

Publications & Conference Contributions

Dipl.-Stat. Julia Mang

Publications (* peer review)

2021

Mang, J., Seidl, L., Schiepe-Tiska, A., Tupac-Yupanqui, A., Ziernwald, L., Doroganova, A., Weis, M., Diedrich, J., Heine, J.-H., González Rodríguez, E. & Reiss, K. (2021). *PISA 2018 Skalenhandbuch. Dokumentation der Erhebungsinstrumente*. [PISA 2018 Questionnaire handbook – Documentation of the assessed instruments] Münster: Waxmann.

Mang, J., Heine, J.-H., Weis, M., Diedrich, J., Schiepe-Tiska, A., Ziernwald, L., Tupac-Yupanqui, A., Doroganova, A., González Rodríguez, E., Reiss, K., Klieme, E. & Köller, O. (2021). *Programme for International Student Assessment 2018 (PISA 2018) (Version 1) [Dataset]*. Berlin: IQB – Institut zur Qualitätsentwicklung im Bildungswesen. https://doi.org/10.5159/IQB_PISA_2018_v1

***Mang, J.**, Küchenhoff, H., Meinck, S., Prenzel, M. (2021). Sampling weights in multilevel modelling: an investigation using PISA sampling structures. *Large-scale Assess Educ* 9, 6. <https://doi.org/10.1186/s40536-021-00099-0>

2020

*Weis, M., Reiss, K., **Mang, J.**, Schiepe-Tiska, A., Diedrich, J., Roczen, N. & Jude, N. (2020). *Global Competence in PISA 2018. Einstellungen von Fünfzehnjährigen in Deutschland zu globalen und interkulturellen Themen [Global Competence in PISA 2018. Attitudes of 15-year-old students in Germany to global and intercultural issues]*. Münster: Waxmann. <https://doi.org/10.31244/9783830993001>

Weis, M., Müller, K., **Mang, J.**, Heine, J.-H., Mahler, N., & Reiss, K. (2020). Soziale Herkunft, Zuwanderungshintergrund und Lesekompetenz in PISA 2018 [Social background, migration background, and reading competence]. In K. Reiss, M. Weis & A. Schiepe-Tiska (Eds.), *PISA 2018. Ergebnisse der aktuellen Erhebungsrunde mit dem Schwerpunkt Lesen [PISA 2018. Results of the current study with the focus on reading]* (pp. 39-48). Schulmanagement-Handbuch (Volume 173). Munich: Cornelsen.

2019

***Mang, J.**, Wagner, S., Gomolka, J., Schäfer, A., Meinck, S., & Reiss, K. (2019). *Technische Hintergrundinformationen PISA 2018 [Technical background information PISA 2018]*. München: Technische Universität München. <http://doi.org/10.14459/2019md1518258>

*Weis, M., Müller, K., **Mang, J.**, Heine, J., Mahler, N. & Reiss, K. (2019). Soziale Kompetenz, Zuwanderungshintergrund und Lesekompetenz [Social competencies, migrational background and reading competencies]. In K. Reiss., M. Weis, E. Klieme & O. Köller (Hrsg.), *PISA 2018. Grundbildung im internationalen Vergleich [Basic education in an international comparison]* (S. 129-162). Münster: Waxmann. <https://doi.org/10.31244/9783830991007>

*Goldhammer, F., Harrison, S., Bürger, S., Kroehne, U., Lüdke, O., Robitzsch, A., Köller, O., Heine, J. & **Mang, J.** (2019). Vertiefende Analysen zur Umstellung des Modus von Papier auf Computer [In-depth analyses for switching from paper to computer based assessment]. In K. Reiss., M. Weis, E. Klieme & O. Köller (Hrsg.), *PISA 2018. Grundbildung im internationalen Vergleich [Basic education in an international comparison]* (S. 163-186). Münster: Waxmann. <https://doi.org/10.31244/9783830991007>

Mang, J., Ustjanzew, N., Leßke, I., Schiepe-Tiska, A. & Reiss, K. (2019). *PISA 2015 Skalenhandbuch. Dokumentation der Erhebungsinstrumente* [PISA 2015 Questionnaire handbook – Documentation of the assessed instruments]. Münster: Waxmann.

Reiss, K., Sälzer, C., Schiepe-Tiska, A., **Mang, J.**, Heine, J.-H., Weis, M., Klieme, E., & Köller O. (2018). *Programme for International Student Assessment 2015 (PISA 2015)*. Version 1. IQB – Institut zur Qualitätsentwicklung im Bildungswesen. Datensatz [Dataset]. http://doi.org/10.5159/IQB_PISA_2015_v1

2018

Mang, J., Ustjanzew, N., Schiepe-Tiska, A., Prenzel, M., Sälzer, C., Müller, K., & González Rodríguez, E. (2018). *PISA 2012 Skalenhandbuch. Dokumentation der Erhebungsinstrumente* [PISA 2012 Questionnaire handbook – Documentation of the assessed instruments]. Münster: Waxmann.

