

## Curriculum Vitae: Judith Rijnhart, PhD

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### PROFESSIONAL EXPERIENCE

August 2022-present	Assistant Professor of Epidemiology	College of Public Health, University of South Florida, Tampa, Florida, USA
May 2020-July 2022	Postdoctoral researcher	Department of Epidemiology and Data Science, Amsterdam UMC, Amsterdam, the Netherlands

### EDUCATION

2021	Ph.D.	Epidemiology	VU University, Amsterdam, the Netherlands
2016	M.Sc.	Health Sciences (clinical epidemiology focus)	Erasmus University, Rotterdam, the Netherlands
2014	M.Sc. ( <i>cum laude</i> )	Health Sciences (prevention and public health focus)	VU University, Amsterdam, the Netherlands
2013	Pre M.Sc.	Health Sciences (prevention and public health focus)	VU University, Amsterdam, the Netherlands
2013	Bc.	Nursing (with a minor in education)	Windesheim University of Applied Sciences, Zwolle, the Netherlands

### RESEARCH FUNDING

#### Current funding

2024 Title: Impact of Education and Occupation on Gender Differences in Dementia.  
 Grant mechanism: Alzheimer's Association Research Grant to Promote Diversity (AARG-D).  
 Agency: Alzheimer's Association  
 Total requested: \$199,288  
 Role: Principal Investigator

2023 Title: Comparing Apples and Oranges: Adjustment for Mediators and Colliders as a Source of Heterogeneity in Meta-Analyses  
 Grant mechanism: COPH Internal Award  
 Total requested: \$8,246  
 Role: Principal Investigator

#### Past funding

2019 Title: Reproducibility  
 Grant mechanism: Methodology Program Voucher  
 Agency: Amsterdam Public Health Research Institute (APH) - Methodology Section  
 Total requested: €50,000 (~\$56,000)  
 Role: Postdoctoral researcher / Principal investigator (Mentor: Jos Twisk)

- 2019 Title: Non-collapsibility in logistic regression: the problem you never knew you had  
Grant mechanism: Internal research grant  
Agency: Amsterdam Public Health Research Institute (APH) - Methodology Section  
Total requested: €10,000 (~\$11,200)  
Role: Principal investigator
- 2018 Title: Causal interpretation of longitudinal mediation analysis  
Grant mechanism: Fulbright grant  
Agency: Netherlands America Commission for Educational Exchange  
Total requested: \$4,000  
Role: Principal Investigator (Mentor: David MacKinnon)
- 2018 Grant mechanism: Cultural Foundation Grant  
Agency: Prins Bernhard Cultuurfonds  
Total requested: €3,000 (~\$3,540)  
Role: Principal Investigator

### Not funded

- 2022 Title: Understanding why are women at higher risk of dementia: investigating education as a mediator of gender inequalities in dementia  
Grant mechanism: Internal award  
Agency: College of Public Health, University of South Florida  
Total requested: \$23,787  
Role: Principal Investigator
- 2021 Title: TRAnsforming self-reliance into a leVERAge point for optimizing the health potential of people with a low SocioEconomic position (TRAVERSE)  
Grant mechanism: NWA Gezondheidsverschillen – beter benutten van gezondheidspotentieel  
Agency: Netherlands Organisation for Health Research and Development (ZonMw)  
Total requested: €1,000,000  
Role: Co-investigator
- 2021 Title: How to map the multiverse? Expert guidance for conducting and reporting a multiverse analysis.  
Grant mechanism: Open Science Fund – 2020/2021  
Agency: Dutch Research Council (NWO)  
Total requested: €50,000  
Role: Co-Investigator

### PEER-REVIEWED PAPERS

(\*Indicates a student co-author, †indicates authors who contributed equally)

- Pan, K.-Y., Van Tuijl, L., Basten, M., **Rijnhart, J. J. M.**, De Graeff, A., Dekker, J., Geerlings, M., Hoogendoorn, A., Ranchor, A. V., Vermeulen, R., Portengen, L., Voogd, A., Abell, J., Awadalla, P., Beekman, A. T. F., Bjerkeset, O., Boyd, A., Cui, Y., Frank, P., Galenkamp, H., Garssen, B., Hellingman, S., Hollander, M., Huisman, M., Huss, A., Keats, M. R., Kok, A. A. L., Krokstad, S., Van Leeuwen, F. E., Luik, A.I., Noisel, N., Payette, Y., Penninx, B. W. J. H., Picavet, S., Rissanen, I., Roest, A. M., Rosmalen, J. G. M., Rutter, R., Schoevers, R. A., Soave, D. M., Spaan, M., Steptoe, A., Stronks, K., Sund, E. R., Sweeney, E., Teyhan, A., Twait, E. L., Van der Willik, K. D., and Lamers, F. (In press). The mediating role of health behaviours in the association between depression, anxiety and cancer incidence: An individual participant data meta-analysis. *Psychological Medicine*.
- Valente, M. J., \*Pang, J., **Rijnhart, J. J. M.**, Ferron, J., & Miočević, M. (In press). Estimating mediation effects in ABAB reversal designs. *Evaluations and the Health Professions*.
- Valente, M. J., **Rijnhart, J. J. M.**, & Gonzalez, O. (2023). A novel approach to estimate moderated treatment effects and moderated mediated effects with continuous moderators. *Psychological methods*.

