

Package ‘qgshiny’

May 9, 2026

Title A 'shiny' Application for Active Learning Instruction in
Introductory Quantitative Genetics

Version 0.1.0

Description A 'shiny' application for teaching introductory quantitative genetics
and plant breeding through interactive simulations. The application relies on
established plant breeding and quantitative genetic theory found in
Falconer and Mackay (1996, ISBN:0582243025) and Bernardo (2010, ISBN:978-0972072427).

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

Depends R (>= 3.5.0)

Imports stats, shiny, rmarkdown

NeedsCompilation no

Author Jeffrey Neyhart [aut, cre] (ORCID:
<<https://orcid.org/0000-0002-1991-5310>>)

Maintainer Jeffrey Neyhart <neyhartje@gmail.com>

Repository CRAN

Date/Publication 2020-07-02 11:20:02 UTC

Contents

run_qgshiny	2
Index	3

`run_qgshiny`*Run the application*

Description

Runs the 'shiny' application interactively.

Usage

```
run_qgshiny(display.mode = c("normal", "showcase"))
```

Arguments

`display.mode` The mode in which to display the application. If "showcase", application code is displayed along with the output. If "normal" (default), the code is hidden.

Examples

```
if (interactive()) {  
  run_qgshiny()  
}
```

Index

run_qgshiny, 2