

# Curriculum Vitae

Name Thorsten Meiser

Current position Full Professor of Psychology at the University of Mannheim,  
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## Academic Career

1992 Diploma in Psychology, University of Bonn

1997 Doctorate, University of Heidelberg; title of the doctoral thesis:  
“Working memory and changing-state hypothesis”

2004 Habilitation, University of Jena

## Academic Positions

January 1993 – September 1998 Research associate at the Universities of Bonn, Munich and Heidelberg

October 1998 – September 1999 Research fellow at the School of Psychology at Cardiff University (UK), sponsored by the Alexander-von-Humboldt Foundation

October 1999 – March 2007 Lecturer at the Department of Social Psychology and Head of the Junior Research Group “Mental Representation of Social Categories” at the University of Jena

April 2007– January 2009 Professor of Psychological Methodology at the University of Marburg

Currently Full Professor of Psychology at the University of Mannheim; specialization: Research Methods and Psychological Assessment

## Scientific Awards

1989 – 1992	Scholarship of the Studienstiftung des deutschen Volkes
1998	<i>Heinz-Heckhausen Prize</i> of the German Association of Psychology
2002	<i>New Investigator Award in Experimental Psychology: Learning, Memory, and Cognition</i> of the Division of Experimental Psychology in the American Psychological Association
2006	<i>Thuringian Research Award</i> of the Thuringian Ministry of Higher Education, together with Amélie Mummendey, Thomas Kessler and Kai Sassenberg

## Editorships and Editorial Boards

Associate Editor or Editor	2006 – 2010 associate editor of <i>Experimental Psychology</i> 2009 – 2012 associate editor of <i>Diagnostica</i> 2011 – 2013 editor-in-chief of <i>Experimental Psychology</i> 2013 – 2018 associate editor of the <i>British Journal of Mathematical and Statistical Psychology</i> Since 2019 associate editor of <i>Psychometrika</i>
Guest editor	Guest editor of a special issue on “Methoden der Sozialpsychologie” [Methods of social psychology] in the <i>Zeitschrift für Sozialpsychologie</i> (2006, Vol. 37, 3) Guest editor of a special issue on “New directions in multinomial modeling” in the <i>Zeitschrift für Psychologie/Journal of Psychology</i> (2009, Vol. 217, 3), together with Christoph Stahl
Editorial board	2006 – 2007 member of the Editorial Board of the <i>Zeitschrift für Sozialpsychologie</i> 2008 – 2016 member of the Board of Consulting Editors of <i>Social Psychology</i> 2010 – 2014 review editor of <i>Frontiers in Quantitative Psychology and Measurement</i> Since 2013 member of the Board of Consulting Editors of <i>Diagnostica</i> Since 2014 member of the Editorial Board of <i>Experimental Psychology</i>

## Research Grants

- October 1998 –  
September 1999 Feodor Lynen Research Fellowship funded by the Alexander-von-Humboldt Foundation for the cooperation with Miles Hewstone at Cardiff University/UK
- November 2000 –  
October 2002 Grant “Difference and plurality, discrimination and tolerance in intergroup relations” funded by the Deutsche Forschungsgemeinschaft (DFG MU 551/18-3, co-applicant, principal investigator Amélie Mummendey)
- January 2002 –  
July 2004 Grant “Multidimensional source monitoring: Source memory for multiple context attributes, and metacognitive processes in source assignment” funded by the Deutsche Forschungsgemeinschaft (DFG ME 1918/1-1)
- October 2002 –  
September 2010 Grant “Mental representation of social categories” funded by the Deutsche Forschungsgemeinschaft (DFG ME 1918/2-1,2,3) as part of the research unit *Discrimination and Tolerance in Intergroup Relations*
- September 2007 Successful nomination of Professor Joachim I. Krueger for a Research Award of the Alexander von Humboldt-Foundation to fund an extended research visit at the University of Marburg
- January 2010 –  
December 2016 Grant “Automatic processes, controlled processes and metacognitive functions in prospective memory” funded by the Deutsche Forschungsgemeinschaft (DFG ME 1918/3-1,2)
- September 2011 –  
June 2012 Grant for a project on “Effects of item wording and response styles” from the University of Mannheim research fund
- January 2011 –  
December 2014 Grant “Contingency learning and choice behaviour in the case of context-dependent outcome structures” funded by the Deutsche Forschungsgemeinschaft (DFG ME 1918/4-1) as part of the research unit *Contextualized Decision Making: Investigating Mediators and Moderators*
- November 2012 –  
September 2019 Principal Investigator of the graduate school “Empirical and Quantitative Methods in the Economic and Social Sciences” funded by the German Excellence Initiative (DFG, GSC 26)
- October 2017 –  
September 2026 Principal Investigator of the Research Training Group “Statistical Modeling in Psychology” (DFG, GRK 2277/1,2); since October 2018 spokesperson of the Research Training Group

## Reviews

Ad-hoc reviews for scientific journals (selection)

- Applied Psychological Measurement
- Behavior Research Methods
- British Journal of Mathematical and Statistical Psychology
- Cognition
- Cognition and Emotion
- Consciousness and Cognition
- Current Directions in Psychological Science
- Educational and Psychological Measurement
- European Journal of Psychological Assessment
- Journal of Behavioral Decision Making
- Journal of Educational and Behavioral Statistics
- Journal of Educational Measurement
- Journal of Experimental Psychology: General
- Journal of Experimental Psychology: Learning, Memory, and Cognition
- Journal of Experimental Social Psychology
- Journal of Individual Differences
- Journal of Mathematical Psychology
- Journal of Memory and Language
- Journal of Personality and Social Psychology
- Learning and Motivation
- Memory
- Memory & Cognition
- Multivariate Behavioral Research
- Personality and Social Psychology Bulletin
- Perspectives on Psychological Science
- Psychological Assessment
- Psychological Review
- Psychological Science
- Psychology and Aging
- Psychometrika
- Quarterly Journal of Experimental Psychology
- Scientific Reports
- Sociological Methods and Research