4. Broekhoven, J. L., Blankenstein, A. M. M. M., Van Santvoort, F., Asscher, J. J., Van Domburgh, L., Simons, I., Dekovic, M., Albrecht, G., Van der Rijken, R. E. A., **Rijnhart, J. J. M.**, & Popma, A. (2023). Family-centeredness in secure residential treatment and its relation with parental involvement and juvenile behavioral outcomes. *Journal of Child and Family Studies*, 32(12), 3697-3713.
5. \*Mank, A., Van Maurik, I., **Rijnhart, J. J. M.**, Rodius-Meester, H. F. M., Visser, L. N. C., Lemstra, A. W., Sikkes, S., Teunissen, C. E., Van Giessen, E., Berkhof, J., Van der Flier, W. M. (2023). Determinants of informal care time, distress, depression and quality of life in care partners along the trajectory of Alzheimer's Disease. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, 15(2), e12418.
6. \*Schuster, N. A., Twisk, J. W. R., Heymans, M. W., & **Rijnhart, J. J. M.** (2023). Causal mediation analysis with a binary mediator: the influence of the estimation approach and causal contrast on the mediation effect estimates and their interpretation. *Structural Equation Modeling: a Multidisciplinary Journal*, 30(3), 481-490.
7. Valente, M. J., **Rijnhart, J. J. M.**, & Miočević, M. (2023). Causal mediation effects in single case experimental designs. *Psychological methods*, 28(2), 488.
8. \*Schuster, N.A., **Rijnhart, J. J. M.**, Bosman, L. C., Twisk, J. W. R., Klausch, T., & Heymans, M. W. (2023). Misspecification of confounder-exposure and confounder-outcome associations leads to extreme bias in effect estimates. *BMC Medical Research Methodology*, 23(1), 1-11.
9. \*Mank, A., Van Maurik, I.S., Van Harten, A. C., Rhodius-Meester, H. F. M., Teunissen, C. E., Van Berckel, B. N. M., Berkhof, J., Van der Flier, W. M., **Rijnhart, J. J. M.** (2022). Life satisfaction across the entire trajectory of Alzheimer's disease: a mediation analysis. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, 14(1), e12389.
10. \*Mank, A., **Rijnhart, J. J. M.**, Van Maurik, I. S., Jönsson, L., Handels, R., Berkhof, J., & Van der Flier, W. M. (2022). A longitudinal study on quality of life along the spectrum of Alzheimer's disease. *Alzheimer's Research and Therapy*, 14(1), 1-10.
11. **Rijnhart, J. J. M.**, Twisk, J. W. R., M. J. Valente & Heymans, M. W. (2022). Time lags and time interactions in mixed-effects models impacted longitudinal mediation effect estimates. *Journal of Clinical Epidemiology*, 151, 143-150.
12. \*Schuster, N. A., **Rijnhart, J. J. M.**, Twisk, J. W. R., & Heymans, M. W. (2022). Modelling non-linear relationships in epidemiological data: the application and interpretation of spline models. *Frontiers in Epidemiology*, 29.
13. \*Mank, A., Van Maurik, I. S., **Rijnhart, J. J. M.**, Bakker, E. D., Bouteloup, V., Le Scouarnec, L., Teunissen, C. E., Barkhof, F., Scheltens, P., Berkhof, J., & Van der Flier, W. M. (2022). Development of multivariable prediction models for institutionalization and mortality in the full spectrum of Alzheimer's disease. *Alzheimer's Research & Therapy*, 14(1), 1-12.
14. Van Veenendaal, N. R., Van Kempen, A. A. M. W., Broekman, B. F. P., De Groof, F., **Rijnhart, J. J. M.**, Van Goudoever, J. B., & Van der Schoor, S. R. D. (2022). Association of a zero-separation neonatal care model with stress in mothers of preterm infants. *JAMA open*, 5(3), e224514.
15. Klokgieters, S. S., Kok, A. A. L., **Rijnhart, J. J. M.**, Visser, M., Broese van Groenou, M., Picavet, H. S. J., & Huisman, M. A. (2022). Comparative study of two birth cohorts: did the explanatory role of behavioural, social and psychological factors in educational inequalities in mortality change over time? *BMJ Open*, 12(3), e052204.
16. Jenkins, N. D., Hoogendijk E. O., Armstrong, J. J., Lewis, N. A., Ranson, J. M., **Rijnhart, J. J. M.**, Ahmed, T., Ghachem, A., Mullin, D. S., Ntanasi, E., Welstead, M., Auais, M. A., Bennett, D. A., Bandinelli, S., Cesari, M., Ferrucci, L., French, S. D., Huisman, M., Llewellyn, D. J., Scarmeas, N., Piccinin, A. M., Hofer, S. M., Muniz-Terrera, G. (2022). Trajectories of frailty with aging: coordinated analysis of five longitudinal studies. *Innovation in Aging*, 6(2), igab059.

17. **Rijnhart, J. J. M.**, Twisk, J. W. R., Deeg, D. J. H., & Heymans, M. W. (2022). Assessing the robustness of mediation analysis results using multiverse analysis. *Prevention Science*, 23(5), 821-831.
18. Van Veenendaal, N. R., Van Kempen, A. A. M. W., De Groof, F., Broekman, B. F. P., **Rijnhart, J. J. M.**, Van Goudoever, J. B., & Van der Schoor, S. R. D. (2022). Association of family integrated care model with paternal mental health outcomes during neonatal hospitalization. *JAMA open*, 5(1), e2144720.
19. **Rijnhart, J. J. M.**, Valente, M. J., Smyth, H. L., & MacKinnon, D. P. (2021). Statistical mediation analysis for models with a binary mediator and a binary outcome: the differences between causal and traditional mediation analysis. *Prevention Science*, 1-11.
20. **Rijnhart, J. J. M.**, Lamp, S. J., Valente, M. J., MacKinnon, D. P., Twisk, J. W. R., & Heymans, M. W. (2021). Mediation analysis methods used in practice: a scoping review and recommendations. *BMC Medical Research Methodology*, 21:226.
21. De Brij, S., **Rijnhart, J. J. M.**, Schuster, N. A., Rietman, M. L., Peters, M. J. L., & Hoogendijk, E. O. (2021). Explaining the association between frailty and mortality in older adults: the mediating role of lifestyle, social, psychological, and physical factors. *Preventive Medicine Reports*, 101589.
22. Lee, H., Cashin, A. G., Lamb, S. E., Hopewell, S., Vansteelandt, S., VanderWeele, T. J., MacKinnon, D. P., Mansell, G., Collins, G. S., Golub, R. M., McAuley, J. H., & **the AGReMA Group**. (2021). A guideline for reporting mediation analyses of randomized trials and observational studies: The AGReMA Statement. *Journal of the American Medical Association (JAMA)*, 326(11), 1045-1056. (**Member of the AGReMA group**).
23. \*Schuster, N. A., Twisk, J. W. R., Ter Riet, G., Heymans, M. W., & **Rijnhart, J. J. M.** (2021). Noncollapsibility and its role in quantifying confounding bias in logistic regression. *BMC Medical Research Methodology*, 21(1), 1-9.
24. Van Zutphen, E. M., Kok, A. A. K., **Rijnhart, J. J. M.**, Rhebergen, D., Huisman, M., & Beekman, A. (2021). An examination of reciprocal effects between cardiovascular morbidity, depressive symptoms and loneliness over time in a longitudinal cohort of Dutch older adults. *Journal of Affective Disorders*, 288, 122-128.
25. Van Hoffen, M., **Rijnhart, J. J. M.**, Norder, G., Labuschagne, L., & Twisk, J. W. R. (2021). Distress, burnout, work satisfaction, engagement, and work ability are mediators of the relation between psychosocial working conditions and mental health-related long-term sickness absence. *Journal of Occupational Rehabilitation*, 31(2), 419-430.
26. **Rijnhart, J. J. M.**, Valente, M. J., MacKinnon, D. P., Twisk, J. W. R., & Heymans, M. W. (2021). The use of traditional and causal estimators for mediation models with a binary outcome and exposure-mediator interaction. *Structural Equation Modeling: a Multidisciplinary Journal*, 28(3), 345-355.
27. Van Zutphen E.M., **Rijnhart J. J. M.**, Rhebergen, D., Muller, M., Huisman, M., Beekman, A., Kok, A. A. K., & Appelman, Y. (2021). Do cardiovascular risk factors and cardiovascular disease explain sex differences in cognitive functioning in old age? *Journal of Alzheimer's Disease*, 1-13.
28. Whitelock, V., Rutters, F., **Rijnhart, J. J. M.**, Nouwen, A., & Higgs, S. (2021). The mediating role of comorbid conditions in the association between type 2 diabetes and cognition: a cross-sectional observational study using the UK biobank cohort. *Psychoneuroendocrinology*, 123, 104902.
29. Twisk, J. W. R., **Rijnhart, J. J. M.**, Hoekstra, T. Schuster, N., Ter Wee, M., & Heymans, M. W. (2020). Intention-to-treat analysis when only a baseline value is available. *Contemporary Clinical Trials Communications*, 20, 100684.
30. Van Schoor, N. M., Dennison, E., Castell, M. V., Cooper, C., Edwards, M. H., Maggi, S., Pedersen, N. L., Van der Pas, S., **Rijnhart, J. J. M.**, Lips, P., Deeg, D.J.H., & the EPOSA research group. (2020). Clinical osteoarthritis of the hip and knee and fall risk: the role of low physical functioning and pain medication. *Seminars in Arthritis and Rheumatism*, 50(3), 380-386.

