



nutrients



an Open Access Journal by MDPI

Introduction to Causal Inference Methods in Nutritional Research

Guest Editor:

Dr. Elizabeth Holliday

School of Medicine and Public Health, The University of Newcastle, Callaghan, NSW 2308, Australia

Deadline for manuscript submissions:

closed (20 October 2022)

Message from the Guest Editor

Dear Colleagues,

A common goal of nutritional research is to identify causal effects of nutritional exposures on health outcomes, and to estimate their magnitude.

Observational data pose important challenges for causal inference, with effect estimates potentially biased by confounding (measured or unmeasured), measurement error and selection bias. Various statistical and epidemiological methods support causal inference from observation data, including causal diagrams, instrumental variable analysis, propensity scores and quantitative bias analyses. However, these methods also have underlying assumptions, require specific expertise and may not successfully remove all bias.

In this Special Issue, we highlight the value of causal inference methodology in nutritional research. We welcome reviews explaining causal inference methods for a nutritional audience, research articles showcasing the use of causal inference methods in nutritional research, and commentaries.

Dr. Elizabeth Holliday

Guest Editor



mdpi.com/si/98852

Special Issue



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Food Science)

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI