

Data Description Sheet

Paper: “Use and Design of Peer Evaluations for Bonus Allocations”
by Manuel Grieder and Karl Schuhmacher

1. A description of which author(s) handled the data and conducted the analyses.

The raw data were collected by Karl Schuhmacher at Emory University and, subsequently, shared with Manuel Grieder. Both Manuel Grieder and Karl Schuhmacher conducted the data analysis.

2. A detailed description of how the raw data were obtained or generated, including data sources, the specific date(s) on which data were downloaded or obtained, and the instrument used to generate the data (e.g., for surveys or experiments). We recommend that more than one author can vouch for the stated source of the raw data.

The raw data were obtained directly from BBA student participants at Emory University. Participants were recruited via the participant pool management tool, Sona Systems, used by the Behavioral Laboratory of the Goizueta Business School (see Section 3, titled *Method*, in the manuscript).

We conducted the experiment in the premises of the Behavioral Laboratory, using LIONESS Lab (<https://lioness-lab.org>), a free ‘web-based platform for interactive online experiments,’ and the web browser Chrome. Note that LIONESS Lab requires setting up a virtual server to conduct experiments. The server was set up via the Amazon Web Services Console at Emory University and only accessible from inside the Emory University firewall.

Karl Schuhmacher coordinated with the Goizueta Behavioral Data Resource Coordinator at the time, Kathy Vo, who managed the data collection. (Kathy Vo is currently a PhD student at the Kellogg School of Management, Northwestern.) Both Kathy Vo and Karl Schuhmacher can vouch for the collection of the raw data directly from BBA students at Emory University between April 18 and 25, 2022.

The experimental instrument – available in the online appendix (see Section C) – can be downloaded at <https://www.chicagobooth.edu/jar-online-supplements>. The instrument is also available in the online repository of LIONESS Lab (<https://lioness-lab.org>), where it can be found under the title “*Use and Design of Peer Evaluations*.”

3. If the data are obtained from an organization on a proprietary basis, the authors should *privately* provide the editors with contact information for a representative of the organization who can confirm data were obtained by the authors. The editors would not

make this information publicly available. The authors should also provide information to the editors about the data sharing agreement with the organization (e.g., non-disclosure agreements, and any restrictions imposed by the organization on the authors). In particular, the authors should indicate if an organization or data provider imposes restrictions on the publication of the results, has not given the authors full control of the relevant data, requires that the results must be reviewed or approved prior to public release of the paper or publication.

Not applicable.

4. **A complete description of the steps necessary to download, obtain or collect as well as process the data used in the final analyses reported in the paper. For experimental and survey papers, we require Information about the instructions and instruments used to generate the data, subject eligibility and/or selection, as well as any exclusion criteria. The full set of instructions and instruments can be provided in the online appendix.**

Information about the instructions and instrument used to generate the data are provided in the manuscript (see Section 3, titled *Method*) and in the online appendix (see Section C, titled *Experimental Instructions*). The instrument is also available in the online repository of LIONESS Lab (<https://lioness-lab.org>) under the title “*Use and Design of Peer Evaluations.*”

The authors obtained Institutional Review Board [IRB] approval from Emory University’s IRB (see footnote 19 in Section 3, titled *Method*) to collect data from BBA student participants at Emory University. Participant eligibility and selection are described in the manuscript (see Section 3.2, titled *Participants and Procedures*). None of the participants, who took part in the experiment, were excluded from the data analysis.

The raw data are provided in the file “*RawData.dta*.” Each line captures the data for a given participant in a given round (*period*), reflecting the *decision level*, outlined in the manuscript. For each participant, there are nine lines of data:

- one line for data collected up to the end of Round 1,
- one line for data collected in each of Rounds 2 through 8, and
- one line for data collected after Round 8, including responses to post-experimental questions [PEQs].

Accordingly, the file “*RawData.dta*” contains 1,800 lines of data (= 200 participants x 9 lines per participant). Overall, the raw data consist of 82 columns, one for each raw data variable. The file “*RawDataVarDictionary.pdf*” describes these variables – ordered chronologically – in more detail.

5. **After downloading or obtaining the raw data, all manipulations of the data should be done via computer programs. The code for these manipulations should be included in the code submitted upon acceptance (see below). No manipulations of raw data can take**

place manually or outside the computer code provided. If compliance with this requirement is not feasible, the authors need to explain and disclose any manipulations of the raw data (e.g., manually created variables or file conversions). When feasible, we also encourage the authors to share the code that downloads the data.

All manipulations of the raw data ("*RawData.dta*"), used (i) to generate the variables for the data analysis and (ii) to execute the data analysis (outlined in the manuscript), are described in the do-file "*Code.do*."

6. The computer programs (i.e., code) used to (1) convert the raw data into the final dataset used in the analysis, (2) to execute the statistical or econometric analysis, and (3) to generate the tables or to produce the output used in constructing tables of the manuscript. A brief description that enables other researchers to understand and run the code should be provided. The purpose of this requirement is to facilitate replication and to help other researchers understand in detail how the raw data were processed, the final sample was formed, variables were defined, outliers were treated, and which commands were used in the analysis, etc. This code or programming is in most circumstances not proprietary. However, we recognize that some parts of the code or data generation process may be proprietary, including from the authors' perspective. Therefore, *instead of disclosing the proprietary portion of the code or program*, researchers can provide a detailed step-by-step description of the code or the relevant parts of the code such that it enables other researchers to arrive at the same results that the authors obtained and presented in their manuscript. In such cases, the authors should inform the editors *upon initial submission*, so that the editors can consider an exemption allowing the step-by-step description. Whenever feasible, authors are required to provide the identifiers (e.g., CIK, CUSIP) for their final sample. Authors should consult our FAQ Sheet on the JAR website for further details.

The raw data ("*RawData.dta*") are analyzed with STATA 18.0. The do-file "*Code.do*" outlines the code used (i) to generate, from the raw data, the variables used for the data analysis (as described in the manuscript), (ii) to execute the data analysis, including all tests reported in the manuscript (in chronological order), and (iii) to produce the output for the figures and tables in the manuscript.

We supplement the code with comments to facilitate the understanding of the commands (and the output they generate). In addition, we reference the sections, figures, tables, and footnotes to which the specific code relates.

7. A comprehensive log file that shows the execution of the *entire* code. This log file should cover all the steps that convert the raw data into a final dataset and the execution of all statistical and econometric analyses presented in the tables of the manuscript. The portion of the log file that shows proprietary code or data may be masked. In this case,

the reader should be referred to the step-by-step description provided as per the requirements in Item 6.

We provide a comprehensive log file ("*LogFile.txt*") that shows the execution of the entire code ("*Code.do*"), including all steps (i) to generate, from the raw data, the variables used for the data analysis and (ii) to replicate all statistical and econometric analyses presented in the manuscript, including the output for the figures and tables.

- 8. An assurance that the data and programs will be maintained by at least one author (usually the corresponding author) for at least six years, consistent with National Science Foundation guidelines.**

Karl Schuhmacher assures that he will maintain the data and programs for at least six years, consistent with National Science Foundation guidelines.

Attachments:

- Code for Data Analysis [*"Code.do"*]
- Comprehensive Log File [*"LogFile.txt"*]
- Raw Data [*"RawData.dta"*]
- Raw Data – Variable Dictionary [*"RawDataVarDictionary.pdf"*]