31. Valente, M. J., **Rijnhart, J. J. M.**, Smyth, H. L., Muniz, F. B., & MacKinnon, D. P. (2020). Causal Mediation Programs in R, Mplus, SAS, SPSS, and Stata. *Structural Equation Modeling: a Multidisciplinary Journal*, 27(6), 975-984.
32. Van Veenendaal, N. R., Van der Schoor, S. R. D., Heidemans, W. H., **Rijnhart, J. J. M.**, Heymans, M. W., Twisk, J. W. R., Van Goudoever, J. B., & Van Kempen, A. A. M. W. (2020). Family integrated care in single family rooms for preterm infants and late-onset sepsis: a retrospective study and mediation analysis. *Pediatric Research*, 88, 593-600.
33. Timmer, T. C., De Groot, R., **Rijnhart, J. J. M.**, Lakerveld, J., Brug, J., Perenboom, C. W. M., Baart, M., Prinsze, F. J., Zalpuri, S., Van der Schoot, E., De Kort, W. L. A. M., Van den Hurk, K. (2020). Dietary intake of heme iron is associated with ferritin and Hb levels in Dutch blood donors: results from Donor InSight. *Haematologica*, 105(10), 2400-2406.
34. Hoogendijk, E. O., **Rijnhart, J. J. M.**, Skoog, J., Robitaille, A., Van den Hout, A., Ferrucci, L., Huisman, M., Skoog, I., Piccinin, A. M. Hofer, S. M., & Muniz Terrera, G. (2020). Gait speed as predictor of transition into cognitive impairment: findings from three longitudinal studies on aging. *Experimental Gerontology*, 129, 110783.
35. Burgos Ochoa, L., **Rijnhart, J. J. M.**, Penninx, B. W., Wardenaar K. J., Twisk, J. W. R., & Heymans, M. W. (2020). Performance of methods to conduct mediation analysis with time-to-event outcomes. *Statistica Neerlandica*, 74(1), 72-91.
36. Van Vuuren, C. L., Wachter, G. G., Veenstra, R., **Rijnhart, J. J. M.**, Van der Wal, M. F., Chinapaw, M. J. M., Busch, V. (2019) Associations between overweight and mental health problems among adolescents, and the mediating role of victimization. *BMC Public Health*, 19, 612.
37. **Rijnhart, J. J. M.**, Twisk, J. W. R., Eekhout, I., & Heymans, M. W. (2019). Comparison of logistic-regression based methods for simple mediation analysis with a dichotomous outcome variable. *BMC Medical Research Methodology*, 19(1), 19.
38. Cudejko, T., van der Esch, M., van den Noort, J. C., **Rijnhart, J. J. M.**, van der Leeden, M., Roorda, L. D., Lems, W., Waddington, G., Harlaar, J., & Dekker, J. (2018). Decreased pain and improved dynamic knee instability mediate the beneficial effect of wearing a soft knee brace on activity limitations in persons with knee osteoarthritis. *Arthritis Care & Research*, 71(8), 1036-1043.
39. Hoogendijk, E. O., **Rijnhart, J. J. M.**, Kowal, P., Perez-Zepeda, M. U., Cesari, M., Abizanda, P., Flores Ruano, T., Schop-Etman, A., Huisman, M. & Dent, E. (2018). Socioeconomic inequalities in frailty among older adults in six low- and middle-income countries: Results from the WHO Study on global AGEing and adult health (SAGE). *Maturitas*, 115, 56-63.
40. Robitaille, A., van den Hout, A., Machado, R. J. M., Bennett, D. A., Cukic, I., Deary, I. J., Hofer, S. M., Hoogendijk, E. O., Huisman, M., Johansson, B., Koval, A.V., Van der Noordt, M., Piccinin, A. M., **Rijnhart, J. J. M.**, Singh-Manoux, A., Skoog, J., Skoog, I., Starr, J. Vermunt, L., Clouston, S., & Muniz Terrera, G. (2018). Transitions across cognitive states and death among older adults in relation to education: A multistate survival model using data from six longitudinal studies. *Alzheimer's & Dementia*, 14(4), 462-472.
41. Twisk, J. W. R., Bosman, L. C., Hoekstra, T., **Rijnhart, J. J. M.**, Welten, M., & Heymans, M. W. (2018). Different ways to estimate treatment effects in randomised controlled trials. *Contemporary Clinical Trials Communications*, 10, 80-85.
42. De Koning, E. J., Elstgeest, L. E. M., Comijs, H. C., Lips, P., **Rijnhart, J. J. M.**, van Marwijk, H. W. J., Beekman, A. T. F., Visser, M., Penninx, B. W. J. H., & van Schoor, N. M. (2018). Vitamin D Status and Depressive Symptoms in Older Adults: A Role for Physical Functioning? *American Journal of Geriatric Psychiatry*, 26(11), 1131-1143.
43. **Rijnhart, J. J. M.**, Twisk, J. W. R., Chinapaw, M. J. M., De Boer, M. R., & Heymans, M. W. (2017). Comparison of methods for the analysis of relatively simple mediation models. *Contemporary Clinical Trials Communications*, 7, 130-135.