*Weis M., **Mang J.**, Baumann B., & Reiss K. (2018). Zuwanderung und Erfolg aus Sicht der PISA-Studie: Ein Gesamtüberblick von 2000 bis 2015 [Migration and success from the perspective of the PISA study: An overview from 2000 to 2015]. In P. Genkova, & A. Riecken (Eds.) *Handbuch Migration und Erfolg [Handbook of migration and success]*. Springer Reference Psychologie. Wiesbaden: Springer.

2017

*Heine, J. H., Nagy, G., Meinck, S., Zühlke, O., & **Mang, J.** (2017). Empirische Grundlage, Stichprobenausfall und Adjustierung im PISA-Längsschnitt 2012–2013 [Empirically background, sampling drop out and adjustment from PISA 2012-2013]. *Zeitschrift für Erziehungswissenschaft*, 20(2), 1-20. <http://doi.org/10.1007/s11618-017-0756-0>

*Müller, K., Prenzel, M., Sälzer, C., **Mang, J.**, & Gebhardt, M. (2017). *Wie schneiden Schülerinnen und Schüler an Sonder- und Förderschulen bei PISA ab? Analysen aus der PISA 2012-Zusatzerhebung zu Jugendlichen mit sonderpädagogischem*

Förderbedarf [How well score students in special educational schools in PISA? Analyses based on the PISA 2012 oversample comprising of students with special educational needs]. Unterrichtungswissenschaft, 45(2), 194-211.

2016

- *Heine, J.-H., **Mang, J.**, Borchert, L., Gomolka, J., Kröhne, U., Goldhammer, F., & Sälzer, C. (2016). Kompetenzmessung in PISA 2015 [Competence Measurement in PISA 2015]. In K. Reiss., C. Sälzer, A. Schiepe-Tiska, E. Klieme, & O. Köller (Eds.), *PISA 2015. Eine Studie zwischen Kontinuität und Innovation [PISA 2015: A study between continuity and innovation]* (pp. 383-430). Münster: Waxmann.
- *Rauch, D., Mang, J., Härtig, H., & Haag, N. (2016). Naturwissenschaftliche Kompetenz von Schülerinnen und Schülern mit Zuwanderungshintergrund [Science competencies of students with migrational background]. In K. Reiss., C. Sälzer, A. Schiepe-Tiska, E. Klieme, & O. Köller (Eds.), *PISA 2015. Eine Studie zwischen Kontinuität und Innovation [PISA 2015: A study between continuity and innovation]* (pp. 317-347). Münster: Waxmann.
<http://doi.org/0.1177/1367006916658711>

2015

- *Gebhardt, M., Sälzer, C., **Mang, J.**, Müller, K., & Prenzel, M. (2015). *Performance of Students with Special Educational Needs in Germany. Findings from PISA 2012. Journal of Cognitive Education and Psychology, 14(3), 343-356.*
<http://doi.org/10.1891/1945-8959.14.3.343>
- Prenzel, M., Sälzer, C., Klieme, E., Köller, O., **Mang, J.**, Heine, J.-H., Schiepe-Tiska, A., & Müller, K. (2015): *Programme for International Student Assessment 2012 (PISA 2012)*. Version: 3. IQB – Institut zur Qualitätsentwicklung im Bildungswesen. Datensatz [Dataset]. http://doi.org/10.5159/IQB_PISA_2012_v3

2014

- Mitglied der Autorengruppe Bildungsberichterstattung (2014). *Bildung in Deutschland 2014. Ein indikatorengestützter Bericht mit einer Analyse zur Bildung von Menschen mit Behinderungen [Education in Germany 2014. An indicator based review about the education of people with special educational needs]*. Bielefeld: Bertelsmann Verlag. <http://doi.org/10.3278/6001820dw>

2013

- *Gebhardt, M., Rauch, D., **Mang, J.**, Sälzer, C., & Stanat, P. (2013). Mathematische Kompetenz von Schülerinnen und Schülern mit Zuwanderungshintergrund [Mathematical competencies of students with migrational background]. In M. Prenzel, C. Sälzer, E. Klieme, & O. Köller (Eds.). *PISA 2012. Fortschritte und*

Herausforderungen in Deutschland [PISA 2012. Proceedings and challenges] (pp. 275-308). Münster: Waxmann.

- *Heine, J.-H., Sälzer, C., Borchert, L., Sibberns, H., & **Mang, J.** (2013). Technische Grundlagen des fünften internationalen Vergleichs [Technical background of the fifth international cycle]. In M. Prenzel, C. Sälzer, E. Klieme, & Köller, O. (Eds.). *PISA 2012. Fortschritte und Herausforderungen in Deutschland [PISA 2012. Proceedings and challenges]* (pp. 309-346). Münster: Waxmann.

