<u>**PUBLICATIONS AND PRESENTATIONS LIST**</u>

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https://scholar.google.de/citations?hl=de&user=2s1J47oAAAAJ

A. ARTICLES IN SCIENTIFIC JOURNALS

<u>**Submitted**</u>

Deisenhofer, A.-K., Barkham, M., Beierl, E. T., <u>Schwartz, B.</u>, Aafjes-van Doorn, K., Beevers, C. G., Berwian, I. M., Blackwell, S. E., Bockting, C. L., Brakemeier, E.-L., Brown, G., Buckman, J. E. J., Castonguay, L. G., Cusack, C. E., Dalgleish, T., de Jong, K., Delgadillo, J., DeRubeis, R. J., Driessen, E., Ehrenreich-May, J., Fisher, A., Fried, E. I., Fritz, J., Furukawa, T. A., Gillan, C. M., Gómez Penedo, J. M., Hitchcock, P. F., Hofmann, S. G., Hollon, S .D., Jacobson, N. C., Karlin, D. R., Lee, C. T., Levinson, C. A., Lorenzo-Luaces, L., McDanal, R., Moggia, D., Ng, M. Y., Norris, L. A., Patel, V., Piccirillo, M. A., Pilling, S., Rubel, J. A., Salazar-de-Pablo, G., Schleider, J. L., Schnurr, P. P., Schueller, S. M., Siegle, G. J., Uher, R., Watkins, E., Webb, C. A., Wiltsey Stirman, S., Wynants, L., Youn, S. J., Zilcha-Mano, S., Lutz, W., & Cohen, Z. D. (2023). *Implementing precision methods in personalizing psychological therapies: Barriers and possible ways forward* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Deisenhofer, A.-K., Hehlmann, M., Rubel, J. A., Lutz, W., <u>Schwartz, B.</u>, Bräscher, A.-K., Christiansen, H., Fehm, L., Glombiewski, J. A., Heider, J., Helbig-Lang, S., Hermann, A., Hoyer, J., In-Albon, T., Lincoln, T., Margraf, J., Risch, A. K., Schöttke, H., Schulze, L., Stark, R., Teismann, T., Velten, J., Willutzki, U., Wilz, G., Witthöft, M., Odyniec, P. (2023). *Love yourself as a therapist, doubt yourself as an institution? Therapist and institution effects on outcome, treatment length, and dropout* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Hehlmann, M. I., <u>Schwartz, B.</u>, Moggia, D., Schaffrath, J., & Lutz, W. (2023). *Cross-sample prediction in psychological therapy: External validation of affect and rumination as predictors of outcome in two EMA samples* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Bommer, J., <u>Schwartz, B.</u>, Klein, C., Rupp, J., Katalinic, A., Assmann, N., Borsche, M., Balck, A., Föh, B., Lutz, W., & Klein, J. P. (2023). *Group-level analysis of intra-individual dynamics in mental health variables: Evidence of a vicious cycle* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Lutz, W., <u>Schwartz, B.</u>, Deisenhofer, A.-K., Hehlmann, M. I., Eberhardt, S. T., Bommer, J., Vehlen, A., Edelbluth, S., Poster, K., Moggia, D., Weinmann-Lutz, B., Rubel, J. A., & Schaffrath, J. (2023). *Ein offenes transtheoretisches Therapie und Training Modell (4TM) für eine evidenzbasierte und personalisierte Psychotherapie-Praxis sowie Aus- und*

Weiterbildung [An open transtheoretical therapy and training model (4TM) for evidence-based and personalized psychotherapy practice, education, and training] [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Lutz, W., Schwartz, B., Deisenhofer, A.-K., Schaffrath, J., Eberhardt, S. T., Bommer, J., Vehlen, A., Moggia, D., Poster, K., Weinmann-Lutz, B., Rubel, J. A., & Hehlmann, M. I. (2023). *From theory to practice: A transtheoretical treatment & training model (4TM)* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Edelbluth, S., Schwartz, B., & Lutz, W. (2023). *The effects of switching to video therapy on in-session processes in psychotherapy* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Schwartz, B., Hehlmann, M. I., Deisenhofer, A.-K., Rubel, J. A., Fischer, L., Lutz, W., & Schöttke, H. (2023). *Identifying future supershrinks: Therapists' interpersonal skills and their effect on treatment outcome* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Eberhardt, S. T., Schaffrath, J., Moggia, D., Schwartz, B., Rubel, J. A., Baur, T., André, E., & Lutz, W. (2023). *Decoding emotions: Multimodal measurement of emotions in psychotherapy using NLP-based sentiment analysis* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Schaffrath, J., Bommer, J., Schwartz, B., Lutz, W., & Deisenhofer, A.-K. (2023). *Where it all begins: Predicting initial therapeutic skills before clinical training* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Bennemann, B., Schwartz, B., & Lutz, W. (2023). *Fostering the upward spiral after a sudden gain in routine care cognitive behavioral therapy* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Haupt, P., Lutz, W., van Bronswijk, S., & Schwartz, B. (2023). *Predicting the course of psychological therapy using a neural network* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Hehlmann, M. I., Moggia, D., Schwartz, B., Driver, C., Eberhardt, S., & Lutz, W. (2023). *Outcome prediction in psychological therapy with continuous time dynamic modeling of affective states and emotion regulation* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

Dingoyan, D., Schepan, M. L., Adedeji, A., Schwartz, B., & Metzner, F. (2023). *Diskriminierungserfahrungen und psychische Gesundheit – Eine Befragung zu Formen, Merkmalen und Lebensbereichen* [Manuscript submitted for publication]. University Clinic Hamburg Eppendorf.

Wester, R. A., Schwartz, B., Lutz, W., Hall, M., Hoos, T., & Rubel, J. (2023). *Treatment credibility as a mechanism of change in cognitive- behavioral therapy: Effects on depression and anxiety* [Manuscript submitted for publication]. Department of Psychology, University of Trier.