Reviewer for funding institutions and research councils

Alexander von Humboldt Foundation, Deutsche Forschungsgemeinschaft (DFG), Dutch Research Council (NWO), European Research Council, German Council of Science and Humanities, German Ministry of Health, Leverhulme Trust, Swiss National Science Foundation, US National Science Foundation

## Memberships

Full member of the German Association of Psychology (Deutsche Gesellschaft für Psychologie, DGPs), and member of the Sections of General Psychology and Methodology & Evaluation in the German Association of Psychology

International Affiliate of the American Psychological Association

Regular member of the Psychometric Society

Full member of the European Society for Cognitive Psychology

## Organisation of Scientific Meetings

- 2001                      Organisation of a Medium Size Meeting on “Cognitive and Motivational Approaches to Intergroup Relations” (Castle Kochberg, 27 June to 1 July 2001), sponsored by the European Association of Experimental Social Psychology and the Thuringian Ministry of Science, Research and Arts (together with Amélie Mummendey)
- 2005                      Organisation of the 10th Meeting of the Section of Social Psychology in the German Association of Psychology, University of Jena, 25-28 September 2005 (together with Immo Fritsche and Amélie Mummendey), and member of the committee for the scientific programme of the meeting.
- 2012                      Member of the organizing committee for the 54th Meeting of Experimentally Working Psychologists (TeaP) at the University of Mannheim, 1-4 April 2012
- 2017                      Organisation of a Small Group Meeting on “Contextualized Decision Making” at the University of Mannheim, 3-5 March 2017 (together with Arndt Bröder and Pascal Kieslich)
- 2021                      Organisation of the 15th Conference of the Section “Methods and Evaluation” in the German Psychological Society (DGPs), University of Mannheim, 15-18 September 2021 (together with Edgar Erdfelder, Beatrice Kuhlmann and Veronika Lerche)

# Publications

## Articles in Peer-Reviewed Journals

- Alagöz, Ö. E. C., & Meiser, T. (accepted). Investigating heterogeneity in response strategies: A mixture multidimensional IRTree approach. *Educational and Psychological Measurement*.
- Merhof, V., Böhm, C. M., & Meiser, T. (accepted). Separation of traits and extreme response style in IRTree models: The role of mimicry effects for the meaningful interpretation of estimates. *Educational and Psychological Measurement*.
- Henninger, M., Plieninger, H., & Meiser, T. (2023). The effect of response formats on response style strength: An experimental comparison. *European Journal of Psychological Assessment*. DOI: [10.1027/1015-5759/a000779](https://doi.org/10.1027/1015-5759/a000779)
- Meiser, T., & Reiber, F. (2023). Item-specific factors in IRTree models: When they matter and when they don't [Commentary on Lyu, Bolt & Westby (2023)]. *Psychometrika*, 88, 739–744. DOI: [10.1007/s11336-023-09916-7](https://doi.org/10.1007/s11336-023-09916-7)
- Merhof, V., & Meiser, T. (2023). Dynamic response strategies: Accounting for response process heterogeneity in IRTree decision nodes. *Psychometrika*. DOI: [10.1007/s11336-023-09901-0](https://doi.org/10.1007/s11336-023-09901-0)
- Petras, N., & Meiser, T. (2023). Problems of domain factors with small factor loadings in bi-factor models. *Multivariate Behavioral Research*. DOI: [10.1080/00273171.2023.2228757](https://doi.org/10.1080/00273171.2023.2228757)
- Schreiner, M., Bröder, A., & Meiser, T. (2023). Agency effects on the binding of event elements in episodic memory. *Quarterly Journal of Experimental Psychology*. DOI: [10.1177/17470218231203951](https://doi.org/10.1177/17470218231203951)
- Schreiner, M., & Meiser, T. (2023). Measuring binding effects in event-based episodic representations. *Behavior Research Methods*, 55, 981-996. DOI: [10.3758/s13428-021-01769-1](https://doi.org/10.3758/s13428-021-01769-1)
- Schreiner, M., Meiser, T., & Bröder, A. (2023). The binding structure of event elements in episodic memory and the role of animacy. *Quarterly Journal of Experimental Psychology*, 76, 705-730. DOI: [10.1177/17470218221096148](https://doi.org/10.1177/17470218221096148)
- Bott, F. M., Heck, D. W., Meiser, T. (2020). Parameter validation in hierarchical MPT models by functional dissociation with continuous covariates: An application to contingency inference. *Journal of Mathematical Psychology*, 98, ArtID: 102388. DOI: [10.1016/j.jmp.2020.102388](https://doi.org/10.1016/j.jmp.2020.102388)
- Bott, F. M., & Meiser, T. (2020). Pseudocontingency inference and choice: The role of information sampling. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 46, 1624-1644. DOI: [10.1037/xlm0000840](https://doi.org/10.1037/xlm0000840)

