

# CURRICULUM VITAE

**Dr. dr. Noah van Dongen**

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## Current position

- 2024 - now.** Methodologist at the Amsterdam School of Law, at the University of Amsterdam  
**2021 - now.** Postdoctoral researcher at the Theory Methods Lab with Prof.dr. Denny Borsboom, at the University of Amsterdam.

## General education

- 2016 - 2021.** PhD in philosophy of science under supervision of Prof.dr. J. Sprenger and Dr. Leonie van Grootel, at the University of Turin  
Successfully defended on 1 March 2021
- 2016 - 2020.** PhD in experimental aesthetics, under supervision of Prof.dr. C.J.M. van Eijck, Prof.dr. J.W. van Strien, and Dr. K. Dijkstra, at the Erasmus University  
successfully defended on 4 September 2020
- 2013 - 2014.** Arts and Culture Studies (MA), cum laude
- 2012 - 2013.** Arts and Culture Studies (pre-master, cum laude)
- 2007 - 2011.** Fine Arts (BFA).

## Extra research experience

- 2019 - now.** Statistics consultant on “Immune Monitoring after Colorectal Surgery” (research project of P.P. Edomkis and Dr. P.J.M. Leenen)
- 2019.** Visiting scholar at UvA (6-month with Prof.dr. E.J. Wagenmakers)
- 2018.** Visiting scholar at EPPI-Centre, London (2-week visit with Prof.dr. J. Thomas and Dr. M. Newman)
- 2015 - 2016.** Statistics consultant on NIOD project

## Teaching Experience

- 2021 - now.** Theory Building (six EC Honours Programme course, co-organized with J. Zijlmans, Vrije Universiteit)
- 2021.** Formal Theory Lab (two research master lectures, co-developed with J. Haslbeck, University of Amsterdam)
- 2019 - now.** Psychedelics Science (yearly lecture a Honours Programme course, co-organized with J. Zijlmans, Vrije Universiteit)
- 2016 - now.** Bayesian statistics and JASP (yearly two-day introduction course for graduates and postgraduates, Erasmus Medical Center)
- 2017.** Social philosophy (several lecture for course for economy students, Tilburg University)
- 2016 - 2017.** Philosophy of Statistics (several lecture for economy students, Tilburg University)
- 2015 - 2016.** Statistics consultancy (advising bachelor and master students on data processing and analysis concerning their thesis research, Erasmus University)
- 2014 - 2016.** Introduction to Statistical Analyses (bachelor course tutorials, Erasmus University)
- 2014 - 2015.** Introduction to Cultural Policy (bachelor course tutorials, Erasmus University)
- 2014 - 2015.** Introduction to Art Marketing (bachelor course tutorials, Erasmus University)

## Additional education, courses, and workshops

- 2022.** University Teaching Qualification (12-day course, University of Amsterdam)
- 2021.** Model thinking (12-week online course, University of Michigan)
- 2021.** Fundamentals of NetLogo (5-week online course, Santa Fe Institute)
- 2021.** Introduction to Dynamical Systems and Chaos (12-week online course, Santa Fe Institute)
- 2020.** Linear algebra (12-week online course, UT Austin)
- 2020.** Network analysis (4-week online course, Biosakshat)
- 2020.** Calculus course (5-week online course, University of Sydney)
- 2019.** Scientific Integrity course (1-day workshop, Erasmus University)
- 2019.** Logic (6-week graduate course, University of Turin)
- 2018.** Logic, Uncertainty, and Games (1-week summer school, Lake Como School of Advanced Studies)
- 2018.** Argumentation (8-day graduate course, Northwestern Italian Philosophy Consortium)
- 2018.** Philosophical methodologies (8-day graduate course, Northwestern Italian Philosophy Consortium)
- 2018.** Logic (4-day graduate course, Northwestern Italian Philosophy Consortium)
- 2018.** Logic and Language (6-week graduate course, University of Turin)
- 2017.** Meta-Research (3-day course, Edinburgh WTCRF)
- 2017.** European Summer School in Logic, Language and Information (2-week summer school, Association for Computational Linguistics)
- 2017.** Improving Your Statistical Inferences (7-week online course, TU Eindhoven)

- 2017. Data management (1-day workshop, Tilburg University)
- 2017. Applied Bayesian Statistics (1-week summer school, Utrecht University)
- 2017. Precalculus (15-week online course, Arizona State University)
- 2016. Multilevel structural equation modeling (4-day course, Erasmus University)
- 2016. Big Data and R (4-day course, Erasmus University)
- 2015. Probability Theory (10-week online course, MIT)
- 2015. Statistics and R (7-week online course, Harvard)
- 2015. Bayesian statistics and JASP (1-day workshop, University of Amsterdam)

