

Package ‘MOsemiind’

February 28, 2026

Title Marshall-Olkin Shock Models with Semi-Independent Time

Version 0.1.2

Description Provides tools for analyzing Marshall-Olkin shock models semi-independent time. It includes interactive 'shiny' applications for exploring copula-based dependence structures, along with functions for modeling and visualization. The methods are based on Mijanovic and Popovic (2024, submitted) ``An R package for Marshall-Olkin shock models with semi-independent times."''

License MIT + file LICENSE

Encoding UTF-8

RoxygenNote 7.3.2

Imports copula, graphics, pracma, shiny, stats

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

Author Andjela Mijanovic [aut, cre],
Bozidar Popovic [aut]

Maintainer Andjela Mijanovic <andjela.m@ucg.ac.me>

Repository CRAN

Date/Publication 2026-02-28 15:10:02 UTC

Contents

launch_MOsemiind_app	2
Index	3

launch_MOsemiind_app *Launch Shiny App for 'MOsemiind'*

Description

This function launches the interactive Shiny application for exploring copula-based dependence structures in Marshall-Olkin shock models.

Usage

```
launch_MOsemiind_app()
```

Value

No return value, called for side effects.

Examples

```
if (interactive()) {  
  launch_MOsemiind_app()  
}
```

Index

launch_M0semiind_app, [2](#)