

Peer-Reviewed Journals:

Hasl, A., **Voelkle, M. C.**, Driver, C., Kretschmann, J., & Brunner, M. (2024). Leveraging Observation Timing Variability to Understand Intervention Effects in Panel Studies: An Empirical Illustration and Simulation Study. *Structural Equation Modeling: A Multidisciplinary Journal*, 31(1), 48-63. <https://doi.org/10.1080/10705511.2023.2224515>

Genç, E., Metzen, D., Fraenz, C., Schlueter, C., **Voelkle, M. C.**, Arning, L., Streit, F., Nguyen, H. P., Güntürkün, O., Ocklenburg, S., & Kumsta, R. (2023). Structural architecture and brain network efficiency link polygenic scores to intelligence. *Human Brain Mapping*, 44(8), 3359-3376. [https://doi.org/https://doi.org/10.1002/hbm.26286](https://doi.org/10.1002/hbm.26286)

Godara, M., Rademacher, J., Hecht, M., Silveira, S., **Voelkle, M. C.**, & Singer, T. (2023). Heterogeneous Mental Health Responses to the COVID-19 Pandemic in Germany: An Examination of Long-Term Trajectories, Risk Factors, and Vulnerable Groups. *Healthcare*, 11(9), 1305. <https://www.mdpi.com/2227-9032/11/9/1305>

Hasl, A., **Voelkle, M.**, Kretschmann, J., Richter, D., & Brunner, M. (2023). A Dynamic Structural Equation Approach to Modeling Wage Dynamics and Cumulative Advantage across the Lifespan. *Multivariate Behavioral Research*, 58(3), 504-525. <https://doi.org/10.1080/00273171.2022.2029339>

Hecht, M., Horstmann, K. T., Arnold, M., Sherman, R. A., & **Voelkle, M. C.** (2023). Modeling dynamic personality theories in a continuous-time framework: An illustration. *Journal of Personality*, 91(3), 718-735. [https://doi.org/https://doi.org/10.1111/jopy.12769](https://doi.org/10.1111/jopy.12769)

Koch, T., **Voelkle, M. C.**, & Driver, C. C. (2023). Analyzing Longitudinal Multirater Data with Individually Varying Time Intervals. *Structural Equation Modeling: A Multidisciplinary Journal*, 30(1), 86-104. <https://doi.org/10.1080/10705511.2022.2096612>

Lazarides, C., Moog, N. K., Verner, G., **Voelkle, M. C.**, Henrich, W., Heim, C. M., Braun, T., Wadhwa, P. D., Buss, C., & Entringer, S. (2023). The association between history of prenatal loss and maternal psychological state in a subsequent pregnancy: an ecological momentary assessment (EMA) study. *Psychological Medicine*, 53(3), 855-865. <https://doi.org/10.1017/S0033291721002221>

Orzek, J. H., & **Voelkle, M. C.** (2023). Regularized continuous time structural equation models: A network perspective. *Psychological Methods*, 28(6), 1286-1320. <https://doi.org/10.1037/met0000550>

Orzek, J. H., Arnold, M., & **Voelkle, M. C.** (2023). Striving for Sparsity: On Exact and Approximate Solutions in Regularized Structural Equation Models. *Structural Equation Modeling: A Multidisciplinary Journal*, 30(6), 956-973. <https://doi.org/10.1080/10705511.2023.2189070>

Reinecke, J., Erdmann, A., & **Voelkle, M. C.** (2023). Continuous Time Modeling with Criminological Panel Data: An Application to the Longitudinal Association between Victimization and Offending. *Methods, data, analyses*, 1-29. <https://doi.org/10.12758/mda.2023.01>

Schulz-Zhecheva, Y., **Voelkle, M. C.**, Beauducel, A., Biscaldi, M., & Klein, C. (2023). Intra-Subject Variability, Intelligence, and ADHD Traits in a Community-Based Sample. *Journal of Attention Disorders*, 27(1), 67-79. <https://doi.org/10.1177/10870547221118523>

Silveira, S., Hecht, M., **Voelkle, M. C.**, & Singer, T. (2023). Tend-and-befriend and rally around the flag effects during the COVID-19 pandemic: Differential longitudinal change patterns in multiple aspects of social cohesion. *European Journal of Social Psychology*, 53(6), 1276-1293. [https://doi.org/https://doi.org/10.1002/ejsp.2974](https://doi.org/10.1002/ejsp.2974)

