

Abstract

Specific Application

Primary context of relevance and focal issue(s) (e.g., public health legislation on [Issue]; school board administration [Issue])

Source for This Method

Citation for studies in which this method was developed or used

Instrument Origins

How were survey items and scales/domains developed, or where were they drawn from?

Participant Selection

Brief description of sample and sampling strategy

Administration

Format and time sampling (e.g., single or panel administration)

Analysis of Survey Technical Characteristics

Analyses to characterize technical quality of instrument

Analysis of Relationships of Survey Results to Other Variables

Variables and methods

Complementary Methods

List of other methods used to address particular focus of the study

Guidance for Using, Adapting, or Modifying This Protocol

Recommendations/instructions for how researchers should use this protocol in their own work, e.g. forking a specific component, citing publications or the OSF project itself, etc.

Author Contact

Authors can specify how and under what conditions they welcome contact by the research community. Appropriate contact information can be provided here.

Survey Design

This section is used to specify the techniques and methods of how item questions and their corresponding scales/domains were developed.

Item and Scale/Domain Generation

Processes of generating survey items and/or domains, including those using:

- Prior studies or instruments
- Interviews or focus groups
- Face and content validity
- Other methods

Survey Structure

- Scales/Domains
 - Number of scales/domains
 - Titles of scales/domains (and number of items within scales/domains)
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Participant Selection

This section is intended for the description of who was surveyed and how the survey sample was developed, including:

Sampled Population

What is the population from which participants were sampled?

Sampling Strategy

Including sampling decisions such as census, randomization, or stratification

Specific Groups/Cohorts Sampled

Name of group, defining characteristics, proportion of sample (e.g., cohorts can be defined by demographic group, institutional role, geographical location, etc.)

Recruitment Strategy

Identification, communication, follow-up, and any incentives provided to participants

Survey Administration

This section is used to describe how and when the survey was administered, including:

Administration Format

In what format (e.g., web-based, paper-based, telephone, personal interview, event sampling) was the survey administered?

Survey Length

Time (range) allotted for survey (e.g., 1 hour)

Timeframe for Data Collection

Specific time range during which survey was/can be administered; unspecified administrative window

Time Sampling of Survey

Single administration, longitudinal/panel administration, cohort administration (across time)

Coding of Responses

This section is intended for the description of how survey responses were coded, including:

- Do any responses need to be interpreted (e.g., coding of open responses)?
- Coding structure (file of coding system)
- Coding tools (e.g., NVivo, natural language processing)
- Transformation of responses to coding categories (e.g., 1, 2 = low; 3 = middle; 4, 5 = high) (could be table)
- Layout of response file (e.g., flat file in which each record is an array of individual responses)
- Other file/data structures
- Treatment of missing data (e.g., impute values, ignore, delete record)

Consideration of Survey Technical Characteristics

This section is used to describe the methods used to evaluate the technical qualities of the survey and survey administration, including dimensional structure, internal consistency analyses, validation analyses, and response rates.

Dimensional Structure

Factor Analytic Methods

- Exploratory
- Confirmatory
- Other (describe)

Internal Consistency Analyses

Validation Analyses

Response Rates

- Observed response rates
- Steps taken to evaluate representativeness of target population
- If longitudinal, what is the attrition rate?

Analysis of Survey Results

This section is used to describe analyses conducted on the survey responses, including:

- Disaggregation analyses (by gender, race, experience, institutional role)
- Correlations to external variables (e.g., social outcomes, institutional actions/outcomes)
- Survey aggregation (e.g., item level, construct/domain level, survey level)
- Analytic approaches (e.g., univariate descriptives, bivariate descriptives, correlations, regression, multi-level models)

Results & Findings

This section presents study results from the survey. If the main findings are best represented in a table or figure, authors may include them if given appropriate publisher permissions.

Summary of Findings

Description of the main findings associated with the use of this particular method

Implications for Studying URE

Description of how the results yielded by this method informed the URE questions under study

Caveats and Limitations

Description of caveats and limitations described in the study re: study findings

Discussion/Notes

This section is used to describe aspects of the method that typically are not included in research publications but may be of interest to other researchers, including:

Costs Encountered

Description of costs involved in implementing this method; costs can include financial expenditures as well as time, effort, and/or obstacles in terms of logistics, training, recruiting, etc.

Roadblocks

Description of difficulties encountered in the development and/or implementation of this method

Evolution of Protocol

Description of how the final version of this method differs from that originally intended; significant reasons for any changes

Debriefing & Participant Feedback

Describe if the study took the results of the survey and then queried individuals about their interpretation or evaluation of the interview survey responses or of the survey interview process itself

Experience of Author(s)

Description of any potentially noteworthy aspects of researchers' experience surrounding the development and implementation of this method not addressed elsewhere in this protocol

Dissemination

This section includes publications and other forms of dissemination (e.g., presentations, videos, podcasts, websites/blogs) that are available to interested users. This can include open access, publications available through research libraries, subscriptions, etc., or through request to the author. Forms of dissemination that are no longer available (e.g., some conference presentations) should not be included.

- Presented results to colleagues and funders?
- Published paper? [CITATION]
 - Technical reports
 - Peer-reviewed scholarly publications
 - Practitioner-oriented publications
- Presented to policymakers/practitioners?
 - Face-to-face presentations
 - Webinars and other virtual media
- Packaged results for self-service reuse and tutorials?
 - Video repository
 - Podcasts
 - Websites/blogs

Complementary Methods/Protocols

Many URE studies make use of mixed-methods approaches. This section references publications or other forms of dissemination that describe other methods that were used in any larger study of which the current method was a part.

- Were there particular aspects of URE in this research effort that were examined using other methods?
- What was the purpose for using particular methods in terms of:
 - Questions asked
 - Insights about URE obtained

- Are there other methods you would recommend or be interested in exploring to better understand URE in this research context?

Complementary Studies

Authors can include references to other publications from the same study that used complementary methods to address the research question.

Related Protocols

- Survey Instrument Protocol
- Parallel protocols
- Forked protocols
- Protocol from which this one was forked

Associated References

Key References

Authors can include major references (e.g., theoretical frameworks, foundational research) that guide the development of the method.

Associated Publications

If this protocol was used as part of any other research studies by the protocol authors or other researchers, please include citations you would like to share:

Software/Tools/Files

In this section, designers can include any software used as part of the method. This can include presentation tools, sampling, coding, and other analytic tools.

Structure Files

- Link to file of survey items
- Coding structure (file of coding system)
 - Layout of response file
 - Flat file in which each record is an array of individual responses
 - Other file/data structure
- Transformation of responses to coding categories (e.g., 1, 2 = low; 3 = middle; 4, 5 = high)

Software

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