2012

- *Draxler, C., Küchenhoff, H., Heene, M., Bühner, M., & **Mang, J.** (2012). A comparison of parametric methods testing the Rasch Model. *Advances and Applications in Statistical Science*, 8, 1-27.

2009

- Mang, J.** (2009). *Evaluating Goodness-Of-Fit Tests for the Dichotomous Rasch Model*. Veröffentlichte Diplomarbeit [Public available diploma thesis], Ludwig-Maximilians-Universität München.

Conference Contributions

- Meinck, S., **Mang, J.**, Küchenhoff, H., Prenzel, M. (2021, November). Sampling weights in multilevel modelling: an investigation using PISA sampling structures. Presentation at the IEA International Research Conference (IRC) 2021 in Dubai.
- Weis, M., Müller, K., **Mang, J.**, Heine, J.-H., Mahler, N. & Reiss, K. (2020, March). Social background, migration background, and reading competence in PISA 2018 [Symposium session]. In M. Weis & K.Reiss (Chairs), Lesen bei PISA 2018 –Kompetenzen, Motivation und Aspekte der sozialen Herkunft sowie des Zuwanderungshintergrunds. 8th Congress of the Society for Empirical Educational Research (GEBF), University of Potsdam, Germany. (Conference canceled).
- Weis, M., Müller, K., **Mang, J.**, Heine, J.-H., Mahler, N., & Reiss, K. (2019, December). Social background, migration background, and reading competence in PISA 2018. Presentation at the 5th National Conference, PISA 2018, Vertretung des Freistaates Bayern, Berlin, Germany.
- Weis, M., **Mang, J.**, Thiel, B. & Reiss, K. (2019, Juli). *Migration and School Achievement in Germany: Results of the Programme for International Student Assessment (PISA) from 2000 to 2015*. In M. Weis* (Chair), Migration in Europe and Latin America: Challenges for Education and Health. Presentation at the Regional Conference of the International Association for Cross-Cultural Psychology (IACCP), University of Costa Rica, San José, Costa Rica.
- Mang, J.**, Küchenhoff, H., Prenzel, M., & Meinck, S. (2018, February). Investigation of sampling weights in hierarchical models using PISA sampling structures. Paper presented at the 6th Conference of the Association of Empirical Educational Research (GEBF), Basel, Switzerland.
- Weis, M., **Mang, J.**, & Zehner, F. (2017, September). Reading Ability of Fifteen-Year-Olds with and without Migrational Background in PISA 2015. Presentation within the symposium “Aspects of cultural diversity in the school context” at the Conference of the Sections for Developmental and Pedagogical Psychology (PAEPSY), University of Münster, Germany.
- Rauch, D., **Mang, J.**, Härtig, H., & Haag, N. (2017, March). Science competencies of students with migrational background. Presentation within the symposium „Large scale assessments 2015 in Germany: Internationally comparison with PISA“ at the 5th Conference of the Association of Empirical Educational Research (GEBF), Heidelberg, Germany.
- Müller, K., Prenzel, M., Sälzer, C., **Mang, J.**, & Gebhardt, M. (2016, March). How well score students in special educational schools in PISA? Analyses based on the PISA 2012 oversample comprising of students with special educational needs. Presentation

within the symposium “Inclusion of students with special educational needs in the context of large scale assessments” at the 4th Conference of the Association of Empirical Educational Research (GEBF), Berlin, Germany.

Nagy, G., Lüdtke, O., Köller, O., Heine, J.-H., & **Mang, J.** (2015, March). IRT scaling of achievement tests from PISA 2012-2013: consequences from position effects to the achievement processing estimation. Presentation within the symposium “Methodological challenges for the performance and analysis of large scale assessments” at the third Conference of the Association of Empirical Educational Research (GEBF), Bochum, Germany.

Müller, K., Sälzer, C., **Mang, J.**, Heine, J.-H., Gebhardt, M., & Prenzel, M. (2014, March). Competencies from students with special educational needs. Results from the PISA 2012 oversample comprising of students with special educational needs to explore the use of differential test adaptations. Presentation within the symposium „PISA 2012 – actually perspectives of the 5th cycle“ at the second Conference of the Association of Empirical Educational Research (GEBF), Frankfurt, Germany.

Sälzer, C., & **Mang, J.** (2013, April). Re-Thinking Student Behavior: Truancy from an IRT-Perspective. Evaluated and compared through a Swiss Large-Scale Assessment on truancy and PISA 2012 in Germany. Presentation at the AERA Annual Meeting 2013 in San Francisco, USA.

Müller, K., Sälzer, C., **Mang, J.**, Gebhardt, M., & Prenzel, M. (2013, March). Attention based task behaviour from students with special educational needs. Presentation at the first Conference of the Association of Empirical Educational Research (GEBF), Kiel, Germany.

Sälzer, C., **Mang, J.** (2012, November). Re-thinking student behavior: Truancy in an IRT context. Paper presented at the AEA-Europe conference in Berlin.

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