Bringmann, L. F., Albers, C., Bockting, C., Borsboom, D., Ceulemans, E., Cramer, A., Epskamp, S., Eronen, M. I., Hamaker, E., Kuppens, P., Lutz, W., McNally, R. J., Molenaar, P., Tio, P., **Voelkle, M. C.**, & Wichers, M. (2022). Psychopathological networks: Theory, methods and practice. *Behaviour Research and Therapy*, 149, 104011. <https://doi.org/https://doi.org/10.1016/j.brat.2021.104011>

Gische, C., & **Voelkle, M. C.** (2022). Beyond the Mean: A Flexible Framework for Studying Causal Effects Using Linear Models. *Psychometrika*, 87(3), 868-901. <https://doi.org/10.1007/s11336-021-09811-z>

Klumb, P. L., Lee, S., Siegler, S., Piskernik, B., Jensen, R., & **Voelkle, M. C.** (2022). Resource-Building Processes Across Life Domains: Father-Child Interactions as Starting Points for Resource Caravans. *Journal of Happiness Studies*, 23(7), 3263-3283. <https://doi.org/10.1007/s10902-022-00523-4>

Lohmann, J. F., Zitzmann, S., **Voelkle, M. C.**, & Hecht, M. (2022). A primer on continuous-time modeling in educational research: an exemplary application of a continuous-time latent curve model with structured residuals (CT-LCM-SR) to PISA Data. *Large-scale Assessments in Education*, 10(1), 5. <https://doi.org/10.1186/s40536-022-00126-8>

Silveira, S., Hecht, M., Adli, M., **Voelkle, M. C.**, & Singer, T. (2022). Exploring the Structure and Interrelations of Time-Stable Psychological Resilience, Psychological Vulnerability, and Social Cohesion. *Frontiers in Psychiatry*, 13. <https://doi.org/10.3389/fpsyg.2022.804763>

Silveira, S., Hecht, M., Matthaeus, H., Adli, M., **Voelkle, M. C.**, & Singer, T. (2022). Coping with the COVID-19 Pandemic: Perceived Changes in Psychological Vulnerability, Resilience and Social Cohesion before, during and after Lockdown. *International Journal of Environmental Research and Public Health*, 19(6), 3290. <https://doi.org/10.3390/ijerph19063290>

Winter, S. M., Dittrich, K., Dörr, P., Overfeld, J., Moebus, I., Murray, E., Karaboycheva, G., Zimmermann, C., Knop, A., **Voelkle, M. C.**, Entringer, S., Buss, C., Haynes, J. D., Binder, E. B., & Heim, C. (2022). Immediate impact of child maltreatment on mental, developmental, and physical health trajectories. *J Child Psychol Psychiatry*, 63(9), 1027-1045. <https://doi.org/10.1111/jcpp.13550>

Arnold, M., Brandmaier, A. M., & **Voelkle, M. C.** (2021). Predicting Differences in Model Parameters with Individual Parameter Contribution Regression Using the R Package ipcr. *Psych*, 3(3), 360-385. <https://doi.org/10.3390/psych3030027>

Arnold, M., **Voelkle, M. C.**, & Brandmaier, A. M. (2021). Score-Guided Structural Equation Model Trees. *Frontiers in Psychology*, 11(3913). <https://doi.org/10.3389/fpsyg.2020.564403>

Eising, C. M., **Voelkle, M. C.**, Rohner, S. L., Maercker, A., & Thoma, M. V. (2021). Lifetime post-traumatic stress disorder in older individuals with a history of institutional upbringing in childhood: the role of social acknowledgement and stressful life events. *European Journal of Psychotraumatology*, 12(1), 1915578. <https://doi.org/10.1080/20008198.2021.1915578>

Genç, E., Schlüter, C., Fraenz, C., Arning, L., Metzen, D., Nguyen, H. P., **Voelkle, M. C.**, Streit, F., Güntürkün, O., Kumsta, R., & Ocklenburg, S. (2021). Polygenic Scores for Cognitive Abilities and Their Association with Different Aspects of General Intelligence-A Deep Phenotyping Approach. *Mol Neurobiol*, 58(8), 4145-4156.
<https://doi.org/10.1007/s12035-021-02398-7>