2023

Schwartz, B., Uhl, J., & Atzil-Slonim, D. (2023). Editorial: Assessments and measures in psychotherapy research: Going beyond self-report data. *Frontiers in Psychiatry, 14*, 1276222. https://doi.org/10.3389/fpsyt.2023.1276222

Uhl, J., Eberhardt, S., Schwartz, B., Rafaeli, E., & Lutz, W. (2023). Emotion dynamics of clients with test anxiety before and after imagery-based treatment. *Journal of Behavior Therapy and Experimental Psychiatry*. https://doi.org/10.1016/j.jbtep.2023.101909

Moggia, D., Lutz, W., Kazantzis, N., Schwartz, B., & Bakker, D. (2023). Symptom reduction and engagement in a cognitive-behavioral mobile phone app: A study of user profiling to determine prognostic indicators. *Behavior Therapy*. https://doi.org/10.1016/j.beth.2023.05.014

Moggia, D., Bennemann, B., Schwartz, B., Hehlmann, M. I., Driver, C. C., & Lutz, W. (2023). Process-based psychotherapy personalization: Considering causality with continuous-time dynamic modeling. *Psychotherapy Research*. https://doi.org/10.1080/10503307.2023.2222892

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Giesemann, J., Delgadillo, J., Schwartz, B., Bennemann, B., & Lutz, W. (2023). Predicting dropout from psychological treatment using different machine learning algorithms, resampling methods, and sample sizes. *Psychotherapy Research, 33*(6), 683–695. https://doi.org/10.1080/10503307.2022.2161432

Moggia, D., Schwartz, B., Rubel, J. A., Zimmermann, D., Kästel, B., & Lutz, W. (2023). Is it me, is it you or is it both of US? Applying the social relations model to disentangle the components of the therapeutic bond. *Psychotherapy Research, 33*(1), 30–44. https://doi.org/10.1080/10503307.2022.2126334

2022

Terhürne, P., Schwartz, B., Baur, T., Schiller, D., Eberhardt, S. T., André, E., & Lutz, W. (2022). Validation and application of the Non-Verbal Behavior Analyzer: An automated tool to assess non-verbal emotional expressions in psychotherapy. *Frontiers in Psychiatry, 13*, 1026015. https://doi.org/10.3389/fpsyt.2022.1026015

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Lutz, W., Deisenhofer, A.-K., Rubel, J., Bennemann, B., Giesemann, J., Poster, K., & Schwartz, B. (2022). Prospective evaluation of a clinical decision support system in psychological therapy. *Journal of Consulting and Clinical Psychology, 90*(1), 90–106. https://doi.org/10.1037/ccp0000642

Gómez Penedo, J. M., Schwartz, B., Giesemann, J., Rubel, J. A., Deisenhofer, A-K., & Lutz, W. (2022). For whom should psychotherapy focus on problem coping? A machine learning algorithm for treatment personalization. *Psychotherapy Research, 32*(2), 151–164. https://doi.org/10.1080/10503307.2021.1930242

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Rubel, J. A., Wester, R., Schwartz, B., & Lutz, W. (2021). Möglichkeiten und Grenzen des Maschinellen Lernens im Rahmen der Psychotherapie [Possibilities and limits of machine learning in the context of psychotherapy]. *Verhaltenstherapie & Psychosoziale Praxis, 53*(4), 755–771.

Hoeboer, C. M., Oprel, D. A. C., De Kleine, R. A., Schwartz, B., Deisenhofer, A.-K., Schoorl, M., Van Der Does, W., van Minnen, A., & Lutz, W. (2021). Personalization of treatment for patients with childhood abuse-related posttraumatic stress disorder. *Journal of Clinical Medicine, 10*(19), 4522. https://doi.org/10.3390/jcm10194522

Lutz, W., & Schwartz, B. (2021). Trans-theoretical clinical models and the implementation of precision mental health care. *World Psychiatry, 20*(3), 380–381. https://doi.org/10.1002/wps.20888

Lutz, W., Edelbluth, S., Deisenhofer, A.-K., Delgadillo, J., Moggia, D., Prinz, J., & Schwartz, B. (2021). The impact of switching from face-to-face to remote psychological therapy

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Hehlmann, M. I., Schwartz, B., Lutz, T., Gómez Penedo, J. M., Rubel, J. A., & Lutz, W. (2021). The use of digitally assessed stress levels to model change processes in CBT - A feasibility study on seven case examples. *Frontiers in Psychiatry, 12*, 613085. https://doi.org/10.3389/fpsyt.2021.613085

Schwartz, B., Cohen, Z. D., Rubel, J. A., Zimmermann, D., Wittmann, W. W., & Lutz, W. (2021). Personalized treatment selection in routine care: Integrating machine learning and statistical algorithms to recommend cognitive behavioral or psychodynamic therapy. *Psychotherapy Research, 31*(1), 33–51. https://doi.org/10.1080/10503307.2020.1769219

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Gómez Penedo, J. M., Schwartz, B., Deisenhofer, A-K., Rubel, J., Babl, A. M., & Lutz, W. (2021). Interpersonal clarification effects in Cognitive-Behavioral Therapy for depression and how they are moderated by the therapeutic alliance. *Journal of Affective Disorders, 279*, 662–670. https://doi.org/10.1016/j.jad.2020.10.043

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Altmann, U., Schwartz, B., Schönherr, D., Rubel, J., Stangier, U., Lutz, W., & Strauß, B. (2020). Therapeuteneffekte bei der ambulanten Behandlung sozialer Ängste [Therapist effects in outpatient treatment of social anxiety disorder]. *Psychotherapeut, 65*(6), 444–455. https://doi.org/10.1007/s00278-020-00453-7

Lutz, W., Schwartz, B., Gómez Penedo, J. M., Boyle, K., & Deisenhofer, A.-K. (2020). Working towards the development and implementation of precision mental healthcare: An example. *Administration and Policy in Mental Health and Mental Health Services Research, 47*, 856–861. https://doi.org/10.1007/s10488-020-01053-y

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Altmann, U., Schoenherr, D., Paulick, J., Deisenhofer, A.-K., Schwartz, B., Rubel, J. A., Stangier, U., Lutz, W., & Strauss, B. (2020). Associations between movement synchrony and outcome in patients with social anxiety disorder: Evidence for treatment specific effects. *Psychotherapy Research, 30*(5), 574–590. https://doi.org/10.1080/10503307.2019.1630779

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Deisenhofer, A.-K., Delgadillo, J., Rubel, J. A., Böhnke, J. R., Zimmermann, D., Schwartz, B., & Lutz, W. (2018). Individual treatment selection for patients with posttraumatic stress disorder. *Depression and Anxiety*, *35*(6), 541–550. https://doi.org/10.1002/da.22755

Lutz, W., Schwartz, B., Hofmann, S. G., Fisher, A. J., Husen, K., & Rubel, J. A. (2018). Using network analysis for the prediction of treatment dropout in patients with mood and anxiety disorders: A methodological proof-of-concept study. *Scientific Reports*, *8*, 7819. https://doi.org/10.1038/s41598-018-25953-0

Paulick, J., Rubel, J. A., Deisenhofer, A.-K., Schwartz, B., Thielemann, D., Altmann, U., Boyle, K., Strauß, B., & Lutz, W. (2018). Diagnostic features of nonverbal synchrony in

psychotherapy: Comparing depression and anxiety. *Cognitive Therapy and Research*, *42*, 539–551. https://doi.org/0.1007/s10608-018-9914-9

B. BOOK CHAPTERS

Schwartz, B., & Lutz, W. (in press). Therapieevaluation und Qualitätsmanagement [Therapy evaluation and quality management]. In T. Teismann, P. Thoma & A. Wannemüller (Eds.), *Master Klinische Psychologie und Psychotherapie: Ein Lehr- und Lernbuch.* Hogrefe.

