

# longMI: Internal Tests

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## Tests

```
#> test
#>      chisq df pvalue    cfi    tli  rmsea  srmr      aic      bic
#> configural 25.9682 19 0.1311 0.9915 0.9875 0.0424 0.0306 11252.23 11335.18
#> weak      41.8973 22 0.0064 0.9757 0.9691 0.0666 0.0763 11262.16 11335.16
#> strong    53.7228 25 0.0007 0.9650 0.9608 0.0750 0.0872 11267.98 11331.03
#> strict    134.5591 29 0.0000 0.8712 0.8757 0.1336 0.1690 11340.82 11390.59
#>      chisq df pvalue    cfi    tli  rmsea  srmr      aic      bic
#> configural 25.9682 19 0.1311 0.9915 0.9875 0.0424 0.0306 11252.23 11335.18
#> weak      41.8973 22 0.0064 0.9757 0.9691 0.0666 0.0720 11262.16 11335.16
#> strong    53.7228 25 0.0007 0.9650 0.9608 0.0750 0.0859 11267.98 11331.03
#> strict    134.5591 29 0.0000 0.8712 0.8757 0.1336 0.1328 11340.82 11390.59
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> [[1]]
#> [[1]][[1]]
#> [[1]][[1]]$value
#> [[1]][[1]]$value[[1]]
#> lavaan 0.6.16 ended normally after 90 iterations
#>
#> Estimator ML
#> Optimization method NLMINB
#> Number of model parameters 31
#> Number of equality constraints 12
#>
#> Number of observations 204
#> Number of missing patterns 1
#>
#> Model Test User Model:
#>
#> Test statistic 133.220
```

```
#> Degrees of freedom                25
#> P-value (Chi-square)              0.000
#>
#>
#> [[1]] [[1]]$visible
#> [1] TRUE
```

## Environment

```
ls()  
#> [1] "osbornesudick1972" "root"          "tex_file"
```

## Class

```
#> [[1]]  
#> [1] "data.frame"  
#>  
#> [[2]]  
#> [1] "root_criterion"  
#>  
#> [[3]]  
#> [1] "character"
```

## References

- 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*, 1–4. <https://doi.org/10.1080/00273171.2023.2201277>
- R Core Team. (2023). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>