betaNB: Monte Carlo Confidence Intervals for Standardized Regression Coefficients

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Description

Generates Monte Carlo confidence intervals for standardized regression coefficients and other effect sizes for models fitted by `lm()`. `betaNB` combines ideas from Monte Carlo confidence intervals for the indirect effect (Preacher & Selig, 2012) and the sampling covariance matrix of regression coefficients (Dudgeon, 2017) to generate confidence intervals for standardized regression coefficients.

Installation

You can install the released version of `betaNB` from GitHub with:

```
install.packages("remotes")
remotes::install_github("jeksterslab/betaNB")
```

More Information

See GitHub Pages for package documentation.

References

Dudgeon, P. (2017). Some improvements in confidence intervals for standardized regression coefficients. *Psychometrika*, *82*(4), 928–951. https://doi.org/10.1007/s11336-017-9563-z

Preacher, K. J., & Selig, J. P. (2012). Advantages of Monte Carlo confidence intervals for indirect effects. *Communication Methods and Measures*, *6*(2), 77–98. https://doi.org/10.1080/19312458.2012.679848

R Core Team. (2022). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/