

# Package ‘farrell’

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**Type** Package

**Title** Interactive Interface to Data Envelopment Analysis Modeling

**Version** 0.2.1

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**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

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2020-09-26 04:20:02 UTC

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**farrell***farrell Data Envelopment Analysis Gadget*

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**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()  
}
```

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