

## Publikationen

### Artikel in Zeitschriften mit Peer Review

- blue: ten selected publications
- underline: PhD student supervised or co-supervised by Axel Mayer
- \*: shared first authorship

Stadtbäumer, N., Müller, H., Görge, H., Kreissl, S., Borchmann, P. & Mayer, A. (2020). The complex interplay between cancer-related fatigue and functional health in survivors of Hodgkin lymphoma. *Health Psychology*.

Kiefer, C. & Mayer, A. (2020). Accounting for latent covariates in average effects from count regressions. *Multivariate Behavioral Research*.

Horbach, J., **Mayer, A.**, Scharke, W., Heim, S., & Günther, T. (2020). Development of behavior problems in children with and without specific learning disorders from kindergarten to fifth grade. *Scientific Studies of Reading*.

**Mayer, A.**, Zimmermann, J., Hoyer, J., Salzer, S., Wiltink, J., Leibing, E., & Leichsenring, F. (2019). Interindividual differences in treatment effects based on structural equation models with latent variables: An EffectLiteR tutorial. *Structural Equation Modeling*.

Infurna, F. & **Mayer, A.** (2019). *Repeated bereavement takes its toll on subjective well-being. Innovation in Ageing*.

Burk, C., **Mayer, A.** & Wiese, B.S. (2019). Nail-biters and thrashing wins: Testosterone responses of football fans during world cup matches. *Physiology & Behavior*.

**Mayer, A.** (2019). Causal inference based on latent variable models. *Methodology*, 15, 15–28.

**Mayer, A.** & Thoemmes, F. (2019). Analysis of variance methods with stochastic group sizes. *Multivariate Behavioral Research*, 54, 543–554.

Rose, N., Wagner, W., **Mayer, A.** & Nagengast, B. (2019). Model-based manifest and latent composite scores in structural equation models. *Collabra: Psychology*, 5, 9.

Kiefer, C. & Mayer, A. (2019). Average effects based on regressions with a logarithmic link function: A new approach with stochastic covariates. *Psychometrika*, 84, 422–446.

Flunger, B., **Mayer, A.**, & Umbach, N. (2019). Beneficial for some or for everyone? Student characteristics as moderators of an autonomy-supportive intervention in the classroom. *Journal of Educational Psychology*, 111, 210–234.

Kiefer, C., Rosseel, Y., Wiese, B. S. & Mayer, A. (2018). Modeling and predicting non-linear changes in educational trajectories. *Psychological Test and Assessment Modeling*, 60, 189–221.

**Mayer, A.\***, Stadtbäumer, N.\*, Kreissl, S., Müller, H., Görge, H. & Borchmann, P. (2018). The reciprocal relation between cancer-related fatigue and physical and psychosocial functioning in survivors of Hodgkin lymphoma. *HemaSphere*, 2(53), 23–24.

- Dewitte, M. & **Mayer, A.** (2018). Exploring the link between daily relationship satisfaction, sexual desire, and sexual activity in couples. *Archives of Sexual Behavior*, *47*, 1675–1686.
- Stas, L., Kenny, D. A., **Mayer, A.** & Loeys, T. (2018). Giving dyadic data analysis away: A user-friendly app for actor-partner interdependence models. *Personal Relationships*, *25*, 103–119.
- Infurna, F. J., **Mayer, A.**, & Anstey, K. J. (2018). The effect of perceived control on self-reported cardiovascular disease incidence across adulthood and old age. *Psychology & Health*, *33*, 340–360.
- Mueller, H., Kreissl, S., Goergen, H., **Mayer, A.**, Behringer, K., Buerkle, C., Scheuven, R., Fuchs, M., Diehl, V., Engert, A., & Borchmann, P. (2018). Verlauf und Einflussfaktoren von Tumor-assoziiertes Fatigue bei Hodgkin-Lymphom: Eine longitudinale Studie der deutschen Hodgkin-Studiengruppe. *PPmP - Psychotherapie · Psychosomatik · Medizinische Psychologie*, *68*, 312.
- Mayer, A.**, Umbach, N., Flunger, B., & Kelava, A. (2017). Effect analysis using non-linear structural equation mixture modeling. *Structural Equation Modeling*, *24*, 556–570.
- Loncke, J., **Mayer, A.**, Eichelsheim, V. I., van Lier, P., Koot, H.M., Meeus, W., Branje, S., Buysse, A. & Loeys, T. (2017). Latent state-trait models for longitudinal family data: Investigating consistency in perceived support. *European Journal of Psychological Assessment*, *33*, 256–270.
- Zimmermann, J.\*, **Mayer, A.\***, Leising, D., Krieger, T., grosse Holtforth, M., & Pretsch, J. (2017). Exploring occasion specificity in the assessment of DSM-5 maladaptive personality traits: A latent state-trait analysis. *European Journal of Psychological Assessment*, *33*, 47–54.
- Mayer, A.**, Dietzfelbinger, L., Rosseel, Y. & Steyer, R. (2016). The EffectLiteR approach for analyzing average and conditional effects. *Multivariate Behavioral Research*, *51*, 374–391.
- Devlieger, I., **Mayer, A.**, & Rosseel, Y. (2016). Hypothesis testing using factor score regression: A comparison of four methods. *Educational and Psychological Measurement*, *76*, 741–770.
- Kreissl, S., Mueller, H., Goergen, H., **Mayer, A.**, Brillant, C., Behringer, K., Halbsguth, T. V., Hitz, F., Soekler, M., Shonukan, O., Rueffer, J. U., Flechtner, H.-H., Fuchs, M., Diehl, V., Engert, A. & Borchmann, P. (2016). Cancer-related fatigue in patients with and survivors of Hodgkin's lymphoma: A longitudinal study of the German Hodgkin Study Group. *Lancet Oncology*, *17*, 1453–1462.
- Müller, B., **Mayer, A.**, Richter, T., Križan, A., Hecht, T., & Ennemoser, M. (2015). Differential effects of reading trainings on reading processes: A comparison in Grade 2. *Zeitschrift für Erziehungswissenschaft*, *18*, 489–512.
- Infurna, F. J. & **Mayer, A.** (2015). The effects of constraints and mastery on mental and physical health: Conceptual and methodological considerations. *Psychology and Aging*, *30*, 432–448.

