

Package ‘MOsemiind’

July 21, 2025

Title Marshall-Olkin Shock Models with Semi-Independent Time

Version 0.1.0

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."

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Encoding UTF-8

RoxygenNote 7.3.2

Imports copula, graphics, pracma, shiny, stats

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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launch_MOsemiind_app	<i>Launch Shiny App for 'MOsemiind'</i>
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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()  
}
```

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