- Henninger, M., & Meiser, T. (2020a). Different approaches to modeling response styles in divide-by-total item response theory models (Part I): A model integration. *Psychological Methods*, *25*, 560–576. DOI: [10.1037/met0000249](https://doi.org/10.1037/met0000249)
- Henninger, M., & Meiser, T. (2020b). Different approaches to modeling response styles in divide-by-total item response theory models (Part II): Applications and novel extensions. *Psychological Methods*, *25*, 577–595. DOI: [10.1037/met0000268](https://doi.org/10.1037/met0000268)
- Arnold, N. R., Heck, D. W., Bröder, A., Meiser, T., & Boywitt, C. D. (2019). Testing hypotheses about binding in context memory with a hierarchical multinomial modeling approach: A preregistered study. *Experimental Psychology*, *66*, 239-251. DOI: [10.1027/1618-3169/a000442](https://doi.org/10.1027/1618-3169/a000442)
- Meiser, T., Plieninger, H., & Henninger, M. (2019). IRTree models with ordinal and multi-dimensional decision nodes for response styles and trait-based rating responses. *British Journal of Mathematical and Statistical Psychology*, *72*, 501-516. DOI: [10.1111/bmsp.12158](https://doi.org/10.1111/bmsp.12158)
- Meiser, T., Rummel, J., & Fleig, H. (2018). Pseudocontingencies and choice behavior in probabilistic environments with context-dependent outcomes. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *44*, 50-67. DOI: [10.1037/xlm0000432](https://doi.org/10.1037/xlm0000432)
- Böckenholt, U., & Meiser, T. (2017). Response style analysis with threshold and multi-process IRT models: A review and tutorial. *British Journal of Mathematical and Statistical Psychology*, *70*, 159-181. DOI: [10.1111/bmsp.12086](https://doi.org/10.1111/bmsp.12086)
- Fleig, H., Meiser, T., Ettlín, F., & Rummel, J. (2017). Statistical numeracy as a moderator of (pseudo)contingency effects on decision behavior. *Acta Psychologica*, *174*, 68-79. DOI: [10.1016/j.actpsy.2017.01.002](https://doi.org/10.1016/j.actpsy.2017.01.002)
- Rummel, J., Wesslein, A.-K., & Meiser, T. (2017). The role of action coordination for prospective memory: Task-interruption demands affect intention realization. *Journal of Experimental Psychology: Learning, Memory & Cognition*, *43*, 717-735. DOI: [10.1037/xlm0000334](https://doi.org/10.1037/xlm0000334)
- Rummel, J., & Meiser, T. (2016). Spontaneous prospective-memory processing: Unexpected fluency experiences trigger erroneous intention executions. *Memory & Cognition*, *44*, 89-103. DOI: [10.3758/s13421-015-0546-y](https://doi.org/10.3758/s13421-015-0546-y)
- Steinwascher, M. A., & Meiser, T. (2016). How a high working memory capacity can increase proactive interference. *Consciousness and Cognition*, *44*, 130-145. DOI: [10.1016/j.concog.2016.07.002](https://doi.org/10.1016/j.concog.2016.07.002)
- Boywitt, D., Rummel, J., & Meiser, T. (2015). Commission errors of active intentions: The roles of aging, cognitive load, and practice. *Aging, Neuropsychology and Cognition*, *22*, 560-576. DOI: [10.1080/13825585.2014.1002446](https://doi.org/10.1080/13825585.2014.1002446)
- Machunsky, M., & Meiser, T. (2014). Cognitive components of ingroup projection: Prototype projection contributes to biased prototypicality judgments in group perception. *Social Psychology*, *45*, 15-30. DOI: [10.1027/1864-9335/a000156](https://doi.org/10.1027/1864-9335/a000156)
- Machunsky, M., & Meiser, T. (2014). Us and them: Mood effects on ingroup projection. *European Journal of Social Psychology*, *44*, 7-14. DOI: [10.1002/ejsp.1996](https://doi.org/10.1002/ejsp.1996)

