**README File**

This README file is related to the research data underlying the journal article entitled ‘’ What drives and inhibits researchers to share and use open research data? A systematic literature review to analyze factors influencing open research data adoption’. This README File contains the following elements:

1. Data format
2. Software needed to read the data
3. Codes and variables used
4. **What is the data format?**

The data is stored as an .xls file.

1. **Which software can be used to read the data?**

The data has been created using MS Excel and can be read using this software.

1. **Which codes and variables are used and what do they mean?**

The .xls file consists of six tabs:

* The identified articles (tab 1, yellow tab color)
* The assessment of the selected articles (tab 2, red tab color)
* The analyses of the selected articles (tabs 3-6, blue tab colors)

Tab ‘1. Identified articles (all)’ (tab color = yellow).

This tab contains all the articles we identified using the search terms as provided in the article.

* Column A shows the number of identified records.
* Column B shows the database or other means that was used to identify the record (WoS=Web of Science, Scopus or another source).
* Column C lists the full references to the identified articles.
* Column D shows whether the record was either included in or excluded from the final selection of studies for our Systematic Literature Review. For those records that were included, it shows the number they received for the analysis in our Systematic Literature Review. This number corresponds to the tables used in our manuscript. 32 studies have been included in our Systematic Literature Review.
* For those records that have been excluded from our selection, column E shows the reason for exclusion. At the bottom of the Excel sheet, you can find an overview of the different reasons that were given.

Tab ‘2. Assessed papers’ (tab color = red).

This tab provides the assessment of the 32 articles included in our Systematic Literature Review.

* Column A shows the article number, corresponding to the number that was also mentioned in Column D of tab 1. The article number also corresponds to the numbers used in our manuscript in several tables.
* In row 2 of tab 2, you can see the type of information we collected for each of the 32 studies included in our literature review, namely:
  + descriptive information (columns A-G),
  + context-related information (columns H-J),
  + information related to the analysis of the research design (columns K-O),
  + content-related information (columns P-S) and
  + factor-related information (columns T-X).

This information corresponds to Table 3 of our publication.

* Column T corresponds to Appendix S2\_Table of our publication (drivers for researchers to openly share research data).
* Column U corresponds to Appendix S3\_Table of our publication (inhibitors for researchers to openly share research data).
* Column V corresponds to Appendix S4\_Table of our publication (drivers for researchers to use open research data).
* Column W corresponds to Appendix S5\_Table of our publication (inhibitors for researchers to use open research data).

Tab ‘3. Descriptive information’ (tab color = blue).

This tab contains analyses of the descriptive information that we collected for the selected 32 articles.

Tab ‘4. Context-related information’ (tab color = blue).

This tab contains analyses of the context-related information that we collected for the selected 32 articles.

Tab ‘5. ‘Analysis of research design’ (tab color = blue).

This tab contains analyses of the research design-related information that we collected for the selected 32 articles.

Tab ‘6. Content-related information’ (tab color = blue).

This tab contains analyses of the content-related information that we collected for the selected 32 articles.