

Package: farrell (via r-universe)

September 6, 2024

Type Package

Title Interactive Interface to Data Envelopment Analysis Modeling

Version 0.2.1

Author Mohamed El Fodil Ihaddaden

Maintainer Mohamed El Fodil Ihaddaden <ihaddaden.fodeil@gmail.com>

Description Allows the user to execute interactively radial data envelopment analysis models. The user has the ability to upload a data frame, select the input/output variables, choose the technology assumption to adopt and decide whether to run an input or an output oriented model. When the model is executed a set of results are displayed which include efficiency scores, peers' determination, scale efficiencies' evaluation and slacks' calculation. For more information about the theoretical background of the package, please refer to Bogetoft & Otto (2011) <[doi:10.1007/978-1-4419-7961-2](https://doi.org/10.1007/978-1-4419-7961-2)>.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

Imports shiny, miniUI, data.table, magrittr, shinyWidgets, Benchmarking, shinycssloaders, readr, rlang, tibble, utils, dplyr, DT

RoxygenNote 7.1.1

URL <https://github.com/feddelegrand7/farrell>

BugReports <https://github.com/feddelegrand7/farrell/issues>

Suggests knitr, rmarkdown

VignetteBuilder knitr

Repository <https://feddelegrand7.r-universe.dev>

RemoteUrl <https://github.com/feddelegrand7/farrell>

RemoteRef HEAD

RemoteSha 4812b7cc7997aa409295bd206469f0c0a6bf32cf

Contents

farrell	2
Index	3

farrell	<i>farrell Data Envelopment Analysis Gadget</i>
---------	---

Description

farrell Data Envelopment Analysis Gadget

Usage

```
farrell()
```

Value

A data frame of the efficiency results including efficiency scores, peers' determination scale inefficiencies' evaluation and slacks' calculation.

Examples

```
if(interactive()){  
  farrell()  
}
```

Index

farrell, [2](#)