- Meiser, T. (2014). Analyzing stochastic dependence of cognitive processes in multidimensional source recognition. *Experimental Psychology*, *61*, 402-415. DOI: [10.1027/1618-3169/a000261](https://doi.org/10.1027/1618-3169/a000261)
- Meiser, T., & Steinwascher, M. (2014). Different kinds of interchangeable methods in multitrait-multimethod analysis: A note on the multilevel CFA-MTMM model by Koch et al. (2014). *Frontiers in Psychology: Quantitative Psychology and Measurement*, *5*. DOI: [10.3389/fpsyg.2014.00615](https://doi.org/10.3389/fpsyg.2014.00615)
- Plieninger, H., & Meiser, T. (2014). Validity of multi-process IRT models for separating content and response styles. *Educational and Psychological Measurement*, *74*, 875-899. DOI: [10.1177/0013164413514998](https://doi.org/10.1177/0013164413514998)
- Boywitt, C. D., & Meiser, T. (2013). Conscious recollection and binding among context features. *Consciousness and Cognition*, *22*, 875-886. DOI: [10.1016/j.concog.2013.05.010](https://doi.org/10.1016/j.concog.2013.05.010)
- Rummel, J. & Meiser, T. (2013). The role of metacognition in prospective memory: Anticipated task demands influence attention allocation strategies. *Consciousness and Cognition*, *22*, 931-943. DOI: [10.1016/j.concog.2013.06.006](https://doi.org/10.1016/j.concog.2013.06.006)
- Boywitt, C. D., Kuhlmann, B. G., & Meiser, T. (2012). The role of source memory in older adults' recollective experience. *Psychology and Aging*, *27*, 484-497. DOI: [10.1037/a0024729](https://doi.org/10.1037/a0024729)
- Boywitt, C. D., & Meiser, T. (2012). Bound context features are integrated at encoding. *Quarterly Journal of Experimental Psychology*, *65*, 1484-1501. DOI: [10.1080/17470218.2012.656668](https://doi.org/10.1080/17470218.2012.656668)
- Boywitt, C. D., & Meiser, T. (2012). The role of attention for context-context binding of intrinsic and extrinsic features. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *38*, 1099-1107. DOI: [10.1037/a0026988](https://doi.org/10.1037/a0026988)
- Meiser, T., & Rummel, J. (2012). False prospective memory responses as indications of automatic processes in the initiation of delayed intentions. *Consciousness and Cognition*, *21*, 1509-1516. DOI: [10.1016/j.concog.2012.05.006](https://doi.org/10.1016/j.concog.2012.05.006)
- Fiedler, K., Schott, M., & Meiser, T. (2011). What mediation analysis can (not) do. *Journal of Experimental Social Psychology*, *47*, 1231-1236. DOI: [10.1016/j.jesp.2011.05.007](https://doi.org/10.1016/j.jesp.2011.05.007)
- Meiser, T. (2011). Much pain, little gain? Paradigm-specific models and methods in experimental psychology. *Perspectives on Psychological Science*, *6*, 183-191. DOI: [10.1177/1745691611400241](https://doi.org/10.1177/1745691611400241)
- Rummel, J., Boywitt, C. D., & Meiser, T. (2011). Assessing the validity of multinomial models using extraneous variables: An application to prospective memory. *Quarterly Journal of Experimental Psychology*, *64*, 2194-2210. DOI: [10.1080/17470218.2011.586708](https://doi.org/10.1080/17470218.2011.586708)
- Meiser, T., & Hewstone, M. (2010). Contingency learning and stereotype formation: Illusory and spurious correlations revisited. *European Review of Social Psychology*, *21*, 285-331. DOI: [10.1080/10463283.2010.543308](https://doi.org/10.1080/10463283.2010.543308)



- Fiedler, K., Freytag, P., & Meiser, T. (2009). Pseudocontingencies: An integrative account of an intriguing cognitive illusion. *Psychological Review*, *116*, 187-206. DOI: [10.1037/a0014480](https://doi.org/10.1037/a0014480)
- Machunsky, M., & Meiser, T. (2009). Ingroup projection as a means to define the superordinate category efficiently: Response time evidence. *Social Cognition*, *27*, 57-75. DOI: [10.1521/soco.2009.27.1.57](https://doi.org/10.1521/soco.2009.27.1.57)
- Machunsky, M., Meiser, T., & Mummendey, A. (2009). On the crucial role of the mental ingroup representation for ingroup bias and the ingroup prototypicality – ingroup bias link. *Experimental Psychology*, *56*, 156-164. DOI: [10.1027/1618-3169.56.3.156](https://doi.org/10.1027/1618-3169.56.3.156)
- Meiser, T., & Machunsky, M. (2008). The personal structure of personal need for structure: A mixture-distribution Rasch analysis. *European Journal of Psychological Assessment*, *24*, 27-34. DOI: [10.1027/1015-5759.24.1.27](https://doi.org/10.1027/1015-5759.24.1.27)
- Meiser, T., Sattler, C., & Weißer, K. (2008). Binding of multidimensional context information as a distinctive characteristic of remember judgments. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *34*, 32-49. DOI: [10.1037/0278-7393.34.1.32](https://doi.org/10.1037/0278-7393.34.1.32)
- Meiser, T., & Schult, J. C. (2008) On the automatic nature of the task-appropriate processing effect in event-based prospective memory. *European Journal of Cognitive Psychology*, *20*, 290-311. DOI: [10.1080/09541440701319068](https://doi.org/10.1080/09541440701319068)
- Bröder, A., & Meiser, T. (2007). Measuring source memory. *Zeitschrift für Psychologie/Journal of Psychology*, *215*, 52-60. DOI: [10.1027/0044-3409.215.1.52](https://doi.org/10.1027/0044-3409.215.1.52)
- Meiser, T., & Sattler, C. (2007). Boundaries of the relation between conscious recollection and source memory for perceptual details. *Consciousness and Cognition*, *16*, 189-210. DOI: [10.1016/j.concog.2006.04.003](https://doi.org/10.1016/j.concog.2006.04.003)
- Meiser, T., Sattler, C., & von Hecker, U. (2007). Metacognitive inferences in source memory judgements: The role of perceived differences in item recognition. *Quarterly Journal of Experimental Psychology*, *60*, 1015-1040. DOI: [10.1080/17470210600875215](https://doi.org/10.1080/17470210600875215)
- Machunsky, M., & Meiser, T. (2006). Personal Need for Structure als differentialpsychologisches Konstrukt in der Sozialpsychologie: Psychometrische Analyse und Validierung einer deutschsprachigen PNS-Skala [Personal Need for Structure as a construct of dispositional differences in Social Psychology: Psychometric analysis and validation of a German PNS scale]. *Zeitschrift für Sozialpsychologie*, *37*, 87-97. DOI: [10.1024/0044-3514.37.2.87](https://doi.org/10.1024/0044-3514.37.2.87)
- Meiser, T., & Hewstone, M. (2006). Illusory and spurious correlations: Distinct phenomena or joint outcomes of exemplar-based category learning? *European Journal of Social Psychology*, *36*, 315-336. DOI: [10.1002/ejsp.304](https://doi.org/10.1002/ejsp.304)
- Meiser, T. (2005). A hierarchy of multinomial models for multidimensional source monitoring. *Methodology*, *1*, 2-17. DOI: [10.1027/1614-1881.1.1.2](https://doi.org/10.1027/1614-1881.1.1.2)
- von Hecker, U., & Meiser, T. (2005). Defocused attention in depressed mood: Evidence from source monitoring. *Emotion*, *5*, 456-463. DOI: [10.1037/1528-3542.5.4.456](https://doi.org/10.1037/1528-3542.5.4.456)