Gische, C., West, S. G., & **Voelkle, M. C.** (2021). Forecasting Causal Effects of Interventions versus Predicting Future Outcomes. *Structural Equation Modeling: A Multidisciplinary Journal*, 28(3), 475-492. <https://doi.org/10.1080/10705511.2020.1780598>

Godara, M., Silveira, S., Matthäus, H., Heim, C., **Voelkle, M. C.**, Hecht, M., Binder, E. B., & Singer, T. (2021). Investigating differential effects of socio-emotional and mindfulness-based online interventions on mental health, resilience and social capacities during the COVID-19 pandemic: The study protocol. *PLOS ONE*, 16(11), e0256323.
<https://doi.org/10.1371/journal.pone.0256323>

Hecht, M., & **Voelkle, M. C.** (2021). Continuous-time modeling in prevention research: An illustration. *International Journal of Behavioral Development*, 45(1), 19-27.
<https://doi.org/10.1177/016502541985026>

Zyphur, M. J., Hamaker, E. L., Tay, L., **Voelkle, M. C.**, Preacher, K. J., Zhang, Z., Allison, P. D., Pierides, D. C., Koval, P., & Diener, E. F. (2021). From Data to Causes III: Bayesian Priors for General Cross-Lagged Panel Models (GCLM) [Methods]. *Frontiers in Psychology*, 12(112). <https://doi.org/10.3389/fpsyg.2021.612251>

Arnold, M., Oberski, D. L., Brandmaier, A. M., & **Voelkle, M. C.** (2020). Identifying Heterogeneity in Dynamic Panel Models with Individual Parameter Contribution Regression. *Structural Equation Modeling: A Multidisciplinary Journal*, 27(4), 613-628.
<https://doi.org/10.1080/10705511.2019.1667240>

Bach, D. R., Melinščak, F., Fleming, S. M., & **Voelkle, M. C.** (2020). Calibrating the experimental measurement of psychological attributes. *Nature Human Behaviour*, 4(12), 1229-1235. <https://doi.org/10.1038/s41562-020-00976-8>

Brose, A., Schmiedek, F., Gerstorf, D., & **Voelkle, M. C.** (2020). The measurement of within-person affect variation. *Emotion*, 20(4), 677-699. doi:10.1037/emo0000583

Guthier, C., Dormann, C., & **Voelkle, M. C.** (2020). Reciprocal effects between job stressors and burnout: A continuous time meta-analysis of longitudinal studies. *Psychological Bulletin*, 146(12), 1146-1173. <https://doi.org/10.1037/bul0000304>

Hardt, K., Hecht, M., & **Voelkle, M. C.** (2020). Robustness of Individual Score Methods against Model Misspecification in Autoregressive Panel Models. *Structural Equation Modeling: A Multidisciplinary Journal*, 27(2), 240-254. doi:10.1080/10705511.2019.1642755

Karch, J. D., Brandmaier, A. M., & **Voelkle, M. C.** (2020). Gaussian Process Panel Modeling—Machine Learning Inspired Analysis of Longitudinal Panel Data. *Frontiers in Psychology*, 11(351). doi:10.3389/fpsyg.2020.00351

Lazarides, C., Ward, E. B., Buss, C., Chen, W.-P., **Voelkle, M. C.**, Gillen, D. L., Wadhwa, P. D., Entringer, S. (2020). Psychological stress and cortisol during pregnancy: An ecological momentary assessment (EMA)-Based within- and between-person analysis. *Psychoneuroendocrinology*, 121, 104848. doi: 10.1016/j.psyneuen.2020.104848

Neubauer, A. B., **Voelkle, M. C.**, Voss, A., & Mertens, U. K. (2020). Estimating reliability of within-person couplings in a multilevel framework. *Journal of Personality Assessment*, 102, 10-21. doi:10.1080/00223891.2018.1521418

von Oertzen, T., Schmiedek, F., & **Voelkle, M. C.** (2020). Ergodic Subspace Analysis. *Journal of Intelligence*, 8(1). doi:10.3390/jintelligence8010003

Zyphur, M. J., Allison, P. D., Tay, L., **Voelkle, M. C.**, Preacher, K. J., Zhang, Z., Hamaker, E. L., Shamsollahi, A., Pierides, D. C., Koval, P., & Diener, E. (2020). From Data to Causes I: Building A General Cross-Lagged Panel Model (GCLM). *Organizational Research Methods*, 23(4), 651-687. doi:10.1177/1094428119847278

