What to include in the replication package and in the README document:

|  |  |  |  |
| --- | --- | --- | --- |
| **Data** | **Item No** | **Rule** | **Alternatives** |
| General | 1 | Data are provided as part of the replication package. |  |
| Primary data | 2 | This includes unmodified original data collected through surveys or experiments. |  |
| Secondary data | 3a | Whenever usage terms permit, raw secondary data are included. |  |
| 3b | If secondary data cannot be published as part of a replication package or in an openly accessible trusted data repository, the rest of the policy still applies. |  |
| Data extracts | 4 | Data extract used for analysis (analysis data) are provided as part of the replication package. |  |
| Format | 5a | The data files are provided in any format compatible with commonly used statistical package or software. |  |
| 5b | The data files are provided in open, non-proprietary formats. |  |
| 5c | A meaningful name or description (label) is available for every variable in the provided datasets. |  |
| 5d | Codebooks or similar metadata describe the allowed values and their meaning for each variable. |  |
| 5e | It is acceptable to reference publicly available documentation for these items. |  |
| **Code** |  |  |  |
| Data transformation | 6 | Include programs used to create any final and analysis data sets from raw data. |  |
| Analysis | 7 | Include programs used to run the final models. |  |
| Format | 8a | The programs are provided in formats compatible with commonly used statistical package or software. |  |
| 8b | Should unusual or costly software be required, notify the responsible Editor. |  |
| 8c | A main script running all the code in proper order is included. |  |
| 8d | If collecting original data through surveys or experiments, include computer code for experiment or survey collection mechanisms. |  |
| **Supporting materials** |  |  |  |
| Instruments | 9a | If collecting original data through surveys or experiments, include survey instruments or experiment instructions. |  |
|  | 9b | If collecting original data through surveys or experiments, include original instructions and details on subject selection in the replication package. |  |
| Exhibits | 10 | Save all the output of the analysis in a standard, non-proprietary format into the replication package. |  |
| **Documentation** |  |  |  |
| Citation | 11a | Cite all source data used in the paper, following journal guidelines. |  |
| 11b | Cite all software packages used, following journal guidelines. |  |
| Dependencies | 12a | The replication package includes a README that contains instructions on executing code. |  |
| 12b | For econometric, simulation, and experimental papers, include description sufficient to access all data at their original source location. |  |
| 12c | Provide a data availability statement covering the source data. |  |
| 12d | The data availability statement shall provide detailed information on how, where, and under what conditions an independent researcher can access the original source data, as well as author-generated derivative data, and must be explicit and accurate about any restrictions, requirements, payments, and processing delays. |  |
| 12e | The data availability statement shall provide information to assure the reader that the data are available for a sufficiently long period of time. |  |
| 12f | List all software packages, libraries, toolboxes that you use with instructions on how to install them. |  |
| 12g | Describe the hardware and operating system on which the code was last run. |  |
| 12h | Explain if your code requires special hardware or runs for a particularly long time. |  |
| Guidance | 13a | Provide description sufficient to allow all programs to be run. |  |
| 13b | List all the data sets used with their bibliographic citation, referring to their specific file names if included. |  |
| 13c | Create a list of exhibits and state which one is produced by which script. |  |
| 13d | If a script creates multiple exhibits, point to the exact line number. |  |
| Format | 14a | The README document should list the title and authors of the replication package, its preparation date, and clear reference to the journal article to which it belongs. |  |
| 14b | Follow the schema provided by the Social Science Data Editors template README (https://social-science-data-editors.github.io/template\_README/) |  |
| 14c | Common formats are txt, PDF, and Markdown. The README file should not require proprietary software to view. |  |
| **Deposits** |  |  |  |
| Location | 15 | Data and programs are archived by the authors in the code and data repository designated by the journal. |  |