- Meiser, T., & Hewstone, M. (2004). Cognitive processes in stereotype formation: The role of correct contingency learning for biased group judgments. *Journal of Personality and Social Psychology*, *87*, 599-614. DOI: [10.1037/0022-3514.87.5.599](https://doi.org/10.1037/0022-3514.87.5.599)
- Meiser, T. (2003). Effects of processing strategy on episodic memory and contingency learning in group stereotype formation. *Social Cognition*, *21*, 121-156. DOI: [10.1521/soco.21.2.121.21318](https://doi.org/10.1521/soco.21.2.121.21318)
- Meiser, T., & Bröder, A. (2002). Memory for multidimensional source information. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *28*, 116-137. DOI: [10.1037/0278-7393.28.1.116](https://doi.org/10.1037/0278-7393.28.1.116)
- Meiser, T., & Hewstone, M. (2001). Crossed categorization effects on the formation of illusory correlations. *European Journal of Social Psychology*, *31*, 443-466. DOI: [10.1002/ejsp.55](https://doi.org/10.1002/ejsp.55)
- Meiser, T., Klauer, K. C., & Naumer, B. (2001). Propositional reasoning and working memory: The role of prior training and pragmatic content. *Acta Psychologica*, *106*, 303-327. DOI: [10.1016/S0001-6918\(00\)00055-X](https://doi.org/10.1016/S0001-6918(00)00055-X)
- Klauer, K. C., & Meiser, T. (2000). A source-monitoring analysis of illusory correlations. *Personality and Social Psychology Bulletin*, *26*, 1074-1093. DOI: [10.1177/01461672002611005](https://doi.org/10.1177/01461672002611005)
- Klauer, K. C., Meiser, T., & Naumer, B. (2000). Training propositional reasoning. *Quarterly Journal of Experimental Psychology*, *53A*, 868-895. DOI: [10.1080/027249800410580](https://doi.org/10.1080/027249800410580)
- Meiser, T. (2000). Gedächtnisvorteil ausgeführter Handlungen: Anmerkungen zur multimodalen Gedächtnistheorie [Memory advantage of subject-performed actions: Comments on the multi-modal theory of memory]. *Zeitschrift für experimentelle Psychologie*, *47*, 1-12. DOI: [10.1026//0949-3964.47.1.1](https://doi.org/10.1026//0949-3964.47.1.1)
- Meiser, T., & Klauer, K. C. (1999). Working memory and changing-state hypothesis. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *25*, 1272-1299. DOI: [10.1037/0278-7393.25.5.1272](https://doi.org/10.1037/0278-7393.25.5.1272)
- Meiser, T., Stern, E., & Langeheine, R. (1998). Latent change in discrete data: Unidimensional, multidimensional, and mixture distribution Rasch models for the analysis of repeated observations. *Methods of Psychological Research Online*, *3*, 75-93. [MPR online](https://doi.org/10.1026/1096-1560.3.1.75)
- Klauer, K. C., Stegmaier, R., & Meiser, T. (1997). Working-memory involvement in propositional and spatial reasoning. *Thinking & Reasoning*, *3*, 9-47. DOI: [10.1080/135467897394419](https://doi.org/10.1080/135467897394419)
- Meiser, T., von Eye, A., & Spiel, C. (1997). Loglinear symmetry and quasi-symmetry models for the analysis of change. *Biometrical Journal*, *39*, 351-368. DOI: [10.1002/bimj.4710390309](https://doi.org/10.1002/bimj.4710390309)
- Meiser, T. (1996). Loglinear Rasch models for the analysis of stability and change. *Psychometrika*, *61*, 629-645. DOI: [10.1007/BF02294040](https://doi.org/10.1007/BF02294040)

- Meiser, T., & Ohrt, B. (1996). Modeling structure and chance in transitions: Mixed latent partial Markov chain models. *Journal of Educational and Behavioral Statistics*, 21, 91-109. DOI: [10.2307/1165212](https://doi.org/10.2307/1165212)
- Meiser, T., Hein-Eggers, M., Rompe, P., & Rudinger, G. (1995). Analyzing homogeneity and heterogeneity of change using Rasch and latent class models: A comparative and integrative approach. *Applied Psychological Measurement*, 19, 377-391. DOI: [10.1177/014662169501900407](https://doi.org/10.1177/014662169501900407)

