

Package: StabilityApp (via r-universe)

November 4, 2024

Type Package

Title Stability Analysis App for GEI in Multi-Environment Trials

Version 0.2.0

Maintainer Muhammad Yaseen <myaseen208@gmail.com>

Description Provides tools for Genotype by Environment Interaction (GEI) analysis, using statistical models and visualizations to assess genotype performance across environments. It helps researchers explore interaction effects, stability, and adaptability in multi-environment trials, identifying the best-performing genotypes in different conditions. Which Win Where!

URL <https://myaseen208.com/StabilityApp/>
<https://myaseen208.shinyapps.io/StabilityApp/>
<https://CRAN.R-project.org/package=StabilityApp>

BugReports <https://github.com/myaseen208/StabilityApp/issues>

Depends R (>= 4.1)

Imports dplyr, DT, gridExtra, patchwork, stability, shiny, shinyBS, shinydashboardPlus

Suggests shinytest2, testthat (>= 3.0.0)

License GPL-3

LazyData TRUE

RoxygenNote 7.3.2

Encoding UTF-8

Note 1. School of Mathematical & Statistical Sciences, Clemson University, Clemson, South Carolina, USA 2. Department of Mathematics and Statistics, University of Agriculture Faisalabad, Pakistan

Config/testthat/edition 3

Config/pak/sysreqs cmake make libicu-dev zlib1g-dev

Repository <https://myaseen208.r-universe.dev>

RemoteUrl <https://github.com/myaseen208/stabilityapp>

RemoteRef HEAD

RemoteSha 34fba90ee8f59fb8a5fec4f6b288af2609326479

Contents

StabilityApp	2
Index	3

StabilityApp	<i>StabilityApp</i>
--------------	---------------------

Description

StabilityApp

Value

output of [stability](#) R package

Examples

```
if(interactive()) {
  library(StabilityApp)
  StabilityApp()
}
```

Index

stability, [2](#)
StabilityApp, [2](#)