44. Van Schoor, N. M., Zambon, S., Castell, M. V., Cooper, C., Denkinger, M., Dennison, E. M., Edwards, M. H., Herbolsheimer, F., Maggi, S., Sanchez-Martinez, M., Pedersen, N. L., Peter, R., Schaap, L. A., **Rijnhart, J. J. M.**, Van der Pas, S., & Deeg, D. J. (2016). Impact of clinical osteoarthritis of the hip, knee and hand on self-rated health in six European countries: the European Project on OsteoArthritis. *Quality of Life Research*, 25(6), 1423-1432.

### PUBLICATIONS IN DUTCH

1. Van Hoffen, M., **Rijnhart, J. J. M.**, Norder, G., Labuschagne, L., & Twisk, J. W. R. (2022). Psychische klachten en langdurig verzuim [Psychological complaints and long-term sickness absence]. *TBV–Tijdschrift voor Bedrijfs-en Verzekeringsgeneeskunde*, 30(7), 33-34.
2. Van Zutphen E.M., **Rijnhart J. J. M.**, Rhebergen, D., Muller, M., Huisman, M., Beekman, A., Kok, A. A. K., & Appelman, Y. (2021). Verschillen in cognitief functioneren tussen oudere mannen en vrouwen: de rol van cardiovasculaire gezondheid [Differences in cognitive functioning between older men and women: the role of cardiovascular health]. *Geron*, 23(2).
3. Blom, F., & **Rijnhart, J. J. M.** (2016). Van statistische significantie naar klinische relevantie [From statistical significance to clinical relevance]. *Podium voor Bio-ethiek*, 23(3), 18-21.

### INVITED COMMENTARIES

1. **Rijnhart, J. J. M.** & Valente, M. J. (2021). Commentary: explaining intervention and exposure effects: an introduction to mediation analysis. *Seminars in Thoracic and Cardiovascular Surgery*, S1043-0679 (21), 00486-X.

### SUBMITTED MANUSCRIPTS

(\*Indicates a student co-author)

1. †**Rijnhart, J. J. M.**, †Valente, M. J., & MacKinnon, D. P. (2023). *Effect decomposition in mediation analysis in the presence of non-collapsibility*. Manuscript submitted for publication.
2. **Rijnhart, J. J. M.** & Valente, M. J. (2023). *Choice between single or multiple mediator model impacts interpretation of mediation effects when mediators are statistically dependent or causally ordered*. Manuscript submitted for publication.
3. \*Eijrond, V., Claassen, L., **Rijnhart, J. J. M.**, & Timmermans, D. (2023). *Biospheric values are related to the attitude towards Intensive Livestock Farming for the general public but not for farmers: a survey study on attitude, values, perceived risks and benefits in the Netherlands*. Manuscript submitted for publication.
4. \*Vermeulen, E. A., **Rijnhart, J. J. M.**, Hoekstra, T., Oost, L. J., De Baaij, J. H. F., Blom, M. T., Elders, P., Vervloet, M. G., and Beulens, J. W. (2023). *Proton pump inhibitor induced hypomagnesemia and mortality: mediation analysis in the Diabetes Care System cohort*. Manuscript submitted for publication.
5. \*Kahlon, S., \*Benyahia, S. A., **Rijnhart, J. J. M.**, and Bishnoi, R. (2023). *Exploring the relationship between amyloid burden and depression in pre-clinical Alzheimer's disease*. Manuscript submitted for publication.

### INVITED PRESENTATIONS

1. **Rijnhart, J. J. M.** (2022, June). *Multiverse analysis: a method to assess the robustness of effect estimates*. Invited presentation at the Amsterdam Institute for Global Health and Development, Amsterdam, the Netherlands.

2. **Rijnhart, J. J. M.** (2021, November). *Multiverse analysis: a method to assess the robustness of effect estimates*. Invited tutorial and workshop at the Amsterdam Public Health Research Institute, Amsterdam, the Netherlands (online).
3. **Rijnhart, J. J. M.** (2021, September). *The similarities and differences between causal and traditional mediation analysis for models with a binary outcome*. Invited presentation at the Department of Cancer Epidemiology, Netherlands Cancer Institute, Amsterdam, the Netherlands (online).
4. **Rijnhart, J. J. M.** (2020, December). *An introduction to causal mediation analysis for health disparities research*. Invited presentation at the health disparities meeting organized by principal investigators of ZonMw funded health disparity projects, Amsterdam, the Netherlands (online).
5. **Rijnhart, J. J. M.** (2020, September). *The similarities and differences between causal and traditional mediation analysis for models with a binary outcome*. Invited presentation at the Department of Epidemiology and Data Science, Amsterdam UMC, Amsterdam, the Netherlands (online).
6. **Rijnhart, J. J. M.** (2019, April). *Non-collapsibility in mediation analysis with a binary outcome*. Invited presentation at the weekly lab-meeting of the Research in Prevention Laboratory, Department of Psychology, Arizona State University, Tempe, USA.
7. **Rijnhart, J. J. M.** (2018, September & October). *Mediatie analyse [Mediation analysis]*. Two invited lectures at the Amsterdam Rehabilitation Research Center Reade, Amsterdam, the Netherlands.
8. **Rijnhart, J. J. M.** (2018, March). *A short introduction into statistical mediation analysis*. Invited presentation at the monthly PhD-meeting of the Longitudinal Aging Study Amsterdam, Amsterdam, the Netherlands.
9. Heymans, M. W. & **Rijnhart, J. J. M.** (2017, November). *Statistical mediation analysis*. Invited presentation at the 2<sup>nd</sup> annual meeting of the Amsterdam Public Health Research Institute, Amsterdam, the Netherlands.
10. **Rijnhart, J. J. M.** (2017, September). *Mediatie analyse: een blended learning cursus [Mediation analysis: a blended learning course]*. Invited presentation at Samenwerkende Universitaire Reken Faciliteiten (SURF), Utrecht, the Netherlands.

