STEFAN VERMEENT

Dates: Jan 1, 2024 - Aug 1, 2025

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 PhD Candidate, Developmental Psychology Utrecht University 2021 2018 Research MSc. Social and Health Psychology Utrecht University Cum Laude 2016 2016 BSc. Psychology Utrecht University With Honours 2013 RESEARCH EXPERIENCE PhD Candidate, Developmental Psychology Current Utrecht University 2021 Max Planck Institute for the Study of Crime, Security, & Law, Freiburg Supervision: Drs. Willem Frankenhuis, Jean-Louis van Gelder, & Ethan Young **Graduate Research Assistant** 2018 Utrecht University 2016 Undergraduate research internship 2015 Utrecht University 2014 INDUSTRY EXPERIENCE Junior Researcher, Digital Cognitive Dx venture at Philips 2020 Philips, Eindhoven 2018 **GRANTS ODISSEI LISS Panel Grant** 2024 Cognitive strenghts and deficits in adverse conditions: A balanced view Role: Main applicant Total award: €39,500



CONTACT

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stefan-vermeent.nl
GitHub
Twitter
in LinkedIn

LANGUAGE SKILLS

R
Javascript
Python

Made with the R package **pagedown**.

ast updated on 2024-

Last updated on 2024-02-08.

PUBLICATIONS

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*.

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

2024

2021

Under Review

Under Review • 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

• 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 🚨

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

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PUBLICATIONS IN PREPARATION

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.

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?

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

- Young, E. & Vermeent, S (2023). multitool: Run multiverse style analyses. https:// CRAN.R-project.org/package=multitool
- Vermeent, S (2023). projectlog. https://stefanvermeent.github.io/projectlog/index .html

CONFERENCE PRESENTATIONS

- Departmental talk for the department of Developmental Psychology, Utrecht University, The Netherlands
- 2023 Invited talk for the *Goal Lab*, Utrecht University, The Netherlands
- 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.
- **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
- Talk for the Decision-Making in Conditions of Adversity (DMCA) research group, online.
- **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.
- Invited talk for the *Analysis and Modeling of Complex Data group*, Johannes Gutenberg University, Mainz, Germany.

POSTERS

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.

- 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.
- 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
- 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.
- 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

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

Materials

2023

♣☐ 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

Current		ACADEMIC SERVICES AND MEMBERSHIPS 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	