Zyphur, M. J., **Voelkle, M. C.**, Tay, L., Allison, P. D., Preacher, K. J., Zhang, Z., Hamaker, E. L., Shamsollahi, A., Pierides, D. C., Koval, P., & Diener, E. (2020). From Data to Causes II: Comparing Approaches to Panel Data Analysis. *Organizational Research Methods*, 23(4), 688-716. <https://doi.org/10.1177/1094428119847280>

Genç, E., Fraenz, C., Schlüter, C., Friedrich, P., **Voelkle, M. C.**, Hossiep, R., & Güntürkün, O. (2019). The neural architecture of general knowledge. *European Journal of Personality*, 33(5), 589-605. doi:10.1002/per.2217

Hardt, K., Hecht, M., Oud, J. H. L., & **Voelkle, M. C.** (2019). Where have the persons gone? – An illustration of individual score methods in autoregressive panel models. *Structural Equation Modeling: A Multidisciplinary Journal*, 26(2), 310-323. doi:10.1080/10705511.2018.1517355

Hasl, A., Kretschmann, J., Richter, D., **Voelkle, M. C.**, & Brunner, M. (2019). Investigating core assumptions of the “American Dream”: historical changes in how adolescents’ socioeconomic status, IQ, and GPA are related to key life outcomes in adulthood. *Psychology & Aging*, 34, 1055-1076. <https://doi.org/10.1037/pag0000392>

Hecht, M., Hardt, K., Driver, C. C., & **Voelkle, M. C.** (2019). Bayesian continuous-time Rasch models. *Psychological Methods*, 24(4), 516-537. doi:10.1037/met0000205

Lazarides, C., Epel, E. S., Lin, J., Blackburn, E. H., **Voelkle, M. C.**, Buss, C., . . . Entringer, S. (2019). Maternal pro-inflammatory state during pregnancy and newborn leukocyte

telomere length: A prospective investigation. *Brain, Behavior, and Immunity*, 80, 419-426. doi:10.1016/j.bbi.2019.04.021

Schulz-Zhecheva, Y., **Voelkle, M. C.**, Beauducel, A., Buch, N., Fleischhaker, C., Bender, S., ... Klein, C. (2019). ADHD traits in German school-aged children: validation of the German strengths and weaknesses of ADHS symptoms and normal behavior (SWAN-DE) scale. *Journal of Attention Disorders*, 23(6), 553-562. doi:10.1177/1087054716676365

Volz, M., **Voelkle, M. C.**, & Werheid, K. (2019). General self-efficacy as a driving factor of post-stroke depression: A longitudinal study. *Neuropsychological Rehabilitation*, 29(9), 1426-1438. doi:10.1080/09602011.2017.1418392

Wagner, J., Lüdtke, O., & **Voelkle, M. C.** (2019). Using dynamic panel models to study age-related differences and time-related changes in personality. *European Journal of Personality*, 33(3), 420-434. doi:10.1002/per.2200

Driver, C. C., & **Voelkle, M. C.** (2018). Hierarchical Bayesian continuous time dynamic modeling. *Psychological Methods*, 23(4), 774-799. doi:10.1037/met0000168

Ebner, N. C., Luedicke, J., **Voelkle, M. C.**, Riediger, M., Lin, T., & Lindenberger, U. (2018). An adult developmental approach to perceived facial attractiveness and distinctiveness. *Frontiers in Psychology*, 9(561). doi:10.3389/fpsyg.2018.00561

Genç, E., Fraenz, C., Schlüter, C., Friedrich, P., Hossiep, R., **Voelkle, M. C.**, Ling, J. M., Güntürkün, O., Jung, R. E. (2018). Diffusion markers of dendritic density and arborization in gray matter predict differences in intelligence. *Nature Communications*, 9(1), 1905. doi:10.1038/s41467-018-04268-8

Mueller, S., Wagner, J., Smith, J., **Voelkle, M. C.**, & Gerstorf, D. (2018). The interplay of personality and functional health in old and very old age: dynamic within-person interrelations across up to 13 years. *Journal of personality and social psychology*, 115, 1127-1147. doi:10.1037/pspp0000173

Oud, J. H. L., **Voelkle, M. C.**, & Driver, C. C. (2018). SEM-based CARMA time series modeling for arbitrary N . *Multivariate Behavioral Research*, 53(1), 36-56. doi:10.1080/00273171.2017.1383224