## SELECTED PRESENTATIONS AND POSTERS

(\*Indicates a student co-author)

1. \*Robinson, S. R., Salemi, J. L., Meng, H., & **Rijnhart, J. J. M.** (2023, November). *Examining the non-linear association between years of education and late-life cognition*. Poster presented at the 2023 Annual Scientific Meeting of the Gerontological Society of America, Tampa, FL, United States of America.
2. **Rijnhart, J. J. M.**, Valente, M. J., Kok, A., & Huisman., M. (2023, November). *Education as a mediator of gender differences in cognition in older adults*. Poster presented at the 2023 Annual Scientific Meeting of the Gerontological Society of America, Tampa, FL, United States of America.
3. **Rijnhart, J. J. M.** & Valente, M. J. (2023, June). *Parallel multiple mediator models may lead to wrong conclusions on the relative importance of mediators when mediators are causally ordered*. Paper presented at the 31<sup>st</sup> Annual Meeting of the Society for Prevention Research, Washington DC, United States of America.
4. Valente, M. J. & **Rijnhart, J. J. M.** (2023, June). *A simulation-based approach for estimating moderated treatment effects in health disparities research*. Paper presented at the 31<sup>st</sup> Annual Meeting of the Society for Prevention Research, Washington DC, United States of America.

5. Valente, M. J., **Rijnhart, J. J. M.**, Smyth, H. L., Muniz, F. B., & MacKinnon, D. P. (2023, February). *Causal Mediation Programs in R, Mplus, SAS, SPSS, and Stata*. Paper presented at the Conference for Statistical Practice, San Francisco, CA, United States of America.
6. \*Mank, A., Van Maurik, I. S., Van Harten, A. C., Teunissen, C. E., Berkhof, J., Van der Flier, W. M., & **Rijnhart, J. J. M.** (2022, October). *Mobility is a crucial factor for maintaining life satisfaction in Alzheimer's disease*. Paper presented at the 32<sup>nd</sup> Alzheimer Europe Conference, Bucharest, Romania (online).
7. \*Mank, A., **Rijnhart, J. J. M.**, Van Maurik, I. S., Jönsson, L., Handels, R., Bakker, E. D., Van Harten, A. C., Teunissen, C. E., Van Berckel, B. N. M., Berkhof, J., & Van der Flier, W. M. (2022, July). *A longitudinal study on quality of life along the spectrum of Alzheimer's disease*. Paper presented at the Alzheimer's Association International Conference (AAIC), San Diego, CA, USA.
4. Pan, K.-Y., Van Tuijl, L., Basten, M., **Rijnhart, J. J. M.**, Portengen, L., Graeff, A., Dekker, J., Geerlings, M. I., Hoogendoorn, A., Ranchor, A. V., Vermeulen, R., Voogd, A., the PSY-CA consortium, & Lamers, F. (2022, June). *The mediation of health behaviors in the association of depression and anxiety with the risk of cancer: An individual participant data meta-analysis*. Poster presented at the 46<sup>th</sup> annual Dutch Epidemiology Conference (WEON), Nijmegen, the Netherlands.
5. **Rijnhart, J. J. M.**, Valente, M. J., Smyth, H. L., & MacKinnon, D. P. (2021, July). *Correspondence between causal and traditional mediation analysis for models with binary mediator and outcome variables*. Paper presented at the 9<sup>th</sup> European Congress of Methodology (EAM), Valencia, Spain (online).
6. **Rijnhart, J. J. M.**, Twisk, J. W. R., Deeg, D. J. H., & Heymans, M. W. (2021, June). *Assessing the robustness of mediation analysis results using multiverse analysis*. Paper presented at the 45<sup>th</sup> annual Dutch Epidemiology Conference (WEON), Amsterdam, the Netherlands (online).
7. Schuster, N. A., Twisk, J. W. R., Ter Riet, G., Heymans, M. W., & **Rijnhart, J. J. M.** (2021, June). *Noncollapsibility in logistic regression: the problem you never knew you had*. Poster presented at the 45<sup>th</sup> annual Dutch Epidemiology Conference (WEON), Amsterdam, the Netherlands (online).
8. Van Zutphen, E. M., Kok, A., Rhebregen, D., **Rijnhart, J. J. M.**, Huisman, M., & Beekman, A. (2021, March). *Depressive symptoms, cardiovascular morbidity and loneliness have risk increasing effects on one another in aging, a 13-year follow-up study among Dutch older adults*. Poster presented at the annual meeting of the American Association for Geriatric Psychiatry (AAGP) Nijmegen, the Netherlands (online).
9. **Rijnhart, J. J. M.**, Valente, M. J., & MacKinnon, D. P. (2019, June). *Total effect decomposition in mediation analysis with a continuous mediator and a binary outcome*. Paper presented at the 44<sup>th</sup> annual Dutch Epidemiology Conference (WEON), Groningen, the Netherlands.
10. Valente, M. J., **Rijnhart, J. J. M.**, & MacKinnon, D. P. (2019, May). *Causal direct and indirect effects: The link between traditional logistic regression and the potential outcomes framework for binary outcomes*. Paper presented at the 27<sup>th</sup> annual meeting of the Society for Prevention Research (SPR), San Francisco, CA, USA.
11. **Rijnhart, J. J. M.**, Valente, M. J., & MacKinnon, D. P. (2019, May). *Total effect decomposition in mediation analysis with a binary outcome*. Paper presented at the 27<sup>th</sup> annual meeting of the Society for Prevention Research (SPR), San Francisco, CA, USA.
12. **Rijnhart, J. J. M.**, Valente, M. J., MacKinnon, D. P., Twisk, J. W. R., & Heymans, M. W. (2018, November). *Causal direct and indirect effects: the link between traditional logistic regression and the potential outcomes framework for binary outcomes*. Poster presented at the 3<sup>rd</sup> annual meeting of the Amsterdam Public Health (APH) Research Institute, Amsterdam, the Netherlands.
13. Hoogendijk, E. O., **Rijnhart, J. J. M.**, Robitaille, A., Skoog, J., Van den Hout, A., Hofer, S. M., & Muniz-Terrera, G. (2018, November). *Gait speed as a predictor of transition into cognitive impairment*. Paper presented at the annual meeting of the Gerontological Society of America (GSA), Boston, MA, USA.



