|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **File Name** | **File Type** | **Generated** | **Contains** | **Outputs** | **Structure page** |
| Figure2\_final\_longnames.pdf | Figure | Data\_viz.Rmd | Figure 2 |  |  |
| Figure4\_ES\_final.pdf | Figure | Data\_viz.Rmd | Figure 4 |  |  |
| Figure6\_timeline\_final\_strip.pdf | Figure | Data\_viz.Rmd | Figure 6 |  |  |
| rob\_plot\_v2.png | Figure | Data\_viz.Rmd | Figure 7 |  |  |
| AutoSTEED\_clean.R | R | In loco | The R file mines every pdf files retrieved and included in the review (list compiled in the file MS\_translation\_extraction.xlsx, sheet: “Interrater agreement+ Risk of B”, column B to G) to extract various information outlined in the description of the file mined\_rob.xlsx | mined\_rob.xlsx |  |
| Data\_Prep.Rmd | R | In loco | The R file pre-process the raw data collected and performs data cleaning and restructuring for the following analyses | HERMES\_INCLUDED.csv |  |
| Data\_viz.Rmd | R | In loco | The R file generates the figures published in the manuscript | hermes\_data.RData  Figure2\_final\_longnames.pdf  Figure6\_timeline\_final\_strip.pdf  Figure4\_ES\_final.png |  |
| HERMES-MS.Rproj | R | In loco | R Project containing the files |  |  |
| MS\_translation\_analysis-git | R | In loco | Meta analyses of the | All the figures contained in Meta-Analysis Forest plots |  |
| RoB\_Mining\_Validation\_Viz.Rmd | R | In loco | The R file performs the validation of the automated risk of bias assessment by comparing the manually extracted Risk of bias assessment (MS\_translation\_extraction.xlsx, sheet: “Interrater agreement+ Risk of B”) with the assessment that was automatically mined through the AutoSTEED\_clean.R (mined\_rob.xlsx) | rob\_plot\_v2.png |  |
| Druglist\_Multiple-sclerosis\_Mastersheet.xlsx | Sheet | In loco (Extraction file) | What is this? |  | 4 |
| HERMES\_INCLUDED.csv | Sheet | Data\_Prep.Rmd | Data sheet from the extracted and curated data, used for any further analysis and visualizations |  | 5 |
| mined\_rob.xlsx | Sheet | AutoSTEED\_clean.R | Results of the automated Risk of Bias extraction |  | 6 |
| MS\_translation\_extraction.xlsx | Sheet | In loco | Contains sheets:   * Extraction\_sheet: raw extraction data sheet which is processed in Data\_Prep.Rmd and not further used (please refer to the metadata regarding HERMES\_INCLUDED.csv * Drug\_CV * Interrater agreement+ Risk of B |  | * Drug\_CV (page 7) * Interrater agreement+ Risk of B (page 8) |

Internal Use Files

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| hermes\_data.RData | R | Data\_viz.Rmd | The R data file is used for internal use in the exploratory summary statistics used for manuscript writing |  |  |
| Exploratory Summary.Rmd | R | In loco | The R file is used to perform exploratory summary statistics used for manuscript writing and is compiled in the Exploratory-Summary.html |  |  |

Druglist\_Multiple-sclerosis\_Mastersheet.xlsx

HERMES\_INCLUDED.csv

mined\_rob.xlsx

MS\_translation\_extraction.xlsx – Drug\_CV

MS\_translation\_extraction.xlsx – Interrater agreement+ Risk of B