Schwartz, B., & Lutz, W. (2021). Zwischenevaluation [Interim evaluation]. In W. Rief, E. Schramm & B. Strauß (Eds.), *Psychotherapie: Ein kompetenzorientiertes Lehrbuch* (pp. 493–494). Elsevier.

Lutz, W., & Schwartz, B. (2021). Therapieende [End of therapy]. In W. Rief, E. Schramm & B. Strauß (Eds.), *Psychotherapie: Ein kompetenzorientiertes Lehrbuch* (pp. 496–497). Elsevier.

C. BOOKS

Schwartz, B. (2016). *Therapeuteneffekte auf Outcome, Sitzungsanzahl und Dropout. Multivariate Multilevel-Analyse mit Markov-Chain-Monte-Carlo-Schätzung [Therapist effects on outcome, number of sessions, and dropout. Multivariate multilevel analysis with Markov chain Monte Carlo estimation.*. Springer Fachmedien Wiesbaden (BestMasters).

D. ABSTRACTS AND SCIENTIFIC PRESENTATIONS

2023

Schwartz, B., & Lutz, W. (2023, November 29–December 2). *Grau ist alle Theorie – Auf dem Weg zu einer daten-informierten klinischen Ausbildung* [Conference presentation]. Deutsche Gesellschaft für Psychiatrie und Psychotherapie, Psychosomatik und Nervenheilkunde (DGPPN) Kongress, Berlin, Germany.

Wester, R., Schwartz, B., Lutz, W., Hall, M., Hoos, T., & Rubel, J. (2023, June 21–24). *Treatment credibility as a mechanism of change in cognitive-behavioral therapy: Effects on depression and anxiety* [Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Moggia, D., Schwartz, B., Giesemann, J., Hehlmann, M., Eberhardt, S., & Lutz, W. (2023, June 21–24). *What's the best process for whom? Predicting the cross-lagged effects of problem coping, interpersonal and affective experiences on treatment outcome*

[Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Eberhardt, S. T., Schaffrath, J., Schwartz, B., Moggia, D., Baur, T., André, E., & Lutz, W. (2023, June 21–24). *I feel you! Integrating and validating novel multimodal measures of emotion in psychotherapy* [Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Hehlmann, M. I., Moggia, D., Schwartz, B., & Lutz, W. (2023, June 21–24). *Outcome prediction in psychological therapy with continuous time dynamic modeling of digitally assessed phenotyping parameters* [Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Schwartz, B., Eberhardt, S. T., Baur, T., Terhürne, P., André, E., & Lutz, W. (2023, June 21–24). *Using machine learning for automated emotion recognition in psychotherapy* [Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Fernández-Álvarez, J., Babl, A., Delgadillo, J., de Jong, K., grosse Holtforth, M., Sauer Zavala, S., Schwartz, B., Cohen, Z., & Fisher, S. (2023, June 21–24). *Transdiagnostic and personalized psychotherapy: Complementary or opposite approaches?* [Structured discussion]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Page, A. C., Paz, C., Boswell, J. F., Schwartz, B., & Moltu, C. (2023, June 21–24). *How routine outcomes monitoring is being adapted to facilitate responsive evidence-based clinical practice?* [Structured discussion]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Schwartz, B. [discussant] (2023, June 21–24). *Advances in personalized psychotherapy: Contributions from practice-oriented research* [Conference session]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Rubel, J. A., Schwartz, B., Wester, R., Iovoli, F., Deisenhofer, A.-K., & Lutz, W. (2023, June 21–24). *Does feedback moderate the within-patient effects of alliance ruptures on subsequent symptoms and alliance ratings?* [Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Deisenhofer, A.-K., Odyniec, P., Schwartz, B., Rubel, J. A., & Lutz, W. (2023, June 21–24). *Love yourself as a therapist, doubt yourself as an institution?* [Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), Dublin, Ireland.

Edelbluth, S. C., Schwartz, B., & Lutz, W. (2023, June 21–24). *The impact of social distancing on mental health during the COVID-19 pandemic* [Conference presentation]. 54th International Annual Meeting of the Society for Psychotherapy Research (SPR), online.

Hehlmann, M. I., Schwartz, B., Moggia, D., & Lutz, W. (2023, June 5–7). *Two is better than one. Using separate EMA samples for outcome prediction in psychological therapy* [Conference presentation]. Society for Ambulatory Assessment (SAA) Conference, Amsterdam, Netherlands.

Hehlmann, M. I., Moggia, D., Schwartz, B., & Lutz, W. (2023, May 25–28). *Outcome prediction in psychological therapy with continuous time dynamic modeling of digitally assessed phenotyping parameters* [Conference presentation]. 33rd Annual Convention of the Association for Psychological Science (APS), Washington, D.C., United States.

Schwartz, B., Eberhardt, S., Baur, T., André, E., & Lutz, W. (2023, May 25–28). *Measurement and predcition accuracy of the Nonverbal Behavior Analyzer (NOVA): Comparing strategies for training emotional valence and arousal models* [Conference presentation]. 33rd Annual Convention of the Association for Psychological Science (APS), Washington, D.C., United States.

Schwartz, B. [chair] (2023, May 10–13). *Fortschritte bei Video- und Sprachanalysen zur Verbesserung von Vorhersagen in der Psychotherapie* [Conference session]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Rubel, J. A, & Schwartz, B. [chairs] (2023, May 10–13). *Innovative Ansätze in der Psychotherapieforschung: Personalisiert, digital und schulenübergreifend* [Conference session]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Rubel, J. A., Schwartz, B., Deisenhofer, A.-K., & Lutz, W. (2023, May 10–13). *Die Rolle von Feedback für die Bildung von Therapeut:innenurteilen – Sind manche Therapeut:innen mehr durch Patient:innenurteile beeinflusst als andere?* [Conference session]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Moggia, D., Schwartz, B., & Lutz, W. (2023, May 10–13). *Applying the social relations model in psychotherapy to disentangle the components of the therapeutic bond* [Conference presentation]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Deisenhofer, A.-K., Hehlmann, M., Odyniec, P., Schwartz, B., Rubel, J. A., Bräscher, A.-K., Christiansen, H., Fehm, L., Glombiewski, J., Heider, J., Helbig-Lang, S., Hermann, A., Hoyer, J., In-Albon, T., Lincoln, T., Margraf, J., Risch, A. K., Schöttke, H., Schulze, L., Stark, R., Teismann, T., Velten, J., Willutzki, U., Wilz, G., Witthöft, M., & Lutz, W. (2023, May 10–13). *Love yourself as a therapist, doubt yourself as an institution?* [Conference presentation]. 2. Deutscher Psychotherapie Kongress der Fachgruppe

Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Lidolt, G., Benecke, A., Brakemeier, E.-L., Bräscher, A.-K., Christiansen, H., Fydrich, T., Equit, M., Glombiewski, J., Heider, J., Helbig-Lang, S., Hermann, A., Hoyer, J., In-Albon, T., Klucken, T., Lincoln, T., Lutz, W., Margraf, J., Odyniec, P., Pedersen, A., Risch, A. K., Rubel, J., Schanz, C., Schöttke, H., Schwartz, B., Stark, R., Teismann, T., Velten, J., Willutzki, U., & Wilz, G. (2023, May 10–13). *Arbeitsfähigkeit nach Psychotherapie - Der Einfluss von Patient:innen- und Behandlungsmerkmalen auf den Arbeitsfähigkeitsstatus* [Conference presentation]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Schwartz, B., Eberhardt, S. T., Baur, T., André, E., & Lutz, W. (2023, May 10–13). *Automatisierte Erfassung von Emotionen in der Psychotherapie: Ein Vergleich unterschiedlicher Ansätze zur Modellentwicklung* [Conference presentation]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Schwartz, B., Rubel, J. A., Deisenhofer, A.-K., & Lutz, W. (2023, May 10–13). *Schwing mit: Der Effekt von bewegungsbasiertem Attunement zwischen Patient*in und Therapeut*in auf frühe Verbesserungen in der Psychotherapie* [Conference presentation]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Eberhardt, S. T., Schaffrath, J., Moggia, D., Schwartz, B., Rubel, J. A., Baur, T., André, E., & Lutz, W. (2023, May 10–13). *Decoding Emotions: Sentiment Analysen zur multimodalen Messung von Emotionen in der Psychotherapie* [Conference presentation]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Hehlmann, M. I., Moggia, D., Schwartz, B., & Lutz, W. (2023, May 10–13). *Ecological Momentary Assessment von Affekt und physiologischen Parametern zur Vorhersage von Therapieerfolg und Personalisierung der Psychotherapie* [Conference presentation]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Schwartz, B. (2023, May 10–13). *Welche Behandlung nützt welcher/m Patient/in? Training und Validierung von auf maschinellem Lernen basierenden Modellen zur Behandlungsauswahl* [Invited Workshop]. 2. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

2022

Schwartz, B., & Lutz, W. (2022, November 17–20). *Supporting therapists in clinical decision-making with data-informed personalized recommendations: Use of the Trier Treatment Navigator before and during the COVID-19 pandemic* [Conference presentation]. 56th Annual Convention of the Association for Behavioral and Cognitive Therapies (ABCT), New York, NY, United States.

Schwartz, B. (2022, November 14–15). *Developing and implementing data-informed psychotherapy* [Invited workshop]. Mind Hack 2022, Sheffield, United Kingdom.

Schwartz, B., & Lutz, W. (2022, September 10–15). *Was wirkt für wen? Daten-informierte Empfehlungen zur Auswahl von Therapieansatz und -strategie* [Conference presentation]. 52. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Hildesheim, Germany.

Schwartz, B., Lutz, W., Fischer, L., & Schöttke, H. (2022, July 6–9). *Therapists' interpersonal skills and their effect on treatment outcome* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Deisenhofer, A.-K., Schwartz, B., Rubel, J. A., & Lutz, W. (2022, July 6–9). *What do we know about effective therapists regarding different forms of outcome? Therapist effects on outcome, dropout and treatment length* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Terhürne, P., Schwartz, B., Baur, T., André, E., & Lutz, W. (2022, July 6–9). *Validation and application of the Nonverbal Behavior Analyzer (NOVA): An automated tool to assess nonverbal emotional expressions in psychotherapy* [Poster presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), online

Edelbluth, S., Schwartz, B., & Lutz, W. (2022, July 6–9). *The effects of switching to video therapy on the therapeutic alliance* [Poster presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), online.

Giesemann, J., Delgadillo, J., Schwartz, B., Bennemann, B., & Lutz, W. (2022, July 6–9). *Predicting dropout from psychological treatment using different Machine Learning algorithms, resampling methods and sample sizes* [Poster presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), online.

Moggia, D., Schwartz, B., Rubel, J. A., Zimmermann, D., Kästel, B., & Lutz, W. (2022, July 6–9). *Is it me, is it you or is it both of us? Applying the Social Relations Model to disentangle the components of the therapeutic relationship* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Atzil-Slonim, D., Rubel, J. A., Imel, Z., Narayanan, S., Hofmann, S., Anderson, T., <u>Schwartz, B.</u>, & Wolf, M. (2022, July 6–9). *Using computerized video, audio and text analyses to advance psychotherapy research* [Semi-plenary]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Gómez Penedo, J. M., <u>Schwartz, B.</u>, Giesemann, J., Rubel, J. A., Deisenhofer, A.-K., & Lutz, W. (2022, July 6–9). *Treatment personalization at the process level using Machine Learning: For whom should psychotherapy focus on problem coping?* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Lutz, W., Rubel, J. A., Eberhardt, S., Schaffrath, J., & <u>Schwartz, B.</u> (2022, July 6–9). *Data-informed psychological therapy in clinical practice* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Hehlmann, M. I., Moggia, D., <u>Schwartz, B.</u>, & Lutz, W. (2022, July 6–9). *Let`s understand your daily dynamics before we start: Analyzing digitally assessed phenotyping parameters to personalize psychotherapy* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Bennemann, B., <u>Schwartz, B.</u>, Giesemann, J., & Lutz, W. (2022, July 6–9). *Predicting dropout in outpatient psychotherapy with Machine Learning algorithms* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), online.

<u>Schwartz, B.</u> [chair] (2022, July 6–9). *Exposure and Patient Activation in Context* [Brief paper session]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Rubel, J. A., <u>Schwartz, B.</u>, Deisenhofer, A.-K., & Lutz, W. (2022, July 6–9). *The influence of psychometric feedback on the association of patient and therapist ratings over the course of treatment* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Eberhardt, S. T., Deisenhofer, A.-K., <u>Schwartz, B.</u>, & Lutz, W. (2022, July 6–9). *What to do first? Data-informed treatment strategy selection for patients with PTSD* [Conference presentation]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

<u>Schwartz, B.</u> (2022, July 6–9). *Which treatment benefits which patient? Training and testing Machine Learning-based treatment selection models* [Invited workshop]. 53rd International Annual Meeting of the Society for Psychotherapy Research (SPR), Denver, CO, United States.