## Organization & Management

- 2021. Lorentz Center workshop Perspectives on Scientific Error (with F. Romero, R. Heesen, M. Bakker, and D. van Ravenzwaaij)
- 2020. Perspectives on Scientific Error 4 (with M. Andreoletti, F. Boem, M. Lubrano, and J. Sprenger)
- 2019. Perspectives on Scientific Error 3 & MuST1 12 (with M. Andreoletti, M. Colyvan, P. Griffiths, S. Hartmann, D. Lakens, B. Osimani, J.-W. Romeijn, C.F. Romero, J. Sprenger)
- 2018 - now. Platform for Young Meta-Scientists (with A. Scheel, O. van den Akker, and S. Field).
- 2018. Perspectives on Scientific Error 2 (with D. Lakens, C.F. Romero, J-W. Romeijn, and J. Sprenger)
- 2017. Perspectives on Scientific Error (with J. Sprenger and C.F. Romero)

## Grants and Awards

- 2023. NWO Open Science Fund (no. OSF23.1.031) for the project “Curated Repository for Generative Models in Psychological Science.”
- 2013. Nominated for the WDKA Threshold prize.

## Publications

- van Dongen, N. N. N., van Bork, R., Finnemann, A., van der Maas, H., Robinaugh, D., Haslbeck, J. M. B., ... Borsboom, D. (in press). Productive Explanation: A Framework for Evaluating Explanations in Psychological Science. *Psychological Review*.
- van Ravenzwaaij, D., Bakker, M., Heesen, R., Romero, F., van Dongen, N., Crüwell, S., ... & Wagenmakers, E. J. (2023). Perspectives on scientific error. *Royal Society Open Science*, 10(7), 230448.
- van Dongen, N. N. N., & van Grootel, L. (in press). Overview on the Null Hypothesis Significance Test: A Systematic Review on Essay Literature on its Problems and Solutions in Present Psychological Science. *Meta-Psychology*

- Maier, M., van Dongen, N., & Borsboom, D. (2023). Comparing Theories with the Ising Model of Explanatory Coherence. *Psychological Methods*.
- van Dongen, N. Sprenger, J., & Wagenmakers, E.J. (2022). A Bayesian Perspective on Severity: Risky Predictions and Specific Hypotheses. *Psychonomic Bulletin & Review*.
- Aczel, B., Szaszi, B., Nilsonne, G., Van Den Akker, O. R., Albers, C. J., Van Assen, M. A., ..., van Dongen, N., ..., & Wagenmakers, E. J. (2021). Consensus-based guidance for conducting and reporting multi-analyst studies. *Elife*, 10, e72185.
- Wagenmakers, E. J., Sarafoglou, A., Aarts, S., Albers, C., Algermissen, J., Bahník, Š., ..., van Dongen, N., ..., & Aczel, B. (2021). Seven steps toward more transparency in statistical practice. *Nature Human Behavior*, 5, 1473–1480.
- van Dongen, N., & Sikorski, M. (2021). Objectivity for the research worker. *European Journal for Philosophy of Science*, 11(3), 1-25.
- van Doorn, J., van den Bergh, D., Dablander, F., van Dongen, N., Derks, K., ..., & Wagenmakers, E. J. (2021). Strong public claims may not reflect researchers' private convictions. *Significance*, 18(1), 44-45.
- van Dongen, N. N. (2020). The scientific hypothesis is here to stay: Bradley E. Alger: Defense of the scientific hypothesis: from reproducibility crisis to big data. New York: Oxford University Press, xxvi+ 416 pp, \$45 HB. *Metascience*, 29(3).
- van Dongen, N. N. N., Colombo, M., Romero, F., & Sprenger, J. (2020). Intuitions about the reference of proper names: A meta-analysis. *Review of Philosophy and Psychology*, 12, 745-774.
- van Dongen, N., van Doorn, J. B., Gronau, Q. F., van Ravenzwaaij, D., Hoekstra, R., Haucke, M. N., ..., & Gelman, A. (2019). Multiple perspectives on inference for two simple statistical scenarios. *The American Statistician*, 73(sup1), 328-339.
- Cova, F., Strickland, B., Abatista, A., Allard, A., Andow, J., Attie, M., ..., van Dongen, N., ..., & Cushman, F. (2018). Estimating the reproducibility of experimental philosophy. *Review of Philosophy and Psychology*, 1-36.
- van Dongen, N., & Zijlmans, J. (2017). The science of art: the universality of the law of contrast. *American Journal of Psychology*, 130(3), 283-294.
- Van Dongen, N. , Van Strien, J. W., & Dijkstra, K. (2016). Implicit emotion regulation in the context of viewing artworks: ERP evidence in response to pleasant and unpleasant pictures. *Brain and Cognition*, 107, 48-54.

### Skills

SPSS  
 JASP  
 R  
 Latex  
 Insight Maker  
 Adobe Photoshop CS6  
 Adobe Illustrator CS6  
 Photography  
 Dutch (native)  
 English (C2)  
 German (moderate)

### Hobbies

Reading  
 Board games  
 Computer games  
 Wine  
 Coffee  
 Cooking  
 Gunpla

### Sport

Cycling (race bike)  
 Snowboarding  
 Fitness  
 Survivalruns  
 Bouldering