### Book Chapters and Edited Books

- Bott, F. M., & Meiser, T. (2023). Information sampling in contingency learning: Sampling strategies and their consequences for (pseudo-)contingency inferences. In K. Fiedler, P. Juslin & J. Denrell (Eds.), *Sampling in judgment and decision making* (pp. 245-265). Cambridge: Cambridge University Press.
- Henninger, M., & Meiser, T. (2023). Quality control: Response style modeling. In R. Tierney, F. Rizvi & K. Ercikan (Eds.), *International encyclopedia of education* (4th edition, pp. 331-340). Elsevier. DOI: <https://doi.org/10.1016/b978-0-12-818630-5.10041-7>
- Meiser, T. (2020). Illusorische Korrelationen [Illusory correlations]. In L.-E. Petersen & B. Six (Eds.), *Stereotype, Vorurteile und soziale Diskriminierung* (2nd revised edition, pp. 54-62). Weinheim: Beltz.
- Meiser, T., Steinwascher, M., & Plieninger, H. (2016). Rasch models for measuring change. Wiley StatsRef: Statistics Reference Online, 1–8. DOI: [10.1002/9781118445112.stat06384.pub2](https://doi.org/10.1002/9781118445112.stat06384.pub2)
- Meiser, T., Hoeffler, D., & Jasper, F. (2012). Ein symmetrisches Rating-Scale-Modell für Fragebogen mit invertierten Items [A symmetric rating scale model for questionnaires with inverted items]. In W. Kempf & R. Langeheine (Eds.), *Item-Response-Modelle in der sozialwissenschaftlichen Forschung* (pp. 150-170). Berlin: Regener.
- Meiser, T. (2010). Loglineare Modelle [Log-linear models]. In H. Holling & B. Schmitz (Eds.), *Handbuch Statistik, Methoden und Evaluation* (pp. 518-524). Göttingen: Hogrefe.
- Degner, J., Meiser, T., & Rothermund, K. (2009). Kognitive und sozial-kognitive Determinanten: Stereotype und Vorurteile [Cognitive and social-cognitive determinants: Stereotypes and prejudice]. In A. Beelmann & K. Jonas (Eds.), *Diskriminierung und Toleranz. Psychologische Grundlagen und Anwendungsperspektiven* (pp. 75-93). Wiesbaden: VS-Verlag für Sozialwissenschaften.
- Machunsky, M., & Meiser, T. (2009). Mood and cognition in intergroup judgment. In S. Otten, K. Sassenberg & T. Kessler (Eds.), *Intergroup relations. The role of motivation and emotion* (pp. 83-100). Hove, UK: Psychology Press.
- Meiser, T. (2008). Illusorische Korrelationen [Illusory correlations]. In L.-E. Petersen & B. Six (Eds.), *Stereotype, Vorurteile und soziale Diskriminierung* [Stereotypes, prejudice and social discrimination] (pp. 53-61). Weinheim: Beltz.

- Meiser, T. (2007). Rasch models for longitudinal data. In M. von Davier & C. H. Carstensen (Eds.), *Multivariate and mixture distribution Rasch models. Extensions and applications* (pp. 191-199). New York: Springer.
- Klauer, K. C., & Meiser, T. (2007). Training effects in deductive reasoning: A theory-based review. In W. Schaeken, A. Vandierendonck, W. Schroyens, & G. d'Ydewalle (Eds.), *The mental models theory of reasoning. Refinements and extensions* (pp. 209-224). Mahwah, NJ: Lawrence Erlbaum
- Meiser, T. (2006). Contingency learning and biased group impressions. In K. Fiedler & P. Juslin (Eds.), *Information sampling and adaptive cognition* (pp. 183-209). New York: Cambridge University Press.
- Meiser, T. (2005). Log-linear Rasch models for stability and change. In B. S. Everitt & D. C. Howell (Eds.), *Encyclopedia of statistics in behavioral science* (Vol. 2, pp. 1093-1097). Chichester, UK: Wiley.
- Meiser, T., & Klauer, K. C. (2001) Training des deduktiven Denkens [Training deductive reasoning]. In K. J. Klauer (Ed.), *Handbuch Kognitives Training* (pp. 211-234). Göttingen, FRG: Hogrefe.
- Hertel, P., & Meiser, T. (2000). Capacity and procedural accounts of impaired memory in depression. In U. von Hecker, S. Dutke & G. Sedek (Eds.), *Generative mental processes and cognitive resources: Integrative research on adaptation and control* (pp. 283-307). Dordrecht, NL: Kluwer Academic Publishers.
- Klauer, K. C., Meiser, T., & Naumer, B. (2000). Extending the theory of reasoning by mental models: Tests of new predictions. In U. von Hecker, S. Dutke & G. Sedek (Eds.), *Generative mental processes and cognitive resources: Integrative research on adaptation and control* (pp. 39-66). Dordrecht, NL: Kluwer Academic Publishers.
- Meiser, T., & Rudinger, G. (1997). Modeling stability and regularity of change: Latent structure analysis of longitudinal discrete data. In J. Rost & R. Langeheine (Eds.), *Applications of latent trait and latent class models in the social sciences* (pp. 389-397). Münster, FRG: Waxmann.
- Erdfelder, E., Mausfeld, R., Meiser, T., & Rudinger, G. (Eds.) (1996). *Handbuch Quantitative Methoden* [Handbook of quantitative methods]. Weinheim: Psychologie Verlags Union.
- Meiser, T., & Humburg, S. (1996). Klassifikationsverfahren [Methods of classification]. In E. Erdfelder, R. Mausfeld, T. Meiser & G. Rudinger (Eds.), *Handbuch Quantitative Methoden* (S. 279-290). Weinheim, FRG: Psychologie Verlags Union.
- Ohrt, B., Meiser, T., Meyer, R., & Grauert, B. (1996). Transitorisch neurologisch abnormes Verhalten im frühen Säuglingsalter [Transitory neurologically abnormal behaviour in early infancy]. In G. Gross-Selbeck (Ed.), *Aktuelle Neuropädiatrie 1995* (S. 317-327). Wehr, FRG: Ciba Geigy.

