



Call for Papers for a Special Issue  
**Innovations and Applications of Integrative Data Analysis (IDA)  
and Related Data Harmonization Procedures in Prevention Science**

Co-Editors:

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The journal *Prevention Science* (ISSN: 1389-4986, IF: 4.056 [2020]) is soliciting letters of intent to prepare a manuscript for consideration in a forthcoming special issue entitled, ***“Innovations and Applications of Integrative Data Analysis (IDA) and Related Data Harmonization Procedures in Prevention Science.”*** This special issue is in response to the growing interest in prevention research on the use of individual-level data synthesis methodologies. These methodologies include integrative data analysis (IDA), individual participant meta-analysis (IPD), and other related efforts to harmonize and integrate multiple datasets from intervention trials of the same or similar interventions. This work builds on a series of papers appearing in the [February 2018 Supplemental Issue entitled “Who Benefits from Programs to Prevent Adolescent Depression?”](#) (Howe, Pantin, Perrino, & Brown, 2018). These papers addressed, for example, modeling cross-study variation in measurement in the estimation of commensurate scale scores across studies (IDA), intervention effect variation across populations (moderation) and/or across studies (IPD), and challenges in modeling missing data in the presence of study-level heterogeneity.

Since the publication of this prior supplemental issue, the use of IDA has increased considerably. As such, there is a need for an update on current and future directions in IDA, with careful consideration of innovations and applications of these methods to address contemporary issues and fill important research gaps in prevention science. In this special issue of *Prevention Science*, we will bring together original, creative, and rigorous empirical papers from multiple disciplines and methodologies, which focus on the opportunities and challenges associated with the application of IDA and data harmonization procedures to prevention programming and the field of prevention science more broadly. We are interested in papers that focus on different populations (e.g., children, youth, families, adults) and examples of IDA and data harmonization procedures used in diverse settings (e.g., community, school, home, workplace, primary care, clinics). Inclusion of annotated code as supplemental material is encouraged as relevant. Because original empirical

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research, methodological, review, and theoretical research studies will be necessary to advance our understanding of these procedures and their application to preventive interventions, we encourage submissions that include any of the following types of papers:

- 1) Original empirical research that examines the efficacy and/or effectiveness of prevention and intervention programs using IDA, IPD or related data harmonization procedures;
- 2) Exploration of mediators or moderators of program impacts which leverage IDA, IPD or related data harmonization procedures;
- 3) Reviews and meta-analyses that integrate key conceptual issues and advance theoretical knowledge, methods, and original research designs related to IDA, IPD or related data harmonization procedures; and
- 4) Papers focused on innovations in research methods and statistical analyses related to IDA, IPD or related data harmonization procedures and their application in prevention science.

Authors interested in contributing a manuscript for this special issue are asked to submit a letter of intent by **September 1, 2021**, which includes the following: (1) tentative title; (2) brief description of 500 words or less; (3) brief justification of how the proposed submission contributes to one or more of the aims of the special issue; and (4) author affiliations and contact information for the Corresponding Author. The guest co-editors will review the letters of intent for fit with the special issue and work to provide an inclusive set of papers that best advances theoretical and empirical knowledge regarding the innovations in and/or application of IDA in the field of prevention science. Letters of intent should be sent electronically as a PDF or word file to Antonio Morgan-López (amorganlopez@rti.org) and Roshelle Musci (rmusci1@jhu.edu) with the subject line noted as "Special Issue of Prevention Science: IDA." All letters of intent will be reviewed by September 15, 2021, and invited contributors will be asked to submit a full manuscript through the online review system by **December 1, 2021**. Manuscripts will be sent out for full peer review in accordance with the standard *Prevention Science* review guidelines.

Questions concerning letters of intent can be directed to Antonio Morgan-Lopez and/or Roshelle Musci. Manuscript formats can include original empirical submissions, systematic reviews, methodological papers, meta-analyses, brief reports etc. For additional information on the journal and author guidelines, see <http://link.springer.com/journal/11121>.

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