0000623>
- Cui, J.**, Lichtwarck-Aschoff, A., Olthof, M., Li, T., & Hasselman, F. (2023). From metaphor to computation: Constructing the potential landscape for multivariate psychological formal models. *Multivariate Behavioral Research*, 58(4), 743–761. <https://doi.org/10.1080/00273171.2022.2119927>
- He, J., Zheng, X., Liu, M., Du, Y., Liu, G., **Cui, J.**, & Su, Y. (2022). Reciprocity in college teaching: A big data study based on online student evaluation of 919,750 professors. *Assessment and Evaluation in Higher Education*, 47(8), 1401-1415. <https://doi.org/10.1080/02602938.2022.2067980>
- Cui, J.**, Pei, M., & Su, Y. (2022). Gender-related friend preferences of youths with different sexual orientations: The effects of gender role and sexual attraction. *Psychology & Sexuality*, 13(2), 265–282. <https://doi.org/10.1080/19419899.2020.1734066>

* Those authors contributed equally.

Software

R packages at CRAN: simlandr, SparseVFC, fitlandr, Isinglandr

- Vignette for simlandr: **Cui, J.**, Olthof, M., Lichtwarck-Aschoff, A., Li, T., & Hasselman, F. (2021). simlandr: Simulation-based landscape construction for dynamical systems [preprint]. <https://doi.org/10.31234/osf.io/pzva3>

CONFERENCE PRESENTATIONS

Slides & posters: <https://osf.io/7m96t/>

- 2023 **SAA Conference 2023, Amsterdam, the Netherlands**
Towards a method to recover nonlinear dynamics and multistability from intensive longitudinal data [symposium presentation]. Part of the symposium “*Embracing the complexity of daily life: Methodological advances to capture dynamics in time-series data*”.
- 2023 **International Convention of Psychological Science 2023, Brussels, Belgium**
Common practices in detecting psychological early warning signals may lead to incorrect results [symposium presentation]. Part of the symposium “*Promises and Challenges in Early Warning Signal Research*”.
From metaphor to computation: Constructing the potential landscape for the dynamics of panic disorder [poster presentation].
- 2022 **ESM Network Meeting 2022, Leuven, Belgium**
Common practices in detecting psychological early warning signals may lead to incorrect results [poster presentation].
- 2021 **Conference on Complex Systems 2021, Lyon, France**
simlandr: Potential landscape methods for psychological formal models [oral presentation].
- 2020 **Conference on Complex Systems 2020, online**
From metaphor to computation: Constructing the potential landscape for the dynamics of panic disorder [oral presentation].

TEACHING, SUPERVISION, & ORGANIZATION

2023-2024

Lecturer for *Statistics 1b* (BSc. Psychology, University of Groningen).

Coordinator for the Complex System Group (Radboud University & University of Groningen).

Supervision for 1 Master’s thesis, MSc. Biology, University of Groningen.

2022-2023

Guest lecturer for *Complexity Methods for Behavioural Sciences* (Radboud Summer school 2022 & MscRes. Behavioural Sciences, Radboud University).

Teaching assistant for *Applied Statistics* (MscRes. Behavioural and Social Sciences, University of Groningen).

Coordinator for the Complex System Group (Radboud University & University of Groningen).

2021-2022

Guest lecturer for *Complexity Methods for Behavioural Sciences* (Radboud Summer school 2021 & MscRes. Behavioural Sciences, Radboud University).

Teaching assistant for *Applied Statistics* (MscRes. Behavioural and Social Sciences, University of Groningen).

Supervision for 1 Bachelor’s honor program, BSc. Psychology, University of Groningen.

Coordinator for the Complex System Group (Radboud University & University of Groningen) since February 2022.

HONORS & AWARDS

- | | |
|-----------|---|
| 2022 | Second Prize Winner, Best Thesis Award 2022
<i>Behavioural Science Institute, Radboud University, Nijmegen, the Netherlands</i> |
| 2019 | Excellent Graduate
<i>Beijing Municipal Commission of Education, Beijing, China</i> |
| 2019 | Excellent Graduate
<i>Peking University, Beijing, China</i> |
| 2019 | Excellent Program Prize
<i>Undergraduate Research Training Program, Peking University, Beijing, China</i> |
| 2016-2018 | Merit Student Pacesetter (3 times)
<i>Peking University, Beijing, China</i> |
| 2016-2019 | Tang Lixin Scholarship
<i>Peking University, Beijing, China</i> |
| 2015 | The Third Prize of Freshman Scholarship
<i>Peking University, Beijing, China</i> |

Last updated: 11/12/2023