

## Alejandro Sandoval-Lentisco

Universidad Autónoma de Madrid  
Spain

## Curriculum Vitae, May 2025

Email: [alejandro.sandoval@um.es](mailto:alejandro.sandoval@um.es)  
Website: [sandovalentisco.github.io](https://sandovalentisco.github.io)  
ORCID: [0000-0002-7876-0101](https://orcid.org/0000-0002-7876-0101)

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## Academic positions

2025 - Present: **Postdoctoral Researcher**. Advisor: Miguel Vadillo. Universidad Autónoma de Madrid, Spain.

## Education and training

2020 - 2024: **Ph.D. Psychological Methods**. Thesis title: Transparency and risk of bias in psychological meta-analytic research: an empirical evaluation.  
Advisors: Prof. Julio Sánchez-Meca and Dr. José A. López-López. Universidad de Murcia, Spain.

2019 - 2020: **M.S. Behavioral and Cognitive Neuroscience**. Universidad de Granada, Spain.

2015 - 2019: **B.A. Psychology**. Universidad de Murcia, Spain.

## Research

- Ongoing projects:

López-Nicolás, R., Sandoval-Lentisco A., Vadillo, M., Reporting Bias Analyses in Psychological Meta-analyses: Current Practices and Robustness of the Conclusions. Preregistered protocol: <https://osf.io/8xcqr>

- Under review:

**Sandoval-Lentisco, A.**, López-Nicolás, R., López-López, J.A., & Sánchez-Meca, J. Risk of Bias in Clinical Psychology Meta-Analyses (2000-2020): An Overview. Preprint available on *PsyArXiv*. <https://doi.org/10.31234/osf.io/c5gb8>

López-Nicolás, R., van Aert, R.C.M., **Sandoval-Lentisco A.**, López-López, J.A., & Sánchez-Meca, J. Statistical power of random-effects meta-analyses on clinical psychological interventions.

- In Press:

López-López, J.A., López-Nicolás, R., **Sandoval-Lentisco, A.**, Sánchez-Meca, J., Veas-Iniesta, A. Reliability Generalization of the School Attitude Assessment Survey-Revised: A Meta-analytic Structural Equation Modelling Approach. *Journal of Psychoeducational Assessment*.  
<https://doi.org/10.1177/07342829251349255>

▪ Published articles:

- Sandoval-Lentisco, A.**, Tortajada, M., López-Nicolás, R., López-López, J. A., Wagenmakers, E. J., Sánchez-Meca, J., & Hardwicke, T. E. (2025). Preregistration of psychology meta-analyses: A cross-sectional study of prevalence and practice. *Advances in Methods and Practices in Psychological Science*, 8(1), 25152459241300113. <https://doi.org/10.1177/25152459241300113>
- Sandoval-Lentisco, A.**, López-López, J.A., Sánchez-Meca, J. (2024). Frequency of use of the revised Cochrane Risk of Bias tool (RoB 2) in Cochrane and non-Cochrane systematic reviews published in 2023 and 2024. *Research Synthesis Methods* [Letter to the editor]. <https://doi.org/10.1002/JRSM.1755>
- Sandoval-Lentisco, A.** López-Nicolás, R., Tortajada, M., López-López, J.A., Sánchez-Meca, J. (2024). Transparency in Cognitive Training Meta-analyses: A Meta-review. *Neuropsychology Review*, 1-18. <https://doi.org/10.1007/s11065-024-09638-2>
- Tortajada, M., Fahrenfort, J. J., **Sandoval-Lentisco, A.**, Martínez-Pérez, V., Palmero, L. B., Castillo, A., ... & Olivers, C. N. (2024). Decoding load or selection in visuospatial working memory?. *Psychophysiology*, e14636.
- Sandoval-Lentisco, A.** (2024). Commentary: “Responsible Research Assessment: Implementing DORA for hiring and promotion in psychology”. *Meta-Psychology*, 8. <https://doi.org/10.15626/MP.2022.3655>
- López-Nicolás, R., Lakens, D., López-López, J. A., Rubio-Aparicio, M., **Sandoval-Lentisco, A.**, López-Ibáñez, C., ... & Sánchez-Meca, J. (2024). Reproducibility of Published Meta-Analyses on Clinical-Psychological Interventions. *Advances in Methods and Practices in Psychological Science*, 7(1), 25152459231202929. <https://doi.org/10.1177/25152459231202929>
- Sandoval-Lentisco, A.**, Tortajada, M., Palmero, L.B., Campoy, G., Fuentes, L.J., & Martínez-Pérez, V., (2024) Psychometric Properties of the Spanish Clance Impostor Scale (S-CIPS). *Annals of Psychology*, 40(1), 38-43. <https://doi.org/10.6018/analesps.537361>
- Martínez-Pérez, V., **Sandoval-Lentisco, A.**, Tortajada, M., Palmero, L. B., Campoy, G., & Fuentes, L. J. (2024). Self-prioritization effect in the attentional blink paradigm: Attention-based or familiarity-based effect?. *Consciousness and Cognition*, 117, 103607. <https://doi.org/10.1016/j.concog.2023.103607>
- Martínez-Pérez, V., Andreu, A., **Sandoval-Lentisco, A.**, Tortajada, M., Palmero, L. B., Castillo, A., ... & Fuentes, L. J. (2023). Vigilance decrement and mind-wandering in sustained attention tasks: Two sides of the same coin?. *Frontiers in Neuroscience*, 17, 1122406. <https://doi.org/10.3389/fnins.2023.1122406>