14. Robitaille, A., Muniz-Terrera, G., Van den Hout, A., Hoogendijk, E. O., Koval, A. V., **Rijnhart, J. J. M.**, Skoog, J., & Hofer, S. M. (2018, November). *Does cognitive lifestyle matter? Examining transitions between cognitive states using MSM across four studies*. Paper presented at the annual meeting of the Gerontological Society of America (GSA), Boston, MA, USA.
15. Muniz-Terrera, G., Robitaille, A., Van den Hout, A., Mariano Machado, R., Cukic, I., Hoogendijk, E., Koval, A. V., Piccinin, A. M., **Rijnhart, J. J. M.**, Skoog, J., Deary, I. J., Johansson, B., Singh-Manoux, A., Skoog, I., Huisman, M., & Hofer, S. M. (2018, July). *Factors and transitions between cognitive states: a multi-study approach using data from six international longitudinal studies of ageing*. Paper presented at the Alzheimer's Association International Conference (AAIC), Chicago, IL, USA.
16. **Rijnhart, J. J. M.**, Twisk, J. W. R., Robitaille, A., Huisman, M., & Heymans, M. W. (2018, June). *Comparison of methods for longitudinal mediation analysis using cognitive health data*. Paper presented at the 51<sup>st</sup> annual meeting of the Society for Epidemiologic Research (SER), Baltimore, MD, USA.
17. Bosman, L.C., **Rijnhart, J. J. M.**, Twisk, J. W. R., & Heymans, M. W. (2018, June). *Comparison of methods for estimating treatment effects on observational data*. Poster presented at the 51<sup>st</sup> annual meeting of the Society for Epidemiologic Research (SER), Baltimore, MD, USA.
18. **Rijnhart, J. J. M.**, Twisk, J. W. R., Eekhout, I., & Heymans, M. W. (2017, September). *Comparison of methods for the statistical mediation analysis of models with a dichotomous outcome variable*. Poster presented at the 11<sup>th</sup> annual Science Exchange Day of the VU Medical Center, Amsterdam, the Netherlands.
19. **Rijnhart, J. J. M.**, Twisk, J. W. R., Eekhout, I., & Heymans, M. W. (2017, August). *Comparison of methods for the statistical mediation analysis of models with a dichotomous outcome variable*. Poster presented at the 21<sup>st</sup> World Congress of Epidemiology, Tokyo-Yokohama, Japan.
20. Robitaille, A., Van den Hout, A., Mariano Machado, R. J., Cukic, I., Deary, I., Hofer, S. M., Hoogendijk, E. O., Koval, A., Van der Noordt, M., Piccinin, A. M., **Rijnhart, J. J. M.**, Skoog, J., Skoog, I., Vermunt, L., & Muniz-Terrera, G. (2017, July). *Transitions across cognitive states among older adults and education: a multi-state survival model*. Paper presented at the Alzheimer's Association International Conference (AAIC), London, UK.
21. Robitaille, A., Van den Hout, A., Machado, R. J., Cukic, I., Koval, A., **Rijnhart, J. J. M.**, Skoog, J., & Muniz-Terrera, G. (2017, July). *Transitions across cognitive states among older adults and education: a multi-state survival model*. Paper presented at the 21<sup>st</sup> International Association of Gerontology and Geriatrics (IAGG) World Congress, San Francisco, CA, USA.
22. **Rijnhart, J. J. M.**, Twisk, J. W. R., De Boer, M. R., & Heymans, M. W. (2015, September). *Comparison of methods for mediation analysis using two cross-sectional data examples with a continuous outcome and mediator variable*. Paper presented at the Methods in Epidemiology symposium, Leuven, Belgium.
23. **Rijnhart, J. J. M.**, Spaan, M., Van den Belt-Dusebout, A. W., Kroon, M. D., Burger, C. W., & Van Leeuwen, F. E. (2014, June). *Risk of breast cancer in women who started oral contraceptive use before the age of sixteen*. Paper presented at the 39<sup>th</sup> annual Dutch Epidemiology Conference (WEON), Leiden, the Netherlands.

## STUDENT ADVISING

### Doctoral Students

2023-present	Adriana Campos	Committee member	PhD in Epidemiology, University of South Florida
2022-present	Jinyong Pang	Committee member	PhD in Biostatistics, University of South Florida

2022-present	Fahad Mansuri	Committee member	PhD in Epidemiology, University of South Florida
2021-present	Arenda Mank	Co-advisor	Faculty of Medicine, VU University, Amsterdam, the Netherlands
2020-2022	Noah Schuster	Co-advisor	Faculty of Medicine, VU University, Amsterdam, the Netherlands

### Master's Students

2023-present	Brooke Yost	Committee member	MSPH in Epidemiology, University of South Florida, Tampa, USA
2023	Lenka Pacnerova	Committee member	MSc Industrial Engineering and Management (Healthcare Technology and Management), University of Twente, Enschede, the Netherlands
2022-2023	Sara Robinson	Co-major professor	MSPH in Epidemiology, University of South Florida, Tampa, USA
2020-2021	Emma Vermeulen	Committee member	MSc in Epidemiology, Amsterdam University Medical Center, Amsterdam, the Netherlands

### Undergraduate Students

2017	Lisa van Bentum	Co-advisor	Bachelor's program in Health Sciences, VU University, Amsterdam, the Netherlands
2017	Marjolein Donker	Co-advisor	Bachelor's program in Health Sciences, VU University, Amsterdam, the Netherlands
2017	Henriëtte Meijer	Co-advisor	Bachelor's program in Health Sciences, VU University, Amsterdam, the Netherlands

### International Visiting Scholars

2024	Daniëlle Holthuijsen	Mentor	PhD student from Maastricht University visiting the College of Public Health, University of South Florida, Tampa, USA.
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## TEACHING EXPERIENCE

### Courses taught

2024-present	PHC 6943 Integrated Learning Experience (ILE)	Master in Public Health, University of South Florida, Tampa, USA.
2024-present	PHC 6949 Applied Practice Experiences (APE)	Master in Public Health, University of South Florida, Tampa, USA.