Schlüter, C., Fraenz, C., Pinnow, M., **Voelkle, M. C.**, Güntürkün, O., & Genç, E. (2018). Volition and academic achievement: Interindividual differences in action control mediate the effects of conscientiousness and sex on secondary school grading. *Motivation Science*, 4(3), 262-273. doi:10.1037/mot0000083

Voelkle, M. C., Gische, C., Driver, C. C., & Lindenberger, U. (2018). The role of time in the quest for understanding psychological mechanisms. *Multivariate Behavioral Research*, 53(6), 782-805. doi:10.1080/00273171.2018.1496813

Voelkle, M. C., Luedtke, O., & von Oertzen, T. (2018). Zurück in die Zukunft? Ein Diskussionsbeitrag zum "Positionspapier zur Rolle der Psychologischen Methodenlehre in Forschung und Lehre". *Psychologische Rundschau*, 69, 358-360. doi:10.1026/0033-3042/a000417

Wagner, J., **Voelkle, M. C.**, Hoppmann, C. A., Luszcz, M. A., & Gerstorf, D. (2018). We are in this together: Dyadic patterns of self-esteem change in late-life couples. *International Journal of Behavioral Development*, 42(1), 34-42. doi:10.1177/0165025416679742

Yuan, P., **Voelkle, M. C.**, & Raz, N. (2018). Fluid intelligence and gross structural properties of the cerebral cortex in middle-aged and older adults: A multi-occasion longitudinal study. *NeuroImage*, 172, 21-30. doi: 10.1016/j.neuroimage.2018.01.032

Adolf, J. K., **Voelkle, M. C.**, Brose, A., & Schmiedek, F. (2017). Capturing context-related change in emotional dynamics via fixed moderated time series analysis. *Multivariate Behavioral Research*, 52(4), 499-531. doi:10.1080/00273171.2017.1321978

de Haan-Rietdijk, S., **Voelkle, M. C.**, Keijsers, L., & Hamaker, E. L. (2017). Discrete- vs. continuous-time modeling of unequally spaced experience sampling method data. *Frontiers in Psychology: Quantitative Psychology and Measurement*, 8(1849). doi:10.3389/fpsyg.2017.01849

Driver, C. C., Oud, J. H. L., & **Voelkle, M. C.** (2017). Continuous time structural equation modeling with R package ctsem. *Journal of Statistical Software*, 77(5), 1-35. doi:10.18637/jss.v077.i05

Klumb, P. L., **Voelkle, M. C.**, & Siegler, S. (2017). How negative social interactions at work seep into the home: a prosocial and an antisocial pathway. *Journal of Organizational Behavior*, 38(5), 629-649. doi:10.1002/job.2154

Bender, A. R., **Voelkle, M. C.**, & Raz, N. (2016). Differential aging of cerebral white matter in middle-aged and older adults: a seven-year follow-up. *NeuroImage*, 125, 74-83. doi: <http://dx.doi.org/10.1016/j.neuroimage.2015.10.030>

Duzel, S., **Voelkle, M. C.**, Duzel, E., Gerstorf, D., Drewelies, J., Steinhagen-Thiessen, E., Demuth, I., Lindenberger, U. (2016). The subjective health horizon questionnaire (SHH-Q): assessing future time perspectives for facets of an active lifestyle. *Gerontology*, 62(3), 345-353. doi:10.1159/000441493

Keijsers, L., **Voelkle, M. C.**, Maciejewski, D., Branje, S., Koot, H., Hiemstra, M., & Meeus, W. (2016). What drives developmental change in adolescent disclosure and maternal knowledge? Heterogeneity in within-family processes. *Developmental Psychology*, 52(12), 2057-2070. doi:10.1037/dev0000220

Schulz-Zhecheva, Y., **Voelkle, M. C.**, Beauducel, A., Biscaldi, M., & Klein, C. (2016). Predicting fluid intelligence by components of reaction time distributions from simple choice reaction time tasks. *Journal of Intelligence*, 4(3), 1-12. doi:10.3390/intelligence4030008

Brose, A., **Voelkle, M. C.**, Lövdén, M., Lindenberger, U., & Schmiedek, F. (2015). Differences in the between-person and within-person structures of affect are a matter of degree. *European Journal of Personality*, 29(1), 55-71. doi: 10.1002/per.1961

