Sofia Tsokani, MSc, PhD

Personal Info

Nationality: Greek
Birth Date: 20.06.1991
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Research Interests

Development of evidence synthesis methodology • Statistical models in meta-analysis and network meta-analysis, including interventions, complex interventions, diagnostic tests.

IT Programming Skills

IT/Programming Skills: R, Stata, JAGS and STAN (via R), MS Office

Languages

English (C2), French (B2), Greek (Mother)

Web Page

https://bling.me/1quqlRrOR1kI

Scopus Profile: Author ID 57207571961
ORCID: 0000-0002-6258-8861
Google Scholar: Sofia Tsokani

Education History

02.2019-03.2023: Ph.D. in Biostatistics
Department of Primary Education, University of Ioannina, Greece
Thesis: Statistical models for quantitative evidence synthesis with an emphasis on meta-analysis and network meta-analysis of diagnostic tests
Supervisor: Assoc. Prof. D. Mavridis, Prof. T. Neokleous, Prof. K. Tatsis

10.2015-12.2017: M.Sc. in Statistics and Operations Research
Department of Mathematics, University of Ioannina, Greece

10.2009-06.2015: B.Sc. in Mathematics
Department of Mathematics, University of Ioannina, Greece

Work Experience

- **02.2024 – Present: Post-doctoral Researcher**, Laboratory of Hygiene, Social & Preventive Medicine and Medical Statistics, Aristotle University of Thessaloniki, Greece
- **10.2022 – Present**: **Statistics Editor**, Methods Support Unit, Cochrane CET
- **06.2024 – Present: Research Associate**, Department of Primary Education, University of Ioannina, Greece
- **09.2023 – Present: Associate Editor,** *Clinical and Public Health Guidelines Journal*
- **04.2022 – Present**: **Research committee member**, European Association for Endoscopic Surgery.
- **12.2023-11.2024**: **Junior Methodologist**, *European Stroke Organization*
- **05.2020 –12.2022**: **Research Associate**, COMPAR-EU: Comparing effectiveness of self-management interventions in 4 high priority chronic diseases in Europe. (Horizon 2020) Department of Primary Education, University of Ioannina, Greece
- **01.2021-Present**: **Statistical Collaborator** at COH-FIT: Collaborative Outcomes study on Health and Functioning during Infection Times
- **09.2021- 01.2022**: **Visiting Research Student** (Erasmus+ grant) at Centre of Research in Epidemiology and Statistics, Sorbonne Paris Cité (CRESS-UMR1153), Université de Paris, France
- **03.2020-05.2021**: **Research Associate**, "Extending Network-Meta Analysis to Diagnostic Tests". (Co-funded by Greece and European Social Fund- ESF). Department of Primary Education, University of Ioannina, Greece
- **03.2018-04.2020**: **Research Associate**, OPERAM: Optimizing therapy to prevent avoidable hospital admissions in the multimorbid elderly. (Horizon 2020). Department of Primary Education, University of Ioannina, Greece
- **05.2015-06.2015**: **Teaching Support**, Department of Mathematics, University of Ioannina, Greece
- **07.2014-08.2014**: **Trainee**, KESYEK Ioannina

Selected Publications

- Tsokani, S. et al. Exploring the Effectiveness of Self-Management Interventions in Type 2 Diabetes: A Systematic Review and Network Meta-Analysis. Healthcare (Basel). 2023 Dec 22;12(1):27. doi: 10.3390/healthcare12010027.
- Tsokani, S. et al. Component network meta-analysis in a nutshell. BMJ Evidence Based Medicine. 2023 Jun;28(3):183-186. doi: 10.1136/bmjebm-2021-111906
- Tsokani, S. et al. Assessing the performance of diagnostic test accuracy measures. American Journal of Orthodontics and Dentofacial Orthopedics. 2022 May;161(5):748-751. doi: 10.1016/j.ajodo.2021.12.007.
- Veroniki, A.A., Tsokani, S. et al. Diagnostic test accuracy network meta-analysis methods: A scoping review and empirical assessment. Journal of Clinical Epidemiology. Journal of Clinical Epidemiology. 2022 Jun;146:86-96. doi:10.1016/j.jclinepi.2022.02.001. (Joint first authors)
- Veroniki AA, Tsokani S, Rücker G, Mavridis D, Takwoingi Y. Chapter 18: Challenges in comparative meta-analysis of the accuracy of multiple diagnostic tests. Meta-Research, In: Veroniki AA, Evangelou V, editors. Methods in Molecular Biology, Springer International Publishing, 2020. doi: 10.1007/978-1-0716-1566-9_18

The full list of publications is available on Scopus Profile Author ID 57207571961.

Selected Conferences & Presentations

- Tsokani S et al. An Empirical Assessment of Minimal Important Differences in Network Meta-Analysis. Global Evidence Summit 2024. 10-13 September 2024, Prague, Czech Republic (Oral Presentation)
- Tsokani S et al. Diagnostic test accuracy network meta-analysis methods: A scoping review and empirical assessment. 2023 Cochrane Colloquium. 4-6 September 2023. London, UK (Oral Presentation)
- Tsokani S, Richardson R, Axon E. Kanellopoulou A. "Lessons from four years of Cochrane's Methods Support Unit: what are we asked and how do we answer?". 2023 Cochrane Colloquium. 4-6 September 2023. London, UK (Workshop Oral Presentation)
- Tsokani S. Component network meta-analysis: concepts and insights. Cochrane MSU Webclinics. 21 March 2024
- Tsokani, S. et al. Exploring effectiveness of self-management interventions on quality of life on chronic diseases. COMPAR-EU Final Research Conference, October 26-27, 2022, Mallorca, Spain (Poster, Best Poster Award)