**Sandoval-Lentisco, A.**, López-Nicolás, R., López-López, J.A., & Sánchez-Meca, J. (2023). Florida Obsessive-Compulsive Inventory and Children's Florida Obsessive Compulsive Inventory: A reliability generalization meta-analysis. *Journal of Clinical Psychology*, 79(1), 28-42. <https://doi.org/10.1002/jclp.23416>

▪ **Outreach/Scientific divulgation:**

**Sandoval-Lentisco, A.**, Tortajada, M., Martínez-Pérez, V., y López-Nicolás, R. (2024). Una rata generada por IA se cuela en una revista de alto impacto o, de nuevo, las limitaciones del Factor de Impacto de una revista para evaluar la calidad de la investigación científica [An AI-generated rat sneaks into a high-impact journal or, again, the limitations of the Journal Impact Factor in assessing the quality of scientific research]. *Ciencia Cognitiva*, 18:4, 14-16. <https://www.cienciacognitiva.org/?p=2402>

Martínez-Pérez, V., **Sandoval-Lentisco, A.**, Palmero, L. B., Campoy, G., Fuentes, L. J., & Tortajada, M. (2024). Desmitificando el éxito: el síndrome del impostor y por qué no es del todo malo experimentarlo [Demystifying success: impostor syndrome and why it's not all bad to experience it]. *The Conversation*. <https://theconversation.com/desmitificando-el-exito-el-sindrome-del-impostor-y-por-que-no-es-del-todo-malo-experimentarlo-224772>

## **Congresses and invited talks (selected)**

Invited talk for the editors of the journal *Psychological Bulletin* presenting the work “Preregistration of psychology meta-analyses: A cross-sectional study of prevalence and practice” (Online, 7<sup>th</sup> February 2025).

Oral communication “Prevalence of preregistration in Psychology: an empirical assessment” by Sandoval-Lentisco, A., Tortajada, M., López-López, J.A., & Sánchez-Meca, J. (SEPEX, Almería, 2024).

Oral communication “Prevalencia y prácticas de prerregistro de meta-análisis en Psicología” by Sandoval-Lentisco, A., Tortajada, M., López-Nicolás, R.L., López-López, J.A., & Sánchez-Meca, J. (AEMCCO, Sevilla, 2024).

Poster “An empirical assessment of preregistration practices and prevalence in psychology meta-analyses” by Sandoval-Lentisco, A., Hardwicke, T. E., López-Nicolás, R., Tortajada, M., López-López, J., Wagenmakers, E.J., Sánchez-Meca, J. (EAM2023 Congress, Ghent, July 2023).