Jekauc, D., **Voelkle, M. C.**, Wagner, M. O., & Mess, F. (2015). Prediction of attendance at fitness center: a comparison between theory of planned behavior, social cognitive theory, and

physical activity maintenance theory. *Frontiers in Psychology*, 6. doi: 10.3389/fpsyg.2015.00121

Voelkle, M. C. (2015). Comment on “Morality in everyday life”. *Science*, 348(6236), 767. doi: 10.1126/science.aaa2409

Voelkle, M. C., & Oud, J. H. L. (2015). Relating latent change score and continuous time models. *Structural Equation Modeling: A Multidisciplinary Journal*, 22(3), 366-381. doi:10.1080/10705511.2014.935918

Riediger, M.*, **Voelkle, M. C.***, Schaefer, S., & Lindenberger, U. [*shared first authorship; authors listed in alphabetical order] (2014). Charting the life course: age differences and validity of beliefs about lifespan development. *Psychology and Aging*, 29(3), 503-520. doi: 10.1037/a0036228

Voelkle, M. C., Ebner, N. C., Lindenberger, U., & Riediger, M. (2014). A note on age differences in mood-congruent versus mood-incongruent emotion processing in faces. *Frontiers in Psychology*, 5:635. doi: 10.3389/fpsyg.2014.00635

Voelkle, M. C., Brose, A., Schmiedek, F., & Lindenberger, U. (2014). Towards a unified framework for the study of between-person and within-person structures: Building a bridge between two research paradigms. *Multivariate Behavioral Research*, 49, 193-213. doi: 10.1080/00273171.2014.889593

Voelkle, M. C., & Lindenberger, U. (2014). Cognitive development. *Front. Young Minds*, 2:1. doi: 10.3389/frym.2014.00001

Oud, J. H. L., & **Voelkle, M. C.** (2014). Do missing values exist? Incomplete data handling in cross-national longitudinal studies by means of continuous time modeling. *Quality & Quantity*, 48, 3271-3288. doi: 10.1007/s11135-013-9955-9

Voelkle, M. C., Ebner, N. C., Lindenberger, U., & Riediger, M. (2013). Here we go again: Anticipatory and reactive mood responses to recurring unpleasant situations throughout adulthood. *Emotion*, 13(3), 424-433. doi: 10.1037/a0031351

Voelkle, M. C., & Oud, J. H. L. (2013). Continuous time modelling with individually varying time intervals for oscillating and non-oscillating processes. *British Journal of Mathematical and Statistical Psychology*, 103-126. doi: 10.1111/j.2044-8317.2012.02043.x

Hämmerer, D., Li, S.-C., **Voelkle, M. C.**, Müller, V., & Lindenberger, U. (2013). A lifespan comparison of the reliability, test-retest stability, and signal-to-noise ratio of event-related potentials assessed during performance monitoring. *Psychophysiology*, 50(1), 111-123. doi: 10.1111/j.1469-8986.2012.01476.x

Jekauc, D., **Voelkle, M. C.**, Wagner, M. O., Mewes, N., & Woll, A. (2013). Reliability, validity, and measurement invariance of the German version of the physical activity enjoyment scale. *Journal of Pediatric Psychology*, 38(1), 104-115. doi: 10.1093/jpepsy/jss088

Vlčková, K., Berger, J., & **Voelkle, M. C.** (2013). Classification theories of foreign language learning strategies: an exploratory analysis. *Studia pedagogica*, 18(4), 93-113. doi: 10.5817/SP2013-4-6

Voelkle, M. C., Oud, J. H. L., Davidov, E., & Schmidt, P. (2012). An SEM approach to continuous time modeling of panel data: relating authoritarianism and anomia. *Psychological Methods*, 17(2), 176-192. doi: 10.1037/a0027543

Jekauc, D., **Voelkle, M. C.**, Laemmle, L., & Woll, A. (2012). Fehlende Werte in sportwissenschaftlichen Untersuchungen: Eine anwendungsorientierte Einführung in multiple Imputation mit SPSS [Missing values in the sport scientific studies: A practical guide to multiple imputation with SPSS]. *Sportwissenschaft*, 42, 126-136. doi: 10.1007/s12662-012-0249-5

