betaDelta: Confidence Intervals for Standardized Regression

Coefficients

Ivan Jacob Agaloos Pesigan

Description

Generates confidence intervals for standardized regression coefficients using delta method standard errors for models fitted by lm() as described in Yuan and Chan (2011) and Jones and Waller (2013). The package can also be used to generate confidence intervals for differences of standardized regression coefficients and as a general approach to performing the delta method. A description of the package and code examples are presented in Pesigan et al. (2023).

Installation

You can install the CRAN release of betaDelta with:

```
install.packages("betaDelta")
```

You can install the development version of betaDelta from GitHub with:

```
if (!require("remotes")) install.packages("remotes")
remotes::install_github("jeksterslab/betaDelta")
```

More Information

See GitHub Pages for package documentation.

References

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- Pesigan, I. J. A., Sun, R. W., & Cheung, S. F. (2023). betaDelta and betaSandwich: Confidence intervals for standardized regression coefficients in R. Multivariate Behavioral Research, 58(6), 1183–1186. https://doi.org/10.1080/00273171.2023.2201277
- R Core Team. (2024). R: A language and environment for statistical computing. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/
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