

## STEFAN VERMEENT

I am a PhD Candidate at Utrecht University (developmental psychology) focused on how experiencing early-life adversity shapes cognitive abilities. I enjoy developing workflows and (R) functionality to help implement the best open science practices.



## EDUCATION

Current  
|  
2021

- PhD Candidate, Developmental Psychology

Utrecht University

2018  
|  
2016

● **Research MSc. Social and Health Psychology**  
Cum Laude

Utrecht University

2016  
|  
2013

**BSc. Psychology**  
With Honours

Utrecht University

## RESEARCH EXPERIENCE

Current  
|  
2021

- PhD Candidate, Developmental Psychology

 Utrecht University

📍 Max Planck Institute for the Study of Crime, Security, & Law, Freiburg

**Supervision:** Drs. Willem Frankenhuys, Jean-Louis van Gelder, & Ethan Young

2018  
|  
2016

- Graduate Research Assistant

 Utrecht University

2015  
|  
2014

- Undergraduate research internship

Utrecht University

## INDUSTRY EXPERIENCE

2020  
|  
2018

● Junior Researcher, Digital Cognitive Dx venture at Philips

Philips, Eindhoven

## GRANTS & AWARDS

2024

● Nomination for Open Science Community Utrecht Prize (OSCU Award)

<https://openscience-utrecht.com/oscu-award/>

## CONTACT



p.c.s.vermeent@uu.nl

 stefan-vermeent.nl

 GitHub

Twitter

in LinkedIn

## LANGUAGE

## SKILLS

R

## Javascript

Python

Made with the R package **pagedown**.

*Last updated on 2024-07-04.*

2024

### ● ODISSEI LISS Panel Grant

*Cognitive strenghts and deficits in adverse conditions: A balanced view*

Role: Main applicant

Total award: €39,500

Dates: Jan 1, 2024 - Aug 1, 2025



## PUBLICATIONS

2024

● Klaming, L., Spaltman, M., **Vermeent, S.**, van Elswijk, G., Miller, J., & Schmand, B. (2024). Test-retest reliability and reliable change index of the Philips IntelliSpace Cognition digital test battery. *The Clinical Neuropsychologist*.

READ MORE

2024

● **Vermeent, S.**, Young, E.S., DeJoseph, M.L., Schubert, A.L., & Frankenhuys, W.E. (2024). Cognitive deficits and enhancements in youth from adverse conditions: An integrative assessment using Drift Diffusion Modeling in the ABCD study. *Developmental Science*, e13478.

READ MORE

2024

● **Vermeent, S.**, Schubert, A.L., Denissen, J., van Gelder, J.L., & Frankenhuys, W.E. (In-principle acceptance). Working memory abilities in adverse environments: enhanced, impaired, or intact?

READ MORE

2024

● **Vermeent, S.**, Young, E.S., van Gelder, J.L., & Frankenhuys, W.E. (in press). Childhood adversity is not associated with lowered inhibition, but slower perceptual processing: A Drift Diffusion Model analysis. *Cognitive development*

READ MORE

2021

● **Vermeent, S.**, Spaltman, M., van Elswijk, G., Miller, J.B., & Schmand, B.A., (2021). Philips IntelliSpace Cognition digital test battery: Equivalence and measurement invariance compared to traditional analog test versions. *The Clinical Neuropsychologist*, 36(8), 2278-2299.

READ MORE

2020

● **Vermeent, S.**, Dotsch, R., Schmand, B., Klaming, L., Miller, J.B., & van Elswijk, G. (2020). Evidence of validity for a newly developed digital cognitive test battery. *Frontiers in Psychology: Neuropsychology*, 1-11.

READ MORE

2016

● Keesman, M., Papies, E.K., **Vermeent, S.**, Aarts, H., & Häfner, M. (2016). Consumption simulations induce salivation to food cues. *PLoS ONE*, 11, e0165449.

READ MORE



## PUBLICATIONS IN PREPARATION / PREPRINTS

Under  
Review

- Young, E.S., **Vermeent, S.**, Frankenhuys, W.E., Nivision, M., Simpson, J.A., & Roisman, G.I. (under review). How does adversity shape performance across different abilities in the same person?



