Package: appRiori (via r-universe)

September 10, 2024

Version 0.0.5

Title Code and Obtain Customized Planned Comparisons with 'appRiori'

Description With 'appRiori', users upload the research variables and
the app guides them to the best set of comparisons fitting the
hypotheses, for both main and interaction effects. Through a
graphical explanation and empirical examples on reproducible
data, it is shown that it is possible to understand both the
logic behind the planned comparisons and the way to interpret
them when a model is tested.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.0

URL https://github.com/Ugranziol/appRiori

BugReports https://github.com/Ugranziol/appRiori/issues

Imports dplyr, DT, hypr, markdown, MASS, pracma, rhandsontable, shiny,
shinythemes, sortable, stringr

Repository https://ugranziol.r-universe.dev

RemoteUrl https://github.com/ugranziol/appriori

RemoteRef HEAD

RemoteSha c30c4783ec73feb2295b750bb8c915ae8281d9f0

Contents

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appRiori   *Running appRiori*

Description

This function runs the appRiori Shiny app.

Usage

```
appRiori(...)
```

Arguments

...   Arguments passed on to shiny::runApp()

Value

No return value, called for side effects

See Also

runApp()

Examples

```
## Not run:
# Run the app with default settings
library(appRiori)
appRiori()

## End(Not run)
```

---

contrasts_summary   *Summary for hypr contrasts*

Description

Extract the estimates and the inferential tests for a contrasts defined by hypr

Usage

```
contrasts_summary(model, ...)

## Default S3 method:
contrasts_summary(model, ...)

## S3 method for class 'merMod'
contrasts_summary(model, ...)

## S3 method for class 'glmerMod'
contrasts_summary(model, ...)
```

Arguments

model	a model of class [lm](#), [glm](#) or [lmer](#).
...	additional options (not used at the moment)

Value

A results table of class hypr_contrasts_results.

Examples

```
library(MASS)
df<-MASS::anorexia
df$Treat = factor(df$Treat)
library ( hypr )
h <- hypr ( ~ 1/2 * CBT + 1/2 * FT - Cont , ~ CBT - FT , levels = c( "CBT" , "Cont" , "FT" ))
contrasts(df$Treat,how.many=2)<-cmat(h)
model = lm ( Prewt ~ Treat , data = df )
contrasts_summary ( model )
```

---

print.hypr_contrasts_results
Print for hypr contrasts

Description

Pretty print the estimates and the inferential tests for a contrasts defined by [hypr](#)

Usage

```
## S3 method for class 'hypr_contrasts_results'
print(x, ...)
```

Arguments

x   an object of class `hypr_contrasts_results`

...   additional options (not used at the moment)

Value

A results table

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