Poster “Reproducibility and Data Sharing in Meta-analyses on the Effectiveness of Psychological Interventions” by López-Nicolás, R., Lakens, D., López-López, J.A., Rubio-Aparicio, M., Sandoval-Lentisco, A., López-Ibañez, C., Blázquez-Rincón, D., & Sánchez-Meca, J. (EAM2023 Congress, Ghent, July 2023).

Oral communication “Meta-análisis de generalización de la Fiabilidad de las escalas FOCl y C-FOCl” by Sandoval-Lentisco, A., López-Nicolás, R., López-López, J.A., & Sánchez-Meca, J. (AEMCCO, Teruel, 2022).

Oral communication “Reproducibilidad analítica de 217 meta-análisis sobre intervenciones clínicas en psicología” by López-Nicolás, R., Lakens, D., López-López, J.A., Rubio-Aparicio, M., Sandoval-Lentisco, A., López-Ibañez, C., Blázquez-Rincón, D., & Sánchez-Meca, J. (AEMCCO, Teruel, 2022).

Oral communication “Transparency and reporting practices of meta-analyses on the effectiveness of cognitive training programs” by Sandoval-Lentisco, A., López-Nicolás, R., Tortajada, M., López-López, J.A., Sánchez-Meca, J. (EAM2021 Congress, Valencia, July 2021).

Poster “Florida Obsessive-Compulsive Inventory and Children's Florida Obsessive Compulsive Inventory: A reliability generalization meta-analysis.” by Sandoval-Lentisco, A., López-Nicolás, R., López-López, J.A., & Sánchez-Meca, J. (EAM2021 Congress, Valencia, July 2021).

## Organizational activities

- Co-organizer of the ReproducibiliTea Journal Club at the University of Murcia (2023-Present) (Twitter/X: @ReproTeaUM).

## Teaching

- Statistical models in psychology (University of Murcia, 2021/2022 and 2022/2023)
- Data analysis in psychology (University of Murcia, 2020/2021)
- Research methods in psychology (University of Murcia, 2020/2021)

## Student supervision and Mentorship

- **Undergraduate student projects:** Raquel Martinez Olivares (2021/2022, awarded best Undergraduate Thesis Project), Carmen Hurtado Valcarcel (2023/2024).

## Awards and Grants

- **Grant for research stay at Ludwig-Maximilians-Universität (LMU)** (Supervisor: Felix Schönbrodt. Grant awarded by the Spanish Ministry of Science, Innovation and Universities, 2024).
- **Grant for research stay at University of Amsterdam** (Supervisors: Eric-Jan Wagenmakers and Tom E. Hardwicke. Grant awarded by the Spanish Ministry of Science, Innovation and Universities, 2022).
- **FPU doctoral grant** (Four-year national grant awarded by the Spanish Ministry of Science, Innovation and Universities, 2020).
- **Grant for attracting talent in undergraduate education** (University of Granada, 2019).

- **Best Undergraduate Thesis Project** (Title: Reliability generalization meta-analysis of the Florida Obsessive-Compulsive Inventory).
- **Research initiation grant** (University of Murcia, 2018/2019).

## Projects

- **Leader of the teaching innovation project “Online mini-lessons as a complement to traditional teaching”** (Implemented in the subject “Statistical models in psychology”. Awarded by the University of Murcia, 2021-2022).
- **Researcher of the project “Meta-analyses of clinical interventions: Effect size indexes for two-group pre-test post-test designs.** Grant no. PID2022-137328NB-I0. (PI: Julio Sánchez-Meca. Awarded by the State Research Agency (AEI), 2023-2026).
- **Researcher of the project “Towards a better understanding of heterogeneity in meta-analysis”.** Grant no. 22064/PI/22. (PI: José A. López-López. Awarded by the Seneca Foundation - Science and Technology Agency of the Region of Murcia, 2023-2025).
- **Researcher of the project “Meta-analysis: assessing its replicability and its role in the open science”.** Grant no. PID2019-104080GB-I00. (PI: Julio Sánchez-Meca. Awarded by the State Research Agency (AEI), 2020-2023).