Voelkle, M. C., Oud, J. H. L., von Oertzen, T., & Lindenberger, U. (2012). Maximum likelihood dynamic factor modeling for arbitrary N and T using SEM. *Structural Equation Modeling: A Multidisciplinary Journal*, 19, 329-350. doi: 10.1080/10705511.2012.687656

Zeng, G., Fu, P., May, H., Lopez, B., Suarez-Morales, L., **Voelkle, M. C.**, Wang, C.-P., & Boruch, R. (2012). America's youngest kindergarteners' elevated levels of internalizing problems at school entry and beyond: evidence from the early childhood longitudinal study. *School Mental Health*, 1-14. doi: 10.1007/s12310-012-9077-x

Voelkle, M. C., & McKnight, P. E. (2012). One size fits all? A monte-carlo simulation on the relationship between repeated measures (M)ANOVA and latent curve modeling. *Methodology: European Journal of Research Methods for the Behavioral and Social Sciences*, 8, 23-38. doi: 10.1027/1614-2241/a000044

Voelkle, M. C., Ebner, N. C., Lindenberger, U., & Riediger, M. (2012). Let me guess how old you are: Effects of age, gender, and facial expression on perceptions of age. *Psychology and Aging*, 27(2), 265-277. doi: 10.1037/a0025065

Riediger, M., **Voelkle, M. C.**, Ebner, N. C., & Lindenberger, U. (2011). Beyond happy, angry, or sad? Age-of-poser and age-of-rater effects on multi-dimensional emotion perception. *Cognition and Emotion*, 25(6), 968-982. doi: 10.1080/02699931.2010.540812

Mueller, K., **Voelkle, M. C.**, & Hattrup, K. (2011). On the relationship between job satisfaction and non-response in employee attitude surveys: a longitudinal field study. *Journal of Occupational and Organizational Psychology*, 84, 780-798. doi: 10.1348/096317910X526777

Voelkle, M. C. (2008). Reconsidering the use of autoregressive latent trajectory (ALT) models. *Multivariate Behavioral Research*, 43, 564-591. doi: 10.1080/00273170802490665

Voelkle, M. C., & Sander, N. (2008). University drop-out: a structural equation approach to discrete-time survival analysis. *Journal of Individual Differences*, 29(3), 134-147. doi: 10.1027/1614-0001.29.3.134

Voelkle, M. C. (2007). Latent growth curve modeling as an integrative approach to the analysis of change. *Psychology Science Quarterly*, 49(4), 375-414.

Voelkle, M. C., Ackerman, P. L., & Wittmann, W. W. (2007). Effect sizes and F -ratios < 1.0 : Sense or nonsense? *Methodology: European Journal of Research Methods for the Behavioral and Social Sciences*, 3(1), 35-46. doi: 10.1027/1614-2241.3.1.35

Voelkle, M. C., Wittmann, W. W., & Ackerman, P. L. (2006). Abilities and skill acquisition: a latent growth curve approach. *Learning and Individual Differences*, 16, 303-319. doi: 10.1016/j.lindif.2006.01.001

Books, Book Chapters, Monographs & Encyclopedia Entries:

Bringmann, L., Helmich, M., Eronen, M., & **Voelkle, M. C.** (2023). Complex Systems Approaches to Psychopathology. In R. F. Krueger & P. H. Blaney (Eds.), *Oxford Textbook of Psychopathology* (pp. 103-122). Oxford University Press. <https://doi.org/10.1093/med-psych/9780197542521.003.0005>

Oud, J. H. L., & **Voelkle, M. C.** (2023). Continuous Time Analysis. In F. Maggino (Ed.), *Encyclopedia of Quality of Life and Well-Being Research* (pp. 1393-1397). Springer International Publishing. https://doi.org/10.1007/978-3-031-17299-1_561

Voelkle, M. C., & Erdfelder, E. (2023). Power Analysis. In F. Maggino (Ed.), *Encyclopedia of Quality of Life and Well-Being Research* (pp. 5387-5393). Springer International Publishing. https://doi.org/10.1007/978-3-031-17299-1_2230

Driver, C. C., & **Voelkle, M. C.** (2021). Hierarchical continuous time modeling. In J. F. Rauthmann (Ed.), *The Handbook of Personality Dynamics and Processes* (pp. 887-908). San Diego, CA: Elsevier. <https://doi.org/10.1016/B978-0-12-813995-0.00034-0>

Brandmaier, A. M., Driver, C. C., & **Voelkle, M. C.** (2018). Recursive partitioning in continuous time analysis. In K. v. Montfort, J. H. L. Oud, & M. C. Voelkle (Eds.), *Continuous time modeling in the behavioral and related sciences* (pp. 259-282). Cham, Switzerland: Springer Nature.

