**JREE Codebook for the CSV file**

Comparing different screening tools for conducting meta-analysis - Screening Tool Comparison in Education.csv

**Name**: In this column, we listed the name of the screening tools.

**Include**: In this column, the included screening tools were coded as 1 and the excluded screening tools were coded as 0.

**Info**: In this column, we added a few sentences describing the specific screening tool. The sentences were extracted from each tool’s publication or website.

**Launching year**: In this column, we coded the estimated year when the tool was launched based on publicly available information.

**Last modification:** In this column, we coded the year when the tool was last modified or maintained.

**Developer publication:** In this column, we coded the in-text citation for the tool’s associated academic publication.

**Developer**: In this column, we coded the name of the company or the research center that developed each tool.

**Country**: In this column, we coded the country where the tool was developed.

**Title/abstract screening**: In this column, 0 means absence of the title and abstract screening feature, 1 means presence of this feature, and NA means insufficient information found.

**Full-text screening**: In this column, 0 means absence of the full-text screening feature, 1 means presence of this feature, and NA means insufficient information found.

**Platform:** In this column, we coded the platform where the tools were hosted, such as web-based and terminal-based.

**Import format:** In this column, we put in the tool’s allowed formats for file import.

**Export format:** In this column, we put in the tool’s allowed formats for file export.

**Bulk application:** In this column, we coded 1 if the tool allows researchers to import or export thousands of studies in one single action. 0 means absence of this feature.

**Machine learning:** In this column, we code the machine learning feature as 1 or 0 to differentiate whether the tools embed any text-classification machine learning algorithms.

**Deep learning:** In this column, among tools that embed machine learning algorithms, we code deep learning feature as 1 or 0 to differentiate whether the tools embed any deep neural network models.

**Teamwork?** In this column, we coded 1 if the tool has a web-based version that allow users to collaborate on the same project or review.

**Blind review:** In this column,

**Deduplication:** In this column, we coded 1 if the tool allows reviewers to remove duplicated studies automatically and 0 means the absence of this feature.

**Inter-rater reliability:** In this column, we coded 1 if the tool allows reviewers to compute inter-rater reliability automatically and 0 means the absence of this feature.

**Update:** In this column, we coded this feature as 1 if the tool retains the review materials and allows researchers to access review materials in the future for updating purposes.

**Labels:** In this column, we coded 1 if reviewers can note their reasons for making inclusion or exclusion decisions.

**Reason label:** In this column, we code the options available for reviewer’s decision, such as include, maybe, exclude.

**Accessibility:** In this column, we coded the tools’ costs to purchase the software license.

**Privacy policy:** In this column, we coded the tool’s publicly available privacy policy. Information on privacy policy is collected from software companies’ policy documents.

**Advantage:** In this column, we coded the advantages of the tools by extracting texts describing the tools in past research.

**Disadvantage:** In this column, we coded the disadvantages of the tools by extracting texts describing the tools in past research.

**Examples in Education:** In this column, we put the in-text citation of research articles in education that cite each tool. NA means that we did not find any articles in education citing the specific tool.