

Supplementary Material

Package: superviseNet

1. Directory Structure

The unzipped folder is organized as follows:

- **superviseNet_0.1.0.tar.gz**: The source code of the R package.
- **code_reproduction/**: Folder containing R scripts to reproduce results.
 - **00_install_package.R**: Script to install dependencies and the package itself.
 - **01_simulation_main.R**: Main script to run simulations.
 - **02_analyze_results.R**: Script to analyze results.

2. Instructions for Reproduction

Step 1: Set Working Directory

Open R or RStudio and set the path to the unzipped folder:

```
setwd("your/path/to/folder")
```

Step 2: Install Package and Dependencies

```
source("code_reproduction/00_install_package.R")
```

Step 3: Run the Simulation Study

```
source("code_reproduction/01_simulation_main.R")
```

Step 4: Analyze the Results

```
source("code_reproduction/02_analyze_results.R")
```