2023-present	PHC 6010 Epidemiology Methods I	Master (of Science) in Public Health, University of South Florida, Tampa, USA.
2023	PHC 6971 Thesis: MSPH	Master of Science in Public Health, University of South Florida, Tampa, USA.
2018-2022	K82 Mediation analysis	Master's program in Epidemiology, Amsterdam University Medical Center, Amsterdam, the Netherlands

### Guest lectures

2024	Guest lecture titled "Introduction to Mediation Analysis"	GEY 6403 Multivariate Statistics in Aging Research, University of South Florida, Tampa, USA.
2023	Guest lecture titled "Introduction to Mediation Analysis"	Research Master in Clinical and Developmental Psychology, VU University, Amsterdam, the Netherlands
2023	Guest lecture titled "Introduction to Mediation Analysis"	PHC 7045: Practical Issues in Epidemiology, University of South Florida, Tampa, USA.
2023	Guest lecture titled "Causal effects in environmental epidemiology"	PHC 3302: Introduction to Environmental & Occupational Health, University of South Florida, Tampa, USA.
2022	Panel on Faculty Searches	HSC 7268: Professional Foundations III, University of South Florida, Tampa, USA
2020-2021	Two 3-hour lectures on mediation analysis	Minor Medical Research to Clinical Practice, VU University, Amsterdam, the Netherlands
2016-2019	One 3-hour lecture on mediation analysis	Minor Medical Research to Clinical Practice, VU University, Amsterdam, the Netherlands

### Curriculum development

2020-2022	Blended learning coordinator	Master's program in Epidemiology, Amsterdam University Medical Center, Amsterdam, the Netherlands
2017-2020	Coordinator of three SPSS computer labs (e-learning modules) in the course Medical Scientific Research I	Bachelor's program in Medicine, VU University, Amsterdam, the Netherlands
2017	Replaced the educational coordinator of all methodology courses in the bachelor's	Bachelor's program in Medicine, VU University, Amsterdam, the Netherlands

program in Medicine during her pregnancy and maternity leave

### Teaching assistant positions

2015-2021	Medical Scientific Research II	Bachelor's program in Medicine, VU University, Amsterdam, the Netherlands
2020	K73 Longitudinal Data Analysis	Master's program in Epidemiology, Amsterdam University Medical Center, Amsterdam, the Netherlands
2014-2020	Medical Scientific Research I	Bachelor's program in Medicine, VU University, Amsterdam, the Netherlands
2016-2018	Minor Medical Research to Clinical Practice	Bachelor's program in Medicine, VU University, Amsterdam, the Netherlands
2016	Physician and Patient IV	Bachelor's program in Medicine, VU University, Amsterdam, the Netherlands
2015, 2016	Biostatistics	Master's program in Cardiovascular Research & Master's program in Oncology, VU University, Amsterdam, the Netherlands
2015	R01 SPSS	Master's program in Epidemiology, Amsterdam University Medical Center, Amsterdam, the Netherlands
2014, 2017	V30 Regression Analysis	Master's program in Epidemiology, Amsterdam University Medical Center, Amsterdam, the Netherlands
2014	Epidemiology and Biostatistics II	Bachelor's program in Health Sciences, VU University, Amsterdam, the Netherlands
2014	Epidemiology and Biostatistics III	Bachelor's program in Health Sciences, VU University, Amsterdam, the Netherlands
2014	Methodology I	Bachelor's program in Health and Life Sciences, VU University, Amsterdam, the Netherlands
2014	Methodology III	Bachelor's program in Health and Life Sciences, VU University, Amsterdam, the Netherlands
2013	Methodology and Applied Biostatistics I	Pre-master's program in Health Sciences, VU University, Amsterdam, the Netherlands

2013	Methodology and Applied Biostatistics II	Pre-master's program in Health Sciences, VU University, Amsterdam, the Netherlands
2013	Methodology II	Bachelor's program in Health and Life Sciences, VU University, Amsterdam, the Netherlands
2013	Epidemiology and Biostatistics I	Bachelor's program in Health Sciences, VU University, Amsterdam, the Netherlands

## PROFESSIONAL SERVICE

### Committees

2023-present	Member of the Poster Contest Committee at the Annual Meeting of the Society for Prevention Research.	Early Career Preventionist Network
2021-2022	Faculty member of the educational committee of the Master's program in Epidemiology	Amsterdam University Medical Center, Amsterdam, the Netherlands
2020-2022	Chair of the monthly Methodology Meetings of the research group on Epidemiology of Aging and Longitudinal Modelling	Amsterdam University Medical Center, Amsterdam, the Netherlands
2016-2020	Chair of the monthly meetings of the research group on Longitudinal Modelling	Amsterdam University Medical Center, Amsterdam, the Netherlands
2013-2014	Student member of the educational committee of the Master's program in Health Sciences	VU University, Amsterdam, the Netherlands

### Conference service

2023	Abstract reviewer	32nd Annual Meeting of the Society for Prevention Research, Washington DC, United States
2023	Chair of the Innovative Methods for Identifying and Explaining Health Inequality symposium	31st Annual Meeting of the Society for Prevention Research, Washington DC, United States
2022	Abstract reviewer	31st Annual Meeting of the Society for Prevention Research, Washington DC, United States
2021	Chair of the Advanced Topics in Mediation Analysis symposium	9 <sup>th</sup> European Congress of Methodology (EAM), Valencia, Spain (online)
2021	Co-chair of the Methodology I session	45 <sup>th</sup> annual Dutch Epidemiology Conference (WEON), Amsterdam, the Netherlands (online)
2021	Chair of Poster Award Session 2	45 <sup>th</sup> annual Dutch Epidemiology Conference (WEON), Amsterdam, the Netherlands (online)

2021	Member of the jury for the Poster Award	45 <sup>th</sup> annual Dutch Epidemiology Conference (WEON), Amsterdam, the Netherlands (online)
2017	Volunteer	5 <sup>th</sup> World Conference on Research Integrity, Amsterdam, the Netherlands

### University service

2023, 2024	Poster Judge	2023 USF Health Research Day, University of South Florida, Tampa, United States
2023, 2024	Abstract Reviewer	Graduate Student Research Symposium, University of South Florida, Tampa, United States

### Service to the community

2024	Gave a webinar titled: "Women's dementia risk and the impact of education and occupation".	Alzheimer's Association Florida Gulf Coast Chapter
2023	Provided information on my Alzheimer's Association funded research project to people attending the #AlzFunded booth.	Walk to end Alzheimer's Tampa, Alzheimer's Association Florida Gulf Coast Chapter