Lutz, W., Rubel, J., Deisenhofer, A.-K., Eberhardt, S., & <u>Schwartz, B.</u> (2022, June 7–11). *Evidenzgestützte Personalisierung: Differentielle Vorhersagen und adaptive Prozesse in der kognitiven Verhaltenstherapie* [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Deisenhofer, A.-K., <u>Schwartz, B.</u>, Rubel, J. A., & Lutz, W. (2022, June 7–11). *Beeinflussen Therapeutenunterschiede das Therapieergebnis, die Therapielänge oder Therapieabbrüche in Forschungs-, Lehr- und Ausbildungsambulanzen?* [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Eberhardt, S. T., Alsmeyer, M., Deisenhofer, A.-K., <u>Schwartz, B.</u>, & Lutz, W. (2022, June 7–11). *Erst stabilisieren oder früh konfrontieren? Personalisierte Strategieempfehlungen für Patient*innen mit PTBS* [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

<u>Schwartz, B.</u>, Lutz, W., Fischer, L., & Schöttke, H. (2022, June 7–11). *Was macht Therapeut:innen erfolgreich? Der Einfluss interpersoneller Fähigkeiten auf das Therapieergebnis* [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Rubel, J., <u>Schwartz, B.</u>, Deisenhofer, A.-K., & Lutz, W. (2022, June 7–11). *Wie wirkt Routine Outcome Monitoring (ROM) und Feedback? – Verbesserte Therapeut*innenwahrnehmung der Patientenbelastung als Wirkmechanismus?* [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Edelbluth, S. C., <u>Schwartz, B.</u>, & Lutz, W. (2022, June 7–11). *Die Auswirkungen des Wechsels von Face-to-Face-Psychotherapie zu Videotherapie auf die Symptombelastung und die therapeutische Beziehung* [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Bennemann, B., <u>Schwartz, B.</u>, Giesemann, J., & Lutz, W. (2022, June 7–11). *Vorhersage des Therapieabbruchs bei ambulanter KVT mit maschinellen Lernalgorithmen* [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Hehlmann, M. I., Moggia, D., <u>Schwartz, B.</u>, & Lutz, W. (2022, June 7–11). *Ecological Momentary Assessment von Affekt und physiologischen Parametern zur Personalisierung*

der Psychotherapie [Conference presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Terhürne, P., Schwartz, B., Baur, T., André, E., & Lutz, W. (2022, June 7–11). *Validierung und Anwendung des Nonverbal Behavior Analyzer (NOVA): Ein automatisiertes Instrument zur Bewertung nonverbaler emotionaler Äußerungen in der Psychotherapie* [Poster presentation]. 1. Deutscher Psychotherapie Kongress der Fachgruppe Klinische Psychologie und Psychoptherapie der Deutschen Gesellschaft für Psychologie (DGPs), Berlin, Germany.

Schwartz, B. (2022, March 22–26). *Data cleaning and handling of missing data* [Invited workshop]. Society for Psychoptherapy Research (SPR) EU-UK-Joint-Methods Workshop for Early Career Researchers, Gießen, Germany.

2021

Eberhardt, S. T., Alsmeyer, M., Deisenhofer, A.-K., Schwartz, B, & Lutz, W. (2021, December 9). *What to do first? Data-informed treatment strategy selection for patients with PTSD* [Poster presentation]. 2021-22 Initiative to Support Early Career Researchers of the Society for Psychotherapy Research European Chapter (EU-SPR), online.

Schwartz, B., Hehlmann, M., & Lutz, W. (2021, September 16–17). *Intensive longitudinal assessments for data-informed psychological therapy* [Conference presentation]. Treatment Selection Idea Lab (TSIL) 2021, online.

Deisenhofer, A.-K., Rubel, J., Schwartz, B., & Lutz, W. (2021, September 16–17). *Heterogeneity as an opportunity for precision medicine* [Conference presentation]. Treatment Selection Idea Lab (TSIL) 2021, online.

Lutz, W., Deisenhofer, A.-K., Rubel, J., Bennemann, B., Giesemann, J., & Schwartz, B. (2021, September 16–17). *Evidence-based and personalized recommendations in clinical practice - A prospective evaluation* [Conference presentation]. Treatment Selection Idea Lab (TSIL) 2021, online.

Lutz, W., Deisenhofer, A.-K., Rubel, J., Bennemann, B., Giesemann, J., & Schwartz, B. (2021, September 8–11). *Prospective evaluation of a clinical decision support system in psychological therapy* [Conference presentation]. Annual Congress of the European Association for Behavioural and Cognitive Therapies (EABCT), online.

Moggia, D., Prinz, J., Edelbluth, S., Schwartz, B., & Lutz, W. (2021, September 8–11). *Patterns and mechanisms of change in CBT for depression: Gauging the balance between problem and resources activation. The role of therapists* [Conference presentation]. Annual Congress of the European Association for Behavioural and Cognitive Therapies (EABCT), online.

Schwartz, B. [chair]. (2021, September 8–11). *Cognitive-behavioral therapy in times of crisis: Prediction, treatment selection, and personalization of psychotherapy* [Conference

session]. Annual Congress of the European Association for Behavioural and Cognitive Therapies (EABCT), online.

Schwartz, B., Edelbluth, S. C., & Lutz, W. (2021, September 8–11). *Switching from face-to-face to video therapy during the COVID-19 pandemic: Impact and personalized recommendations* [Conference presentation]. Annual Congress of the European Association for Behavioural and Cognitive Therapies (EABCT), online.

Schwartz, B., & Lutz, W. (2021, June 23–26). *Personalized treatment selection: Recommending treatment approach and setting based on machine learning and inferential statistics* [Conference presentation]. 52nd Annual International Meeting of the Society for Psychotherapy Research (SPR), online.

Edelbluth, S., Schwartz, B., Deisenhofer, A.-K., Moggia, D., Prinz, J., Delgadillo, J., & Lutz, W. (2021, June 23–26). *What is the impact of switching from face-to-face to video-based psychotherapy during the COVID-19 pandemic?* [Conference presentation]. 52nd Annual International Meeting of the Society for Psychotherapy Research (SPR), online.

Hehlmann, M., Schwartz, B., & Lutz, W. (2021, June 23–26). *The use of digitally assessed phenotyping parameters to model change processes in psychological therapy - Development of an EMA feedback tool* [Conference presentation]. 52nd Annual International Meeting of the Society for Psychotherapy Research (SPR), online.

Moggia, D., Prinz, J., Edelbluth, S., Schwartz, B., & Lutz, W. (2021, June 23–26). *Patterns of change and change mechanisms in psychotherapy for depression: Which comes first, resource or problem activation?* [Conference presentation]. 52nd Annual International Meeting of the Society for Psychotherapy Research (SPR), online.

Rubel, J., Rapp, F., Schwartz, B., Hall, M., Wester, R., Lalk, C., & Lutz, W. (2021, June 23–26). *The role of therapists' awareness of patients' functioning for the effects of ROM and feedback* [Conference presentation]. 52nd Annual International Meeting of the Society for Psychotherapy Research (SPR), online.

Altmann, U., Schwartz, B., Schoenherr, D., Rubel, J., Stangier, U., Lutz, W., & Strauß, B. (2021, June 23–26). *Within- and between-therapist effects of therapeutic alliance and movement synchrony in the treatment of social anxiety disorder* [Conference presentation]. 52nd Annual International Meeting of the Society for Psychotherapy Research (SPR), online.