## Editorials, Book Reviews, Reports and Position Papers

- Meiser, T., Eid, M., Carstensen, C., Erdfelder, E., Gollwitzer, M., Pohl, S., Steyer, R., & Strobl, C. (2018). Positionspapier zur Rolle der Psychologischen Methodenlehre in Forschung und Lehre [Position paper on the role of Psychological Methodology in research and academic training]. *Psychologische Rundschau*, *69*, 325-331. DOI: [10.1026/0033-3042/a000417](https://doi.org/10.1026/0033-3042/a000417)
- Meiser, T., Eid, M., Carstensen, C., Erdfelder, E., Gollwitzer, M., Pohl, S., Steyer, R., & Strobl, C. (2018). Stellungnahme zum Diskussionsforum [Rejoinder to the discussion forum]. *Psychologische Rundschau*, *69*, 362-365. DOI: [10.1026/0033-3042/a000419](https://doi.org/10.1026/0033-3042/a000419)
- Meiser, T. (2013). Experimental Psychology: A case for methodological rigor and theoretical relevance (Editorial). *Experimental Psychology*, *60*, 1-2.
- Meiser, T. (2012). Ten years *Experimental Psychology* (Editorial). *Experimental Psychology*, *59*, 1-2.
- Meiser, T. (2011). Experimental Psychology: A place for innovative research and methodological developments (Editorial). *Experimental Psychology*, *58*, 1-3.
- Stahl, C., & Meiser, T. (2009). New directions in multinomial modeling (Editorial). *Zeitschrift für Psychologie/Journal of Psychology*, *217*(3), 105-107.
- Meiser, T. (2006). Methoden der Sozialpsychologie [Methods of Social Psychology] (Editorial). *Zeitschrift für Sozialpsychologie*, *37*(3), 129-130.
- Meiser, T., & Mummendey, A. (2001). Report about the medium size meeting "On Cognitive and Motivational Approaches to Intergroup Relations." *European Bulletin of Social Psychology*, *13*(3), 55-56.
- Meiser, T. (1999). Review of the book *Lehrbuch Testtheorie, Testkonstruktion* by J. Rost. *Diagnostica*, *45*, 220-222.
- Meiser, T. (1993). *Loglinear Rasch models: Theory and applications in longitudinal research*. Report of the Institute of Psychology, University of Bonn, No. 19(2).
- Meiser, T., Fichtel, M., Rompe, P., & Rudinger, G. (1993). *Mixture distribution Rasch models for the analysis of longitudinal discrete data*. Report of the Institute of Psychology, University of Bonn, No. 19(6).

## Abstracts, Conference Presentations and Posters in the Last Five Years

- Alagöz, Ö. E. C., & Meiser, T. (2023). *People differ in how they respond: Modeling heterogeneity in response strategies with mixture IRTrees*. Talk presented at the 16th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, University of Konstanz, 10th-13th September, 2023.
- Debelak, R., Gernand, A., & Meiser, T. (2023). *IRTrees meet IRT trees: Using model-based recursive partitioning to detect instabilities of response styles*. Talk presented at the 16th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, University of Konstanz, 10th-13th September, 2023.

- Seitz, T., & Meiser, T. (2023). *Modeling high-stakes personality assessment data by means of multidimensional item response theory*. Poster presented at the 16th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, University of Konstanz, 10th-13th September, 2023.
- Alagöz, Ö. E. C., & Meiser, T. (2023). *A mixture IRTree approach to detect heterogeneity in response strategies*. Talk presented at the International Meeting of the Psychometric Society (IMPS), University of Maryland, 24th-28th July, 2023.
- Merhof, V., & Meiser, T. (2023). *IRTree models of co-occurring dominance and ideal-point response processes*. Talk presented at the International Meeting of the Psychometric Society (IMPS), University of Maryland, 24th-28th July, 2023.
- Alagöz, Ö. E. C., & Meiser, T. (2023). *Do people employ different response styles in their response strategies? An investigation with a mixture IRTree approach* Talk presented at the 10th Congress of Methodology (EAM2023), University of Ghent, 11th-13th July, 2023.
- Meiser, T. (2022). *New directions in Item Response Theory: Individualized trait measurement adjusted for person-specific response processes*. Position paper presented at the 52nd Congress of the German Psychological Society, University of Hildesheim, 10th-15th September, 2022.
- Schreiner, M. R., Meiser, T., & Bröder, A. (2022). *Formation of coherent representational structures in episodic memory is facilitated by animacy*. Paper presented at the 52nd Congress of the German Psychological Society, University of Hildesheim, 10th-15th September, 2022.
- Alagöz, Ö. E. C., & Meiser, T. (2022). *Investigating the co-existence of response styles via mixture multidimensional IRTree*. Poster presented at the International Meeting of the Psychometric Society (IMPS), University of Bologna, 11t-15th July, 2022.
- Merhof, V., & Meiser, T. (2022). *Non-compliant survey responding: An IRTree model for dynamically changing response strategies*. Talk presented at the International Meeting of the Psychometric Society (IMPS), University of Bologna, 11t-15th July, 2022.
- Schreiner, M. R., & Meiser, T. (2022). *Binding effects in episodic memory - A systematic comparison of five modeling approaches*. Talk presented at the 64th Conference of Experimental Psychologists (TeaP, virtual), University of Cologne, 20th-23rd March, 2022.
- Schreiner, M. R., Meiser, T., & Bröder, A. (2021). *Binding of event elements in episodic memory: Representational structures and the role of animacy*. Poster presented at the 62nd Annual Meeting of the Psychonomic Society (virtual conference), New Orleans, 4th-7th November, 2021.
- Groskurth, K., Bhaktha, N., Bluemke, M., Meiser, T., & Lechner, C. (2021). *Moving away from traditional cutoffs: ROC analysis as a tool for judging model fit*. Talk presented at the 15th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, University of Mannheim (virtual conference), 15th-17th September, 2021.

