Shiny app: plot mi-hd results

This Shiny app allows you to interact with the results in the study "High-dimensional imputation for the social sciences: a comparison of state-of-the-art methods".

1. Installing the Shiny app as an R package

You can install the Shiny app by using one of the methods described below.

1.1 Install from GitHub

1. Open an R session.

2. Install `devtools`, an R package that provides a way to install other R packages directly from GitHub. Run the following R command in the console:

   ```
   install.packages("devtools")
   ```

3. Run the following command:

   ```
   devtools::install_github("https://github.com/EdoardoCostantini/mihd.results")
   ```

1.2 Install from a local folder

1. Download the package from GitHub or Zendo.

2. Unzip the package.

3. Open an R session, and install what is needed.

   First, install dependencies `nFactors` and `shinyWidgets`.

   ```
   install.packages("shinyWidgets")
   install.packages("nFactors")
   ```

   Then, install the Shiny app by running:

   ```
   install.packages(
       "path to the folder containing the package",
       repos = NULL,
       type = "source"
   )
   ```

   For example, on a Windows computer, this could be:

```
install.packages(
    "C:/Users/Name/Downloads/mihd.results-develop/",
    repos = NULL,
    type = "source"
)
```

2. Using the Shiny app

To start the shiny apps and interact with the plots, open an R session and load the package:

```
library("mihd.results")
```

Then, run the following command in the R console:

```
start_app()
```

The app interface will explain how to interact with it.