Lutz, W., Deisenhofer, A.-K., Rubel, J., Bennemann, B., Giesemann, J., Poster, K., & Schwartz, B. (2021, June 23–26). *Evidence-based personalized recommendations in clinical practice: A prospective evaluation of a clinical decision support system* [Conference presentation]. 52nd Annual International Meeting of the Society for Psychotherapy Research (SPR), online.

Schwartz, B., & Lutz, W. (2021, June 30–July 2). *Using complex network analysis based on ambulatory assessments to improve dropout prediction in routine care* [Conference presentation]. Society for Ambulatory Assessment (SAA) Conference 2021, online.

Edelbluth, S., <u>Schwartz, B.</u>, & Lutz, W. (2021, May 12–15). *Die Auswirkungen des Wechsels von Präsenz- zu Videotherapie und das Risiko, dass sich Patienten nicht wie erwartet verbessern* [Conference presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), online.

Giesemann, J., Delgadillo, J., <u>Schwartz, B.</u>, Bennemann, B., & Lutz, W. (2021, May 12–15). *Vorhersage von Therapieabbrüchen in der Psychotherapie mit Machine Learning Algorithmen* [Poster presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), online.

<u>Schwartz, B.</u>, & Lutz, W. (2021, May 12–15). *Differentielle Indikation und Prognose in der Psychotherapie: Dateninformierte Empfehlungen für Therapieansatz und –setting* [Poster presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), online.

Hehlmann, M., <u>Schwartz, B.</u>, & Lutz, W. (2021, May 12–15). *Die Verwendung von physiologischen Parametern zur Modellierung von Veränderungen in Psychotherapie - Entwicklung eines EMA-Feedback-Tools* [Conference presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), online.

Lutz, W., Rubel, J., <u>Schwartz, B.</u>, Boyle, K., & Deisenhofer, A. (2021, May 12–15). *Personalisierte Interventionsforschung in der klinischen Praxis: Eine prospektive Studie* [Conference presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), online.

<u>Schwartz, B.</u>, & Lutz, W. (2021, May 17–21). *Using complex network analysis on intensive longitudinal data to predict treatment dropout in patients with mood and anxiety disorders* [Conference presentation]. Research Synthesis and Big Data in Psychology Conference of the Leipniz Institute for Psychologische Information (ZPID), online.

Hehlmann, M., <u>Schwartz, B.</u>, & Lutz, W. (2021, May 17–21). *The use of digitally assessed phenotyping parameters to model change in psychological therapy – Development of an EMA feedback tool* [Conference presentation]. Research Synthesis and Big Data in Psychology Conference of the Leipniz Institut für Psychologische Information (ZPID), online.

2020

<u>Schwartz, B</u>, & Lutz, W. (2020, November 27). *The best of both worlds: Integrating machine learning and statistical algorithms to recommend cognitive behavioral or psychodynamic therapy in routine care* [Poster presentation]. 2020-21 Initiative to Support Early Career Researchers of the Society for Psychotherapy Research European Chapter (EU-SPR), online.

Edelbluth, S. C., <u>Schwartz, B.</u>, Deisenhofer, A.-K., & Lutz, W. (2020, November 27). *What is the impact of switching from face-to-face to video-based psychotherapy during the COVID-19 pandemic?* [Poster presentation]. 2020-21 Initiative to Support Early Career Researchers of the Society for Psychotherapy Research European Chapter (EU-SPR), online.

<u>Schwartz, B.</u>, & Lutz, W. (2020, September 2–5). *Using complex network analysis to improve dropout prediction in routine care* [Conference presentation]. 50th European Association for Behavioural and Cognitive Therapies (EABCT) Congress, Athens, Greece. (Confrence canceled)

Zilcha-Mano, S., Kivlighan, D. M., Goldberg, S. B., Kleinbub, J. R., <u>Schwartz, B.</u>, Aafjes-van Doorn, K., Flückiger, C., & Schwartzman, C. M. (2020, June 17–20). *Innovative approaches to exploring processes of change in psychotherapy research* [Structured discussion]. 51st Annual International Meeting of the Society for Psychotherapy Research (SPR), Amherst, MA, United States. (Conference canceled)

Rubel, J., <u>Schwartz, B.</u>, Hall, M., & Lutz, W. (2020, June 17–20). *Effects of providing therapists with personalized predictions of dropout risk – "Is knowing better than not knowing?"* [Conference presentation]. 51st Annual International Meeting of the Society for Psychotherapy Research (SPR), Amherst, MA, United States. (Conference canceled)

<u>Schwartz, B.</u>, Cohen, Z. D., Rubel, J. A., & Lutz, W. (2020, June 17–20). *Differential treatment selection in routine care: Integrating machine learning and statistical algorithms to recommend Cognitive Behavioral or Psychodynamic Therapy* [Conference presentation]. 51st Annual International Meeting of the Society for Psychotherapy Research (SPR), Amherst, MA, United States. (Conference canceled)

Hehlmann, M., <u>Schwartz, B.</u>, & Lutz, W. (2020, May 21–23). *Vorhersage von Therapieabbruch auf der Basis von Netzwerkanalysen und Ecological Momentary Assessment (EMA) Daten* [Conference presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Mannheim, Germany. (Conference canceled)

Lutz, W., Rubel, J. A., <u>Schwartz, B.</u>, Boyle, K., & Deisenhofer, A.-K. (2020, May 21–23). *Personalisierte Interventionsforschung in der klinischen Praxis: Eine prospektive Studie* [Conference presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Mannheim, Germany. (Conference canceled)

Rubel, J. A., <u>Schwartz, B.</u>, Hall, M., & Lutz, W. (2020, May 21–23). *Prädiktion des personalisierten Abbruchrisikos und dessen Rückmeldung an Therapeut_innen – Selbsterfüllende Prophezeiung oder Chance zur Reduktion von Therapieabbrüchen?* [Conference presentation]. 38. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Mannheim, Germany. (Conference canceled)

<u>Schwartz, B.</u>, & Lutz, W. (2020, May 21–24). *Enhancement of the Trier Treatment Navigator: Using network analysis to improve the prediction of treatment dropout*

[Conference presentation]. 32nd Annual Convention of the Association for Psychological Science (APS), Chicago, IL, United States. (Conference canceled)

Schwartz, B., & Lutz, W. (2020, April 2). *Using complex network analysis based on intensive longitudinal data to predict treatment dropout in patients with mood and anxiety disorders* [Conference presentation]. Methods and Applications of Analyzing Intensive Longitudinal Data (ILD) Symposium of the Leibniz-Zentrum für Psychologische Information und Dokumentation (ZPID), Trier, Germany. (Conference canceled)

2019

Lutz, W., Rubel, J., Schwartz, B., Giesemann, J. & Deisenhofer, A.-K. (2019, July 17–20). *On the way to personalize treatments: Using network-analysis to improve predictions of dropout* [Conference presentation]. 9th World Congress of Behavioural and Cognitive Therapies (WCBCT), Berlin, Germany.