- Killisch, J., Frick, S., & Meiser, T. (2021). *The relation between insufficient effort responding and response styles: A simulation study*. Poster presented at the 15th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, University of Mannheim (virtual conference), 15th-17th September, 2021.
- Merhof, V., & Meiser, T. (2021) *A multidimensional IRTree model for dynamic extreme response style effects*. Talk presented at the 15th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, University of Mannheim (virtual conference), 15th-17th September, 2021.
- Groskurth, K., Bhaktha, N., Bluemke, M., Meiser, T., & Lechner, C. M. (2021). *Beyond traditional cutoffs: Judging model fit through ROC analysis*. Talk presented at the Annual Meeting of the Psychometric Society (virtual conference), 19th-23rd July, 2021.
- Merhof, V., & Meiser, T. (2021). *Dynamic response style effects: A simulation study*. Poster presented at the Annual Meeting of the Psychometric Society (virtual conference), 19th-23rd July, 2021.
- Schreiner, M. R., Meiser, T., & Bröder, A. (2021). *Binding of event elements in episodic representations*. Talk presented at the 63rd Conference of Experimental Psychologists (TeaP, virtual), University of Ulm, 14th-16th March, 2021.
- Schreiner, M. R., Meiser, T., & Bröder, A. (2020). *Determining the binding structure of event elements in episodic memory*. Poster presented at the 61st Annual Meeting of the Psychonomic Society (Virtual), 19th-22nd November, 2020.
- Killisch, J., Plieninger, H., & Meiser, T. (2019). *An approach to account for response styles and response times within the IRTree modelling framework*. Poster presented at the 14th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, IPN Kiel, 15th-18th September, 2019.
- Meiser, T., & Khorramdel, L. (2019). *Extending IRTree models for response styles with multidimensional nodes and mixture components*. Talk presented at the 14th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, IPN Kiel, 15th-18th September, 2019.
- Plieninger, H., & Meiser, T. (2019). *IR-Tree Modelle für Antwortstile: Anwendungsregeln und Besonderheiten* [IR-Tree models for response styles: Rules of application and potential pitfalls]. Talk presented at the 14th Meeting of the Section of Methodology and Evaluation in the German Association of Psychology, IPN Kiel, 15th-18th September, 2019.
- Henninger, M., & Meiser, T. (2019). *An integration of approaches to modeling response styles in the divide-by-total framework*. Talk presented at the Annual Meeting of the Psychometric Society, Pontificia Universidad Católica de Chile, Santiago de Chile, 15th-19th July, 2019.
- Meiser, T., & Khorramdel, L. (2019). *IRTree mixture models for decomposing trait-based responses and response styles*. Spotlight talk at the Annual Meeting of the Psychometric Society, Pontificia Universidad Católica de Chile, Santiago de Chile, 15th-19th July, 2019.

## Invited Talks in the Last Five Years

- Meiser, T. (2023). *Modeling response styles in rating data*. Invited talk in the interdisciplinary Mannheim Research Colloquium on Survey Methods (MaRCS), 14th February, 2023.
- Meiser, T. (2021). *Multidimensional IRT and multiprocess IRTree models for separating traits and response styles in Likert data*. Invited talk in the research colloquium of the School of Social and Behavioral Sciences, Tilburg University, 7th September, 2021.
- Meiser, T. (2021). *What's in a Likert response? Psychometric models for measuring traits and response styles*. Invited keynote address at the 32nd International Congress of Psychology, Prague (digital conference), 18th-23th July, 2021.
- Bott, F., & Meiser, T. (2019). *(Pseudo-)Contingency learning and choice based on information sampling*. Invited talk in the colloquium series *Current Research in Adaptive Cognition* at the University of Heidelberg, 25th November, 2019.
- Meiser, T., & Khorramdel, L. (2019). *IRTtree mixture models for decomposing trait-based responses and response styles*. Invited *Spotlight Talk* at the Annual Meeting of the Psychometric Society, Pontificia Universidad Católica de Chile, Santiago de Chile, 15th-19th July, 2019.



## Teaching Record

Since February 2009, University of Mannheim:

Lectures and seminars on Research Design and Analysis; Multivariate Statistical Analysis; Psychological Assessment; Advanced Topics in Research Methods, Evaluation Methods and Test Theory

April 2007 – January 2009, University of Marburg:

Lectures and seminars on Research Design and Analysis; Test Theory; Evaluation; Advanced Statistical Models in Psychology

October 1999 – March 2007, University of Jena:

Lectures, seminars and empirical classes on Memory; Reasoning; Social Cognition; Emotion and Information Processing; Social Stereotyping; Aggression and Prosocial Behaviour

October 1998 – September 1999, Cardiff University/UK:

Tutorial in Social Psychology for undergraduate students; organisation of a research seminar on Social Cognition for doctoral students and faculty members

April 1996 – September 1998, University of Bonn:

Seminars and empirical classes on Experimental Social Psychology; Methods of Social Psychology; Social Cognition

April 1995 – March 1996, University of Heidelberg:

Seminars and empirical classes on Memory; Perception; Experimental Cognitive Psychology

April 1993 – July 1993, University of Bonn:

Seminars on Data Processing and Computer-Based Data Analysis