Driver, C. C., & **Voelkle, M. C.** (2018). Understanding the time course of interventions with continuous time dynamic models. In K. v. Montfort, J. H. L. Oud, & M. C. Voelkle (Eds.), *Continuous time modeling in the behavioral and related sciences* (pp. 79-109). Cham, Switzerland: Springer Nature.

Oud, J. H. L., Driver, C. C., & **Voelkle, M. C.** (2018). First- and higher-order continuous time models for arbitrary N using SEM. In K. v. Montfort, J. H. L. Oud, & M. C. Voelkle (Eds.), *Continuous time modeling in the behavioral and related sciences* (pp. 1-26). Cham, Switzerland: Springer Nature.

Montfort, K. v., Oud, J. H. L., & **Voelkle, M. C.** (Eds.). (2018). *Continuous time modeling in the behavioral and related sciences*. Cham, Switzerland: Springer Nature.

Voelkle, M. C. (2017). Latent growth curve models (LGMs). In V. Zeigler-Hill & T. K. Shackelford (Eds.), *Encyclopedia of personality and individual differences* (pp. 1-5). Cham: Springer International Publishing.

Voelkle, M. C., & Hecht, M. (2017). Longitudinal research designs. In V. Zeigler-Hill & T. K. Shackelford (Eds.), *Encyclopedia of personality and individual differences* (pp. 1-6). Cham: Springer International Publishing.

Voelkle, M. C., & Hecht, M. (2017). Cross-sectional research designs. In V. Zeigler-Hill & T. K. Shackelford (Eds.), *Encyclopedia of personality and individual differences* (pp. 1-4). Cham: Springer International Publishing.

Voelkle, M. C., & Wagner, J. (2017). Analyzing personality change: from average trajectories to within-person dynamics. In J. Specht (Ed.), *Personality development across the lifespan* (pp. 497-516). London, UK: Elsevier.

Voelkle, M. C. (2017). A new perspective on three old methodological issues: The role of time, missing values, and cohorts in longitudinal models of youth development. In A. C. Petersen, S. H. Koller, F. Motti-Stefanidi, & S. Verma (Eds.), *Positive youth development in global contexts of social and economic change* (pp. 110-136). New York, NY: Taylor & Francis.

Voelkle, M. C., & Adolf, J. (2015). *History of Longitudinal statistical analyses*. In N. A. Pachana (Ed.), *Encyclopedia of Geropsychology* (pp. 1-10). Singapore: Springer Singapore.

Voelkle, M. C., & Erdfelder, E. (2014). *Power analysis*. In A. C. Michalos (Ed.), *Encyclopedia of quality of life and well-being research* (pp. 4989-4993). Dordrecht, Netherlands: Springer.

Oud, J. H. L., & **Voelkle, M. C.** (2014). *Continuous time analysis*. In A. C. Michalos (Ed.), *Encyclopedia of quality of life and well-being research* (pp. 1270-1274). Dordrecht, Netherlands: Springer.

Wittmann, W. W., Lutz, W., Steffanowski, A., Kriz, D., Glahn, E., **Voelkle, M. C.**, Böhnke, J. R., Köck, K., Bittermann, A., & Ruprecht, T. (2011). *Qualitätsmonitoring in der ambulanten Psychotherapie: Modellprojekt der Techniker Krankenkasse - Abschlussbericht*. Hamburg: Techniker Krankenkasse.

Voelkle, M. C., & Erdfelder, E. (2010). Varianz- und Kovarianzanalyse [analysis of variance and covariance]. In C. Wolf & H. Best (Eds.), *Handbuch der sozialwissenschaftlichen Datenanalyse* [Handbook of data analysis in the social sciences] (pp. 451-489). Wiesbaden: VS-Verlag.

Voelkle, M. C. (2005). The missing link "z" - using theory as a guide to reliability. In A. Beauducel, B. Biehl, M. Bosnjak, W. Conrad, G. Schönberger, & D. Wagener (Eds.), *Multivariate research strategies*. Aachen: Shaker Publishers.