### Ad hoc reviewer

Behavior Research Methods; BMC Medical Research Methodology; British Medical Journal; Communications Medicine; Diabetologia (*Statistics reviewer*); Epidemiologic Methods; Evaluation & the Health Professions; Frontiers in Education; Frontiers in Epidemiology; Frontiers in Psychology; Gerontology; Journal of Alzheimer's Disease; Journal of Clinical Epidemiology; Journal of Orthopaedic & Sports Physical Therapy; Journal of the Royal Statistical Society: Series C; PLOS ONE; Prevention Science; Psychological Trauma: Theory, Research, Practice and Policy; The Lancet Public Health; SAGE open; Statistical Methods & Applications; Statistics and Computing

### Grant proposal reviewer

2024 – Reviewed a full proposal submitted to the Alzheimers Association Research Grant to Promote Diversity (AARG-D) program - Alzheimer's Association  
 2023 – Reviewed letter's of intent for the Alzheimers Association Research Grant Program – Alzheimer's Association  
 2023 – Reviewed four full proposals submitted to the Sex and Gender in Alzheimer's (SAGA 23) Award Program – Alzheimer's Association

### Memberships

2023-present	Member	Gerontological Society of America
2021-present	Member	Society for Epidemiologic Research
2020-present	Member	Dutch Epidemiological Society
2019-present	Member	Fulbrighter, the networking platform for Fulbright alumni and grantees
2018-present	Member	Society for Prevention Research

2017-2022	Member	Netherlands Society for Statistics and Operations Research
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### HONORS AND AWARDS

2023	Included in the Stanford/Elsevier list of top 2% scientists globally	Stanford/Elsevier
2023	Abstract of Distinction for the symposium titled "Innovative Methods for Identifying and Explaining Health Inequality"	31st Annual Meeting of the Society for Prevention Research, Washington DC, United States
2022	Acknowledged as a Key Referee	Diabetologia
2019	Nominated for the Oral Presentation Award	44 <sup>th</sup> annual Dutch Epidemiology Conference (WEON), Groningen, the Netherlands
2016	Nominated for the Professor H.W. Lambers Prize	Erasmus University, Rotterdam, the Netherlands
2014	Cum Laude M.Sc. in Health Sciences	VU University, Amsterdam, the Netherlands
2014	Nominated for the Student Oral Presentation Award	39 <sup>th</sup> annual Dutch Epidemiology Conference (WEON), Leiden, the Netherlands

### PROFESSIONAL EXPERIENCE

2015-2022	Member of the statistical consultancy pool (E&B Xpert) of the department of Epidemiology and Data Science	Amsterdam University Medical Center, Amsterdam, the Netherlands
2018, 2019	Visiting research scholar. I collaborated with Dr. David MacKinnon on the evaluation of causal mediation analysis methods for mediation models with binary variables.	Arizona State University, Tempe, AZ, USA
2014	Research intern on a project aiming to assess the risk of breast cancer in women who initiated oral contraceptive use before the age of sixteen.	Netherlands Cancer Institute, Amsterdam, the Netherlands
2011-2012	Research intern on a qualitative research project on lifestyle-oriented prevention with a patient-centered approach. For this project I conducted and multiple interviews.	Windesheim University of Applied Sciences, Zwolle, the Netherlands

### CONTINUED PROFESSIONAL DEVELOPMENT

#### Research

2024	Analysis of Complex Survey Data	Statistical Horizons
2022	Social / Behavioral Investigators and Key Personnel	Collaborative Institutional Training Initiative (CITI Program)

2022	NIH Grant Writing workshop	College of Public Health, University of South Florida, Tampa, United States of America
2022	Early Career Awards Workshop	University of South Florida, Tampa, United States of America
2022	Missing Data	Statistical Horizons
2019	Single Subject Causal Mediation Analysis (selected participant)	Lorentz Center, Leiden, the Netherlands
2018	Latent Growth Mixture Modeling (selected participant)	Integrative Analysis of Longitudinal Studies of Aging and Dementia Research Network (IALSA), State College, PA, USA
2018	Multistate Modeling III (selected participant)	Integrative Analysis of Longitudinal Studies of Aging and Dementia Research Network (IALSA), Montreal, Canada
2017	Basic and Advanced Multilevel Modeling with Mplus	Global School in Empirical Research Methods, St. Gallen, Switzerland
2017	Research Integrity	Amsterdam University Medical Center, Amsterdam, the Netherlands
2016	Multistate Modeling II (selected participant)	Integrative Analysis of Longitudinal Studies of Aging and Dementia Research Network (IALSA), Edinburgh, Scotland
2016	Multistate Modeling I (selected participant)	Integrative Analysis of Longitudinal Studies of Aging and Dementia Research Network (IALSA), Amsterdam, the Netherlands
2015	Structural Equation Modeling	Radboud University, Nijmegen, the Netherlands
2015	Chronic Disease	University of Cambridge, Cambridge, United Kingdom

## Teaching

2023	Mental Health First Aid	University of South Florida, Tampa, United States of America
2023	Workshop Chat-GPT: Reimagining Learning and Teaching	Center for Innovative Teaching and Learning, University of South Florida, Tampa, United States of America
2022	Senior Teaching Qualification <i>A one-year course for senior teachers. The course was focused on educational innovation and the development of coordination and management skills.</i>	VU University, Amsterdam, the Netherlands



2017	Basic Teaching Qualification <i>An 8 month course focused on the development of basic didactic skills, including the development of an individual teaching style, supervision of students, and course (re)design.</i>	Amsterdam University Medical Center, Amsterdam, the Netherlands
2017	Teaching in English <i>A course of eight 2.5 hour sessions with the goal to develop a level of oral proficiency in order to provide clear lectures and tutorials in English.</i>	Taalcentrum, VU University, Amsterdam, the Netherlands
<b>Other</b>		
2022	Diversity, Equity & Inclusion 101	Academic Impressions

### SOFTWARE SKILLS

Stata, SPSS, Rstudio, Mplus, EndNote

### LANGUAGES

English	Professional fluency (CEFR: C2)
Dutch	Native speaker (CEFR: C2)
Spanish	Basic user (CEFR: A1)

### DISSERTATION

Title	Comparison of methods for statistical mediation analysis within epidemiological research
Approved	April 28 <sup>th</sup> , 2020
Defended	March 25 <sup>th</sup> , 2021 (oral defense was postponed to the spring of 2021 due to the COVID19 pandemic)
Advisors	Dr. Jos Twisk and Dr. Martijn Heymans
Committee	Dr. Joline Beulens, Dr. Saskia Le-Cessie, Dr. Harry Ganzeboom, Dr. Rolf Groenwold, Dr. David MacKinnon, and Dr. Maartje van Stralen,
Institution	VU University, Amsterdam, The Netherlands