

Personal

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| Email | c.c.tanis@uva.nl | Date of birth | 25 August 1992 |
| Address | University of Amsterdam Department of Psychology Nieuwe Achtergracht 129B 1018 WT Amsterdam | Place of birth | Blaricum, The Netherlands |
| | | Nationality | Dutch |

Employment

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| 2019 - | PhD candidate at the Psychological Methods Unit, Department of Psychology, University of Amsterdam (UvA). Supervisors: Prof. dr. Eric-Jan Wagenmakers and Dr. Dora Matzke. |
| 2020 - | Co-founder of Science versus Corona; an interdisciplinary platform that unites experts to join together in the fight against the coronavirus. Project was funded €50,000 by the Netherlands Organisation for Scientific Research (NWO). |
| 2017 - | Data analyst at CDA (freelance); main activity: develop tool to analyse election results, and “rekenmeester” for the 2019 Dutch Senate election. |
| 2019 | Teaching assistant for the Research Master’s Psychology course Programming Skills, UvA; main activity: support students during work groups and grade exams. |
| 2017 - 2019 | Research assistant at the Strategy and Information Division, Policy and Strategy Development Unit, Executive Staff, UvA; main activity: help develop a risk analysis to monitor the state of studies in preparation for the yearly accreditation. |
| 2017 - 2018 | Research assistant for dr. Claire Stevenson; main activity: help develop an automatic scoring method for the Alternative Uses Task. |

Education

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| 2017 - 2019 | Research Master in Psychology, UvA, <i>cum laude</i> Major in Psychological Methods and Minor in Brain & Cognition. |
| 2014 - 2017 | Bachelor in Psychology, UvA, <i>with honors</i> Specialization in Psychological Methods. |
| 2012 - 2014 | Liberal Arts & Sciences, Amsterdam University College Major: Science; Tracks: Information and Physics. |

Publications

Submitted

Weigard, A., Matzke, D., Tanis, C., & Heathcote, A. (2021). Cognitive process modeling addresses context independence violations in the ABCD Study stop-signal task. Preprint at <https://doi.org/10.1101/2021.07.26.453872>

Dablander, F*, Blanken, T. F*, Tanis, C. C*, Breed, R., Coffeng, L. E., Crommelin, D., ... Borsboom, D. (2021). A Multidisciplinary Perspective on COVID-19 Exit Strategies.

Borsboom, D., Blanken, T. F., Dablander, F., Tanis, C. C., Van Harreveld, F., & Van Mieghem, P. (2020). The lighting of the BECONs: A behavioral data science approach to tracking interventions in COVID-19 research. Preprint at <https://doi.org/10.31234/osf.io/53ey9>

2021

Tanis, C. C., Leach, N. M., Geiger, S. J., Nauta, F. H., Dablander, F., Harreveld, F. van, ... Blanken, T. F. (2021). Smart Distance Lab's art fair, experimental data on social distancing during the COVID-19 pandemic. *Scientific Data*, 8, 179. <https://doi.org/https://doi.org/10.1038/s41597-021-00971-2>

Blanken, T. F., Tanis, C. C., Nauta, F. H., Dablander, F., Zijlstra B., Bouten, R. R. M., Oostvogel, Q. H., Boersma, M. J., Van der Steenhoven, F., Van Harreveld, F., De Wit, S., & Borsboom, D. (in press). The Smart Distance Lab: A new methodology for assessing social distancing interventions. *Scientific Reports*. Preprint at <https://osf.io/mjg2f>

2019

Marsman, M., Tanis, C. C., Bechger, T. M., & Waldorp, L. J. Network Psychometrics in Educational Practice BT - Theoretical and Practical Advances in Computer-based Educational Measurement. In B. P. Veldkamp & C. Sluifster (Eds.) (pp. 93–120). Cham: Springer International Publishing. https://doi.org/10.1007/978-3-030-18480-3_5

* shared first authorship

Open data

Tanis, C. C., Leach, N. M., Geiger, S. J., Nauta, F. H., Dablander, F., Van Harreveld, F., ... Blanken, T. F. (2021). Data record of: Smart Distance Lab Art Fair - An experimental dataset on social distancing during the COVID-19 pandemic. <https://doi.org/https://doi.org/10.6084/m9.figshare.c.5276678.v2>

Tanis, C. C., Leach, N. M., Geiger, S. J., Nauta, F. H., Dablander, F., Van Harreveld, F., ... Blanken, T. F. (2021). Smart Distance Lab: Relational MySQL Database. <http://sdl.smartdist-uva.surf-hosted.nl/>

Presentations

C. C. Tanis, & T. F. Blanken. (2021). Big behavioural data - Behavioural Data Science intro. Introduction talk at the master Behavioural Data Science at the University of Amsterdam, the Netherlands.

C. C. Tanis, A. Heathcote, M. Zrubka, & D. Matzke. (2021). Mixing process and descriptive runners in the race model of response inhibition: a hybrid approach to the stop-signal paradigm. Talk at the Annual Meeting of the Society for Mathematical Psychology.

C. C. Tanis, & T. F. Blanken. (2021). Big behavioural data. Guest lecture at the first year Psychology bachelor course Behavioural Data Science at the University of Amsterdam, the Netherlands.

C. C. Tanis, & T. F. Blanken. (2020). Social networks and corona. Guest lecture at the first year Liberal Arts & Sciences bachelor course Information, Communication, and Cognition at Amsterdam University College, The Netherlands.

C. C. Tanis, & M. Marsman. (2019). On the relation between item response theory and network models. Talk at Psychoco, Prague, Czech Republic.

C. C. Tanis, & M. Marsman. (2018). The story of the Curie-Weiss model. Poster presented at the Research Master's Psychology Graduate Conference, Amsterdam, the Netherlands.

C. C. Tanis, C. E. Stevenson, M. Baas, & H. L. J. van der Maas. (2017). Automated scoring of the Alternative Uses Task." Poster presented at the Creativity and Innovation Conference, Nijmegen, the Netherlands.

Teaching

Courses

- 2020, 2021 Third year Psychology Bachelor course Bayesian Statistics, UvA
- 2019, 2020 Research Master's Psychology course Bayesian Inference for Psychology, UvA

Supervision

- 2021 Master thesis project of Jonne Zomerdijk (Behavioural Data Science, UvA): "Assessing the role of goal types in pedestrian behaviour: A simulation study" (co-supervised with dr. Tessa Blanken)
- 2021 Master thesis project of Samir van Rijn (Behavioural Data Science, UvA): "Extending the BECON framework: Evaluating the performance of seven potential BECON indicators by incorporating contact duration during single events" (co-supervised with dr. Tessa Blanken)

Organizational activities

- 2020 Member organizing committee for the "Theory and Practice of Bayesian Hypothesis Testing: A JASP Workshop" (24-25 August, Amsterdam; <https://jasp-stats.org/workshop/>).

Honors, grants, and awards

- 2020 Co-applicant Innovation Exchange Amsterdam (IXA) proof-of-concept valorisation grant (€99.924)
- 2019 Nominated Best Thesis Award 2018 / 2019, Research Master's Psychology
- 2018 Runner-up Annual Poster Award, Research Master's Psychology Graduate Conference

Volunteering

- 2016 - 2018 Treasurer of CDJA Amsterdam
- 2016 - 2017 Secretary of the Student Faction of Psychological Methods, UvA
- 2013 - 2014 Peer supporter at Amsterdam University College