

Package ‘fastrerandomize’

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Title fastrerandomize: R Package for Ultra Fast Re-randomization Using a JAX Backend

Version 0.1

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Description An R Package for Ultra Fast Re-randomization Using a JAX Backend

Depends R (>= 3.3.3)

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Encoding UTF-8

LazyData false

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Imports reticulate

RoxygenNote 7.2.3

R topics documented:

generate_data	1
InitializeJAX	2
InitializeJAXFxn	3
randomization_test	3

Index	5
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generate_data	<i>Generate data</i>
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Description

Generate data

Usage

generate_data()

Value

A list consiting of

- pval A p-value.

References

-

Examples

```
# For a tutorial, see
# github.com/cjerzak/fastrerandomization
```

InitializeJAX

Initialize JAX

Description

Initialize JAX

Usage

```
InitializeJax()
```

Value

A list consiting of

- pval A p-value.

References

-

Examples

```
# For a tutorial, see
# github.com/cjerzak/fastrerandomization
```

InitializeJAXFxns	<i>Initialize JAX</i>
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Description

Initialize JAX

Usage

```
InitializeJAXFxns()
```

Value

A list consiting of

-

References

-

Examples

```
# For tutorials, see
# github.com/cjerzak/fastrerandomization-software
```

randomization_test	<i>Fast randomization test</i>
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Description

Fast randomization test

Usage

```
randomization_test(X, ...)
```

Arguments

obsY	A numeric vector containing observed outcomes.
obsW	A numeric vector where 0's correspond to control units and 1's to treated units.

Value

A list consiting of

- pval A p-value.

References

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Examples

```
# For a tutorial, see  
# github.com/cjerzak/fastrerandomization
```

Index

`generate_data`, [1](#)
`InitializeJAX`, [2](#)
`InitializeJAXFxn`s, [3](#)
`randomization_test`, [3](#)