## CONFERENCE, SYMPOSIUM, & WORKSHOP TALKS

- 2024 ● CAS research day, Utrecht, The Netherlands.
- 2023 ● Symposium: International Convention of Psychological Science, Brussels, Belgium.
- 2022 ● CAS research day, Utrecht, The Netherlands
- 2022 ● European Human Behaviour and Evolution Association, online.



## DEPARTMENTAL OR INSTITUTE TALKS

- 2024 ● Genetic Epidemiology, Amsterdam Medical Center (AMC), Amsterdam, The Netherlands
- 2024 ● Language and Cognition Lab, Stanford University, USA.
- 2024 ● Laboratory for Stress Assessment and Research, University of California, Los Angeles (UCLA), USA.
- 2024 ● Center on Early Childhood, Stanford University, USA.
- 2024 ● Johannes Gutenberg University, Mainz, Germany
- 2023 ● Developmental Psychology, Utrecht University, Utrecht, The Netherlands
- 2023 ● Goal Lab, Utrecht University, Utrecht, The Netherlands
- 2023 ● Programming Cafe, Utrecht University, Utrecht, The Netherlands

2022 • the Decision-Making in Conditions of Adversity (DMCA) research group, online.

2022 • Analysis and Modeling of Complex Data group, Johannes Gutenberg University, Mainz, Germany.

## POSTERS

2023 • European Conference on Developmental Psychology (ECDP), online.

2022 • Human Behavior & Evolution Society, online.

2019 • The National Academy of Neuropsychology, Inc. (NAN) 39th Annual Conference, San Diego, USA

2019 • The National Academy of Neuropsychology, Inc. (NAN) 39th Annual Conference\*, San Diego, USA

2018 • The American Academy of Neurology (AAN) Annual Meeting, Philadelphia, USA

## WORKSHOPS

2024 • Topic: Multiverse analysis  
📍 Stanford University, USA (March)  
📍 Utrecht University, the Netherlands (April)  
📍 Mainz University (May)  
[Materials](#)

2024 • Topic: Preregistration  
📍 Max Planck Institute for the Study of Crime, Security and Law, Freiburg, Germany (April)  
[Materials](#)

2023 • Title: 'Open science: From theory to test. European Conference on Developmental Psychology (ECDP), August 2023  
[Materials](#)

## R PACKAGES

2023 • multitool: Run multiverse style analyses. <https://CRAN.R-project.org/package=multitool>

2023 ● projectlog. <https://stefanvermeent.github.io/projectlog/index.html>



## TEACHING EXPERIENCE

- **Advanced Research Methods and Statistics for Psychology**  
Teaching assistant 📍 Utrecht University
- **Bachelor Thesis supervision**  
Supervision 📍 Utrecht University
- **Adolescent Development**  
Teaching Assistant 📍 Utrecht University
- **21st century and the modern human**  
Guest lecture 📍 Utrecht University




## ACADEMIC SERVICES AND MEMBERSHIPS

- Current | 2023 ● **Jacobs Research Network**  
Member
- Current | 2023 ● **Department Coordination Team**  
Member 📍 Utrecht University
- Current | 2021 ● **Decision Making in Contexts of Adversity (DMCA) Network**  
Member
- Current | 2023 ● **Department PhD Chair**  
📍 Utrecht University



## REVIEWS

- 2024 ● **Crime & Delinquency**  
Editor: Dr. Jean-Louis van Gelder & Dr. Tim Barnum, 1 round
- 2024 ● **Developmental Science**  
Editor: Dr. Michelle de Haan, 1 round
- 2023 ● **Trends in Psychology**  
Editor: Dr. Vinicius Coscioni, 1 round
- 2023 ● **Journal of Adolescence**  
Editor: Dr. Nancy Darling, 1 round

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- 2022 ● **Child Development**  
Editor: Dr. Dima Amso, 2 rounds
  - 2022 ● **Journal of Cognitive Development**  
Editor: Dr. Stuart Marcovitch, 2 rounds