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 Frankenhuis, 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

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

CONTACT

✉ p.c.s.vermeent@uu.nl
🔗 stefan-vermeent.nl
GitHub
Twitter
LinkedIn

LANGUAGE SKILLS

R
Javascript
Python

📖 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.* https://doi.org/10.1080/13854046.2024.2315747.

READ MORE 📄

2024
Vermeent, S., Young, E.S., DeJoseph, M.L., Schubert, A.L., & Frankenhuis, 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. https://doi.org/10.1111/desc.13478

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. https://doi.org/10.1371/journal.pone.0165449

READ MORE 📄

📖 PUBLICATIONS IN PREPARATION

In Prep
Vermeent, S., Young, E.S., van Gelder, J.L., & Frankenhuis, W.E. (in preparation). Attention styles in harsh and unpredictable environments. An investigation using the Drift Diffusion Model.

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

Under Review
Vermeent, S., Schubert, A.L., Denissen, J., van Gelder, J.L., & Frankenhuis, W.E. (submitted). Working memory abilities in adverse environments: enhanced, impaired, or intact?

R PACKAGES

2023 — Young, E. & **Vermeent, S** (2023). multitool: Run multiverse style analyses. https://CRAN.R-project.org/package=multitool

2023 — **Vermeent, S** (2023). projectlog. https://stefanvermeent.github.io/projectlog/index.html

CONFERENCE PRESENTATIONS

2023 — Departmental talk for the department of Developmental Psychology, Utrecht University, The Netherlands

2023 — Invited talk for the *Goal Lab*, Utrecht University, The Netherlands

2023 — **Vermeent, S.** (2023). Cognitive abilities in adverse conditions: Improving our inferences using cognitive modeling. Presented at *International Convention of Psychological Science* 2023 (symposium), Brussels, Belgium.

2022 — **Vermeent, S.**, Young, E.S., van Gelder, J.L., * Frankenhuis, W.E. (2022). Attention styles in harsh and unpredictable environments. Presented at *CAS research day* 2022, Utrecht, The Netherlands

2022 — Talk for *the Decision-Making in Conditions of Adversity (DMCA) research group*, online.

2022 — **Vermeent, S.**, Young, E.S., van Gelder, J.L., * Frankenhuis, W.E. (2022). Attention styles in harsh and unpredictable environments. Presented at *European Human Behaviour and Evolution Association* 2022, online.

2022 — Invited talk for the *Analysis and Modeling of Complex Data group*, Johannes Gutenberg University, Mainz, Germany.

POSTERS

2023 — **Vermeent, S.**, Young, E.S., DeJoseph, M.L., Schubert, A.L., & Frankenhuis, W.E. (2023). Poster presented at *European Conference on Developmental Psychology (ECDP)*, August 2023, online.

2022 ● **Vermeent, S.,**, Young, E.S., van Gelder, J.L., & Frankenhuis, W.E. (2022). Ignoring distractions in violent and unpredictable conditions: An evolutionary developmental approach. Poster presented at *Human Behavior & Evolution Society*, June 2022, online.

2019 ● **Vermeent, S.**, van Elswijk, G., Schmand, B., Klaming, L., Miller, J.B., & Dotsch, R. (2019). The Philips IntelliSpace Cognition Platform: Ability to classify a mixed clinical sample. Poster presented at *the National Academy of Neuropsychology, Inc. (NAN) 39th Annual Conference* in San Diego, November 2019

2019 ● **Vermeent, S.**, van Elswijk, G., Schmand, B., Klaming, L., Miller, J.B., & Dotsch, R. (2019). The Cattell-Horn-Carroll Model Does outperform a traditional neuropsychological model when using a digital test battery. Poster presented at *the National Academy of Neuropsychology, Inc. (NAN) 39th Annual Conference*, San Diego, November 2019.

2018 ● **Vermeent, S.**, Dotsch, R., Klaming, L., Miller, J., & Schmand, B. (2018). Model-based truncation of cognitive test batteries to minimize assessment time and information loss. Poster presented at *the American Academy of Neurology (AAN) Annual Meeting in Philadelphia*, May 2019.

🔖 WORKSHOPS

2023 ● **Workshop 'Open science: From theory to test at at *European Conference on Developmental Psychology (ECDP)*, August 2023**
Materials

🖥 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

2023
Trends in Psychology
Editor: Dr. Vinicius Coscioni, 1 revision

2023
Journal of Adolescence
Editor: Dr. Nancy Darling, 1 revision

2022
Child Development
Editor: Dr. Dima Amso, 2 revisions

2022
Journal of Cognitive Development
Editor: Dr. Stuart Marcovitch, 2 revisions