

betaSandwich: Internal Tests

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Tests

```
#> test-betaSandwich-beta-hc
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed

#> test-betaSandwich-beta-mvn

#> Test passed
#> Test passed

#> test-betaSandwich-methods

#> Call:
#> BetaHC(object = object)
#>
#> Standardized regression slopes with HC3 standard errors:
#>      est      se      t      p    0.05%    0.5%    2.5%  97.5%
#> complaints  0.67073 0.1560  4.2983 0.0002677  0.08281  0.2327  0.34792 0.9935
#> privileges -0.07343 0.1594 -0.4608 0.6493035 -0.67385 -0.5208 -0.40310 0.2562
#> learning    0.30887 0.1954  1.5806 0.1276145 -0.42735 -0.2397 -0.09536 0.7131
#> raises      0.06981 0.1843  0.3787 0.7083821 -0.62473 -0.4477 -0.31153 0.4512
#> critical    0.03120 0.1772  0.1761 0.8617538 -0.63630 -0.4662 -0.33530 0.3977
#> advance     -0.18346 0.1802 -1.0183 0.3191381 -0.86228 -0.6893 -0.55618 0.1892
#>      99.5% 99.95%
#> complaints  1.1088 1.2586
#> privileges  0.3740 0.5270
#> learning    0.8574 1.0451
#> raises      0.5873 0.7644
#> critical    0.5286 0.6987
#> advance     0.3223 0.4954
```

```

#> Call:
#> BetaHC(object = object)
#>
#> Standardized regression slopes with HC3 standard errors:
#> Call:
#> BetaN(object = object)
#>
#> Standardized regression slopes with MVN standard errors:
#>
#>      est      se      t      p  0.05%   0.5%   2.5%  97.5%
#> complaints 0.67073 0.1433  4.6810 0.0001031 0.1309 0.26847 0.37431 0.96714
#> privileges -0.07343 0.1197 -0.6136 0.5455017 -0.5243 -0.40937 -0.32098 0.17412
#> learning    0.30887 0.1431  2.1580 0.0416048 -0.2304 -0.09293 0.01279 0.60495
#> raises      0.06981 0.1657  0.4213 0.6774348 -0.5545 -0.39536 -0.27296 0.41259
#> critical    0.03120 0.1047  0.2980 0.7683711 -0.3632 -0.26271 -0.18538 0.24778
#> advance     -0.18346 0.1338 -1.3717 0.1834027 -0.6874 -0.55896 -0.46015 0.09323
#>
#>      99.5% 99.95%
#> complaints 1.0730 1.2106
#> privileges 0.2625 0.3774
#> learning    0.7107 0.8481
#> raises      0.5350 0.6941
#> critical    0.3251 0.4256
#> advance     0.1920 0.3205
#> Call:
#> BetaN(object = object)
#>
#> Standardized regression slopes with MVN standard errors:
#> Call:
#> BetaHC(object = object)
#>
#> Standardized regression slopes with HC3 standard errors:
#>
#>      est      se      t      p  0.05%   0.5%   2.5% 97.5% 99.5%
#> complaints 0.8254 0.05055 16.33 7.662e-16 0.6397 0.6857 0.7219 0.929 0.9651
#>
#>      99.95%
#> complaints 1.011
#> Call:
#> BetaHC(object = object)
#>
#> Standardized regression slopes with HC3 standard errors:
#> Call:
#> BetaN(object = object)
#>
#> Standardized regression slopes with MVN standard errors:
#>
#>      est      se      t      p  0.05%   0.5%   2.5% 97.5% 99.5%
#> complaints 0.8254 0.05818 14.19 2.61e-14 0.6117 0.6646 0.7062 0.9446 0.9862
#>
#>      99.95%
#> complaints 1.039

```

```

#> Call:
#> BetaN(object = object)
#>
#> Standardized regression slopes with MVN standard errors:
#> [[1]]
#> [[1]] [[1]]
#> [[1]] [[1]]$value
#> [[1]] [[1]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]] [[1]]$visible
#> [1] TRUE
#>
#>
#> [[1]] [[2]]
#> [[1]] [[2]]$value
#> [[1]] [[2]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]] [[2]]$visible
#> [1] TRUE
#>
#>
#> [[1]] [[3]]
#> [[1]] [[3]]$value
#> [[1]] [[3]]$value[[1]]
#>      2.5%      97.5%
#> 0.7062334 0.9446017
#>
#>
#> [[1]] [[3]]$visible
#> [1] TRUE

```

Environment

```
ls()
```

```
#> [1] "i"      "root"   "tex_file"
```

Class

```
#> [[1]]  
#> [1] "character"  
#>  
#> [[2]]  
#> [1] "root_criterion"  
#>  
#> [[3]]  
#> [1] "character"
```

References

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