

Call for papers

# Evaluation & the Health Professions

Special Issue:  
Single Subject Causal Mediation Analysis

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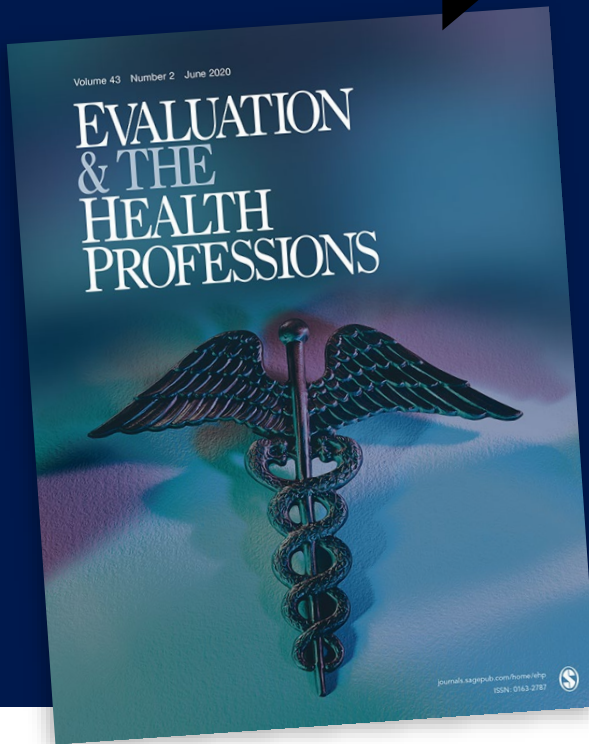
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\*Source: Journal Citation Reports (Web of Science Group, 2019)

## Description:

When studying rare health conditions, it can be difficult to collect a large enough sample for adequate power to detect effects of interest. Furthermore, mechanisms through which interventions achieve desired effects could be different for each patient, and it may be more informative to analyze data for each participant individually instead of conducting statistical analyses at the group level.

Single subject causal mediation analysis aims to answer questions about the causal mechanism through which the independent variable leads to changes in the outcome. In other words, the focus of single subject causal mediation analysis is on identifying *how* a certain outcome changed over time for a single client/patient/participant.

As of now, proposed methods for mediation analysis using data from a Single Case Experimental Design (SCED) have not been combined with the causal inference literature and are thus vulnerable to erroneous conclusions regarding causal mechanisms.

This special issue invites statistical and methodological contributions that describe new methods for causal mediation analysis using repeated measures of the mediator and outcome for a single participant. Each method should be illustrated using data from a health study.

## Author Guidelines:

To submit a paper for the special issue, upload your abstract with a tentative title and list of authors to [mc.manuscriptcentral.com/eahp](https://mc.manuscriptcentral.com/eahp) by 17h EST on September 15th, 2020. Abstracts should be a maximum of 2 pages. If you have questions about the special issue, please email the co-editors at [milica.miocevic@mcgill.ca](mailto:milica.miocevic@mcgill.ca), [mmoeyaert@albany.edu](mailto:mmoeyaert@albany.edu), and [axel.mayer@rwth-aachen.de](mailto:axel.mayer@rwth-aachen.de).

## Expected Timeline:

- Proposals (abstracts) due to guest editors by: **September 15th, 2020**
- Feedback provided to authors and full articles invited by: **December 1st, 2020**
- Full manuscripts of invited papers submission by: **April 30th, 2021**
- Feedback provided to authors by: **June 30th, 2021**
- Manuscripts resubmitted by: **August 31st, 2021**
- Feedback provided to authors by: **October 31st, 2021**
- Revised manuscripts due by: **December 15th, 2021**
- Final decisions from editors sent by: **February 1st, 2022**
- Publication of the special issue: **March 2022**

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