Lutz, W., Rubel, J., Schwartz, B., Schilling, V., Giesemann, J., & Deisenhofer, A.-K. (2019, July 17–20). *Towards the integration of personalized intervention research into clinical practice: The Trier Treatment Navigator* [Conference presentation]. 9th World Congress of Behavioural and Cognitive Therapies (WCBCT), Berlin, Germany.

Schwartz, B., Cohen, Z. D., Rubel, J. A., & Lutz, W. (2019, July 17–20). *Individual treatment selection in routine care: Development of a machine-learning-based algorithm* [Conference presentation]. 9th World Congress of Behavioural and Cognitive Therapies (WCBCT), Berlin, Germany.

Schwartz, B., & Lutz, W. (2019, June 3–4). *Personalized research and practice in psychotherapy: The Trier Treatment Navigator (TTN) as an example* [Conference presentation]. 3rd International INSPIRE Meeting, Braga, Portugal.

Schwartz, B., Cohen, Z. D., Rubel, J. A., & Lutz, W. (2019, May 29–June 1). *Personalisierte Behandlungsplanung in der Routineversorgung: Entwicklung eines Machine-Learning-basierten Algorithmus zur Empfehlung von Verhaltenstherapie oder Psychodynamischer Therapie* [Conference presentation]. 11. Workshopkongress für Klinische Psychologie und Psychotherapie und 37. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Erlangen, Germany.

Lutz, W., Rubel, J., Zimmermann, D., Schwartz, B., & Deisenhofer, A.-K. (2019, May 29– June 1). *Personalisierte Vorhersagen und adaptives Problemlösen in der Psychotherapie: Der Trierer Therapie Navigator* [Conference presentation]. 11. Workshopkongress für Klinische Psychologie und Psychotherapie und 37. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Erlangen, Germany.

Altmann, U., Schönherr, D., Paulick, J., Deisenhofer, A.-K., Schwartz, B., Rubel, J., Lutz, W., & Strauß, B. (2019, March 20–22). *Zusammenhänge zwischen dem Therapieoutcome bei sozialen Phobien und nonverbaler Synchronisation: Evidenz für behandlungsspezifische*

Effekte [Conference presentation]. Deutscher Kongress für Psychosomatische Medizin und Psychotherapie, Berlin, Germany.

Schönherr, D., Strauß, B., Paulick, J., Deisenhofer, A.-K., <u>Schwartz, B.</u>, Rubel, J., Lutz, W., & Altmann, U. (2019, March 20–22). *Hohe nonverbale Synchronie in kognitiver Verhaltenstherapie reduziert die Bindungsangst von Patienten mit Sozialer Angststörung* [Conference presentation]. Deutscher Kongress für Psychosomatische Medizin und Psychotherapie, Berlin, Germany.

2018

Altmann, U., Schönherr, D., Paulick, J., Deisenhofer, A.-K., <u>Schwartz, B.</u>, Rubel, J. A., Lutz, W., & Strauß, B. (2018, September 14–20). *Nonverbal synchrony during psychotherapy of patients suffering from social anxiety disorder: A comparison of cognitive-behavioral therapy and psychodynamic therapy* [Conference presentation]. 51. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Frankfurt, Germany.

<u>Schwartz, B.</u>, Paulick, J., Schönherr, D., Deisenhofer, A.-K., Rubel, J. A., Altmann, U., Strauß, B., & Lutz, W. (2018, September 14–20). *The attunement of patient and therapist, and its relation to outcome in the treatment of social phobia* [Conference presentation]. 51. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Frankfurt, Germany.

Altmann, U., Thielemann, D., Paulick, J., Deisenhofer, A.-K., <u>Schwartz., B.</u>, Rubel, J., Lutz, W., & Strauss, B. (2018, June 27–30). *Nonverbal synchrony in psychotherapy of patients suffering from social anxiety disorder: A comparison of cognitive-behavioral therapy and psychodynamic therapy* [Conference presentation]. 49th Annual International Meeting of the Society for Psychotherapy Research (SPR), Amsterdam, Netherlands.

Lutz, W., <u>Schwartz, B.</u>, Hofmann, S. G., Fisher, A. J., & Rubel, J. A. (2018, June 27–30). *Network analysis predicts treatment dropout in patients with mood and anxiety disorders* [Conference presentation]. 49th Annual International Meeting of the Society for Psychotherapy Research (SPR), Amsterdam, Netherlands.

Paulick, J., Rubel., J., Thielemann, D., Deisenhofer, A.-K., <u>Schwartz., B.</u>, Terhürne, P., Altmann, U., Strauss, B., & Lutz, W. (2018, June 27–30). *Nonverbal synchrony in social phobia: A new approach for better understanding the relations between early response and treatment outcome* [Conference presentation]. 49th Annual International Meeting of the Society for Psychotherapy Research (SPR), Amsterdam, Netherlands.

<u>Schwartz, B.</u>, Paulick, J., Thielemann, D., Deisenhofer, A.-K., Rubel, J A., Altmann, U., Strauß, B., & Lutz, W. (2018, June 27–30). *Nonverbal synchrony in social phobia: The attunement of patient and therapist* [Conference presentation]. 49th Annual International Meeting of the Society for Psychotherapy Research (SPR), Amsterdam, Netherlands.

Thielemann, D., Paulick, J., Strauss, B., Deisenhofer, A.-K., <u>Schwartz., B.</u>, Rubel, J., Lutz, W., & Altmann, U. (2018, June 27–30). *Nonverbal synchrony -- A predictor of premature termination for patients suffering from social anxiety disorder* [Conference presentation].

49th Annual International Meeting of the Society for Psychotherapy Research (SPR), Amsterdam, Netherlands.

Deisenhofer, A.-K., Delgadillo, J., Rubel, J. A., Boehnke, J. R., Zimmermann, D., Schwartz, B., & Lutz, W (2018, June 27–30). *Individual treatment selection for patients with post - traumatic stress disorders* [Conference presentation]. 49th Annual International Meeting of the Society for Psychotherapy Research (SPR), Amsterdam, Netherlands.

Bennemann, B., Schwartz, B., & Lutz, W. (2018, June 25–26). *Predictions of non-consensual dropout in psychotherapy based on machine learning algorithms applied in the R package caret* [Poster presentation]. Treatment Selection Idea Lab (TSIL) 2018, London, United Kingdom.

Lutz, W., Zimmermann, D., Deisenhofer, A.-K., Schwartz, B., Müller, V., & Rubel, J. (2018, June 7–9). *Enhancing outcome in psychotherapy: Personalized predictions and adaptive problem solving in clinical practice* [Conference presentation]. 22nd International Federation for Psychotherapy (IFP) World Congress of Psychotherapy, Amsterdam, Netherlands.

Schwartz, B., & Lutz, W. (2018, June 7–9). *Personalized predictions and clinical support tools based on big data: Development and implementation* [Conference presentation]. Big Data in Psychology 2018 Conference of the Leibniz-Zentrum für Psychologische Information und Dokumentation (ZPID), Trier, Germany.

Altmann, U., Thielemann, D., Paulick, J., Deisenhofer, A.-K., Schwartz, B., Rubel, J., Lutz, W., & Strauß, B. (2018, May 10–12). *Nonverbale Synchronisation und Therapieerfolg: Ein Vergleich von tiefenpsychologisch fundierter Therapie und Verhaltenstherapie bei sozialen Phobien* [Conference presentation]. 36. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Landau, Germany.

Deisenhofer, A.-K., Delgadillo, J., Rubel, J., Böhnke, J., Zimmermann, D., Schwartz, B., & Lutz, W. (2018, May 10–12). *Personalisierte Behandlungszuweisung im Kontext von Ausbildungsforschung* [Conference presentation]. 36. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Landau, Germany.

Paulick, J., Rubel, J. A., Thielemann, D., Deisenhofer, A.-K., Schwartz, B., Terhürne, P., Altmann, U., Strauß, B., & Lutz, W. (2018, May 10–12). *Nonverbale Synchronizität bei Patienten mit Sozialer Phobie: Ein Moderator zwischen early response und dem Therapieergebnis?* [Conference presentation]. 36. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Landau, Germany.

Schwartz, B., Paulick, J., Thielemann, D., Deisenhofer, A.-K., Rubel, J. A., Altmann, U., Strauß, B., & Lutz, W. (2018, May 10–12). *Nonverbale Synchronie bei Sozialer Phobie: Zum Attunement von Patient und Therapeut* [Conference presentation]. 36. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Landau, Germany.

Thielemann, D., Paulick, J., Strauss, B., Deisenhofer, A.-K., Schwartz, B., Rubel, J., Lutz, W., & Altmann, U. (2018, May 10–12). *Anwendung und Güte von Methoden zur automatischen Erhebung von Bewegungen und Bewegungssynchronisation zwischen Therapeut und Patient anhand von Therapie-Videos* [Conference presentation]. 36. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Landau, Germany.

Paulick, J., Thielemann, D., Schwartz, B., Rubel, J., Deisenhofer, A.-K., Altmann, U., Strauß, B., & Lutz, W. (2018, March 21–25). *Zusammenhänge zwischen nonverbaler Synchronizität und early response in der ambulanten Psychotherapie* [Conference presentation]. Deutscher Kongress für Psychosomatische Medizin und Psychotherapie, Berlin, Germany.

Schwartz, B., Paulick, J., Rubel, J., Deisenhofer, A.-K., & Lutz W. (2018, March 21–25). *Die Präsenzzeit von Patient-Therapeut-Dyaden als Prädiktor des frühen und abschließenden Therapieerfolgs* [Conference presentation]. Deutscher Kongress für Psychosomatische Medizin und Psychotherapie, Berlin, Germany.

Thielemann, D., Paulick, J., Strauß, B., Schwartz, B., Deisenhofer, A.-K., Rubel, J., Lutz, W., & Altmann, U. (2018, March 21–25). *Nonverbale Synchronisation – Ein Prädiktor für Therapieabbrüche bei Patienten mit Sozialer Phobie?* [Conference presentation]. Deutscher Kongress für Psychosomatische Medizin und Psychotherapie, Berlin, Germany.

2017

Schwartz, B., Paulick, J., Deisenhofer, A.-K., & Lutz, W. (2017, September 20–22). *Nonverbal synchrony: The change in social present over the course of psychotherapy, and its relation to outcome* [Conference presentation]. 4th Joint Conference of the UK & European Chapters of the Society for Psychotherapy Research (SPR), Oxford, United Kingdom.

Thielemann, D., Paulick, J., Rubel, J., Schwartz, B., Deisenhofer, A.-K., Lutz, W., Strauss, B., & Altmann, U. (2017, September 20–22). *Does nonverbal timing in patient-therapist interactions predict premature discontinuation in psychotherapy of patients with social anxiety disorder?* [Conference presentation]. 4th Joint Conference of the UK & European Chapters of the Society for Psychotherapy Research (SPR), Oxford, United Kingdom.

Deisenhofer, A.-K., Delgadillo, J., Rubel, R., Böhnke, J., Zimmermann, D., Schwartz, B., & Lutz, W. (2017, September 13–16). *Individual treatment selection for patients with post-traumatic stress disorders based on a personalized advantage index: Implications for clinical training* [Conference presentation]. 47th Congress of the European Association for Behavioural and Cognitive Therapies (EABCT), Ljubljana, Slovenia.

Lutz, W., Rubel, J., Zimmermann, D., Schwartz, B., & Müller, V. (2017, June 21–24). *Personalized predictions and adaptive problem solving in clinical practice* [Conference

presentation]. 48th Annual International Meeting of the Society for Psychotherapy Research (SPR), Toronto, Ontario, Canada.

Schwartz, B., Paulick, J., Deisenhofer, A.-K., Tschacher, W., & Lutz, W. (2017, June 21–24). *Nonverbal synchrony in psychotherapy: The social present of therapeutic dyads and its association with early treatment response* [Conference presentation]. 48th Annual International Meeting of the Society for Psychotherapy Research (SPR), Toronto, Ontario, Canada.

Lutz, W., Rubel, J., Zimmermann, D., Schwartz, B., & Müller, V. (2017, May 24–27). *Was bedeutet "individually tailored mental health care"? Personalisierte Vorhersagen und adaptives Problemlösen bei ungünstigen Therapieverläufen* [Conference presentation]. 10. Workshopkongress für Klinische Psychologie und Psychotherapie und 35. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Chemnitz, Germany.

2014

Schwartz, B., Dierolf, A. M., Naumann, E., & Miltner, W. H. R. (2014, June 19–21). *Hirnphysiologische Differenzierung von Hypnose und Meditation: Ein EEG Einzelfallvergleich* [Poster presentation]. 40. Jahrestagung „Psychologie und Gehirn" der Deutschen Gesellschaft für Psychophysiologie und ihre Anwendung (DGPA), Lübeck, Germany.

2013

Dierolf, A. M., Fechtner, J., Cochran, J., Arlt, L. E., Rapoport, O., Christians, B., Schwartz, B., & Naumann, E. (2013, October 2–6). *The influence of stress and cortisol on processing of provoking stimuli during an aggression paradigm: An ERP study* [Poster presentation]. 53rd Annual Meeting of the Society for Psychophysiological Research (SPR), Florence, Italy.