- Steyer, R., **Mayer, A.**, Geiser, C., & Cole, D. A. (2015). A theory of states and traits – revised. *Annual Review of Clinical Psychology*, *11*, 71–98.
- Kreissl, S., Mueller, H., **Mayer, A.**, Behringer, K., Diehl, V., Engert, A., & Borchmann, P. (2014). Fatigue in Hodgkin lymphoma patients: Longitudinal evaluation and curve types up to 5 years. *Blood*, *124*, 854.
- Mayer, A.**, Thoemmes, F., Rose, N., Steyer, R., & West, S. G. (2014). Theory and analysis of total, direct and indirect causal effects. *Multivariate Behavioral Research*, *49*, 425–442.
- Mayer, A.**, Nagengast, B., Fletcher, J., & Steyer, R. (2014). Analyzing average and conditional effects with multigroup multilevel structural equation models. *Frontiers in Quantitative Psychology and Measurement*, *5*, 304.
- Mayer, A.**, Geiser, C., Infurna, F.J., & Fiege, C. (2013). Modeling and predicting complex patterns of change using growth component models: An application to depression trajectories in cancer patients. *European Journal of Developmental Psychology*, *10*, 40–59.
- Mayer, A.**, Steyer, R., & Mueller, H. (2012). A general approach to defining latent growth components. *Structural Equation Modeling*, *19*, 513–533.
- Kirchmann, H., Steyer, R., **Mayer, A.**, Joraschky, P., Schreiber-Willnow, K., & Strauss, B. (2012). Effects of adult inpatient group psychotherapy on attachment characteristics: An observational study comparing routine care to an untreated comparison group. *Psychotherapy Research*, *22*, 95–114.

#### Softwarepublikationen, Buchkapitel und Proceedings

- Lemmerich, F., Kiefer, C., Langenberg, G., Aboukhalil, J.C., & **Mayer, A.** (in press). *Mining Exceptional Mediation Models*. Proceedings of the 25th International Symposium on Intelligent Systems (ISMIS 2020).
- Velki, T., Norget, J., & **Mayer, A.** (in press). *Development of a new international behavioral-cognitive internet security questionnaire: Preliminary Results from Croatian and German samples*. MIPRO Proceedings, Convention on Information and Communication Technology, Electronics and Microelectronics.
- Kelava, A., **Mayer, A.**, & Schermelleh-Engel, K. (in press). Latent-State-Trait-Theorie (LST-Theorie). In H. Moosbrugger & A. Kelava (Eds.), *Testtheorie und Fragebogenkonstruktion*.
- Mayer, A.**, & Dietzfelbinger, L. (2018). EffectLiteR: An R package for estimating average and conditional effects. Available from <https://github.com/amayer2010/EffectLiteR>.
- Infurna, F., & **Mayer, A.** (2015). Longitudinal / panel designs. In S. K. Whitbourne & K. Robert (Eds.), *Encyclopedia of adulthood and aging*.
- Mayer, A.** (2015). lsttheory: An R package for estimating latent state-trait models. Available from <https://github.com/amayer2010/lsttheory>.
- Steyer, R., **Mayer, A.**, & Fiege, C. (2014). Causal inference on total, direct, and indirect effects. In Michalos, A. C. (Ed.), *Encyclopedia of quality of life and well-being research* (pp. 606-631). Dordrecht, Netherlands: Springer.