

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.



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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
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2016

● Graduate Research Assistant

Utrecht University

 Utrecht University

2015
|
2014

- Undergraduate research internship

Utrecht University

Utrecht University

INDUSTRY EXPERIENCE

2020
|
2018

● Junior Researcher, Digital Cognitive Dx venture at Philips

📍 Philips, Eindhoven

 PUBLICATIONS

Accepted
pending
data
analysis

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

CONTACT



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 stefan-vermeent.nl

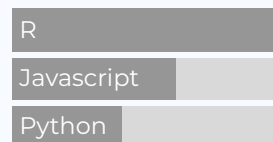
 GitHub

 [Twitter](#)

in LinkedIn

LANGUAGE

SKILLS



Made with the R
package [pagedown](#).

Last updated on 2023-11-02.

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

Under Review

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

In Prep

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

Submitted

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

Submitted

● **Vermeent, S.**, Schubert, A.L., Denissen, J., van Gelder, J.L., & Frankenhuys, 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., * Frankenhuys, 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., * Frankenhuys, 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., & Frankenhuys, W.E. (Accepted pending data analysis). Poster presented at *European Conference on Developmental Psychology (ECDP)*, August 2023, online.
- 2022 • **Vermeent, S.,** Young, E.S., van Gelder, J.L., & Frankenhuys, 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



REVIEWS

- 2023 ● **Trends in Psychology**
 Editor: Dr. Vinicius Coscioni, 1 revision
- 2022 ● **Child Development**
 Editor: Dr. Dima Amso, 2 revisions
- 2022 ● **Journal of Cognitive Development**
 Editor: Dr. Stuart Marcovitch, 2 revisions