

# betaMC: External Tests

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## Tests

```
#> test-external-betaMC-beta-mc-adf  
#> Standardized Monte Carlo Confidence Intervals  
#> Test passed  
#> Test passed  
#> Test passed  
#> Test passed  
  
#> test-external-betaMC-beta-mc-mlm  
#> Standardized Monte Carlo Confidence Intervals  
#> Test passed  
#> Test passed  
#> Test passed  
#> Test passed  
  
#> test-external-betaMC-beta-mc-mvn  
#> Standardized Monte Carlo Confidence Intervals  
#> Test passed  
#> Test passed  
#> Test passed  
#> Test passed  
  
#> test-external-betaMC-diff-adf  
#> Standardized Monte Carlo Confidence Intervals  
#> Test passed  
#> Test passed  
#> Test passed  
#> Test passed  
  
#> test-external-betaMC-diff-mlm  
#> Standardized Monte Carlo Confidence Intervals  
#> Test passed  
#> Test passed  
#> Test passed  
#> Test passed
```

```

#> test-external-betaMC-diff-mvn

#> Standardized Monte Carlo Confidence Intervals
#> Test passed
#> Test passed
#> Test passed
#> Test passed

#> test-external-betaMC-r-sq-adj

#> Standardized Monte Carlo Confidence Intervals
#> Test passed
#> Test passed
#> Test passed
#> Test passed

#> test-external-betaMC-r-sq-mlm

#> Standardized Monte Carlo Confidence Intervals
#> Test passed
#> Test passed
#> Test passed
#> Test passed

#> test-external-betaMC-r-sq-mvn

#> Standardized Monte Carlo Confidence Intervals
#> Test passed
#> Test passed
#> Test passed
#> Test passed

#> test-external-betaMC-vcov

#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> Test passed
#> [[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]]
#> [1] TRUE
#>
#>
#> [[1]][[3]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[4]]
#> [[1]][[4]]$value
#> [[1]][[4]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[4]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[5]]
#> [[1]][[5]]$value
#> [[1]][[5]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[5]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[6]]

```

```

#> [[1]][[6]]$value
#> [[1]][[6]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[6]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[7]]
#> [[1]][[7]]$value
#> [[1]][[7]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[7]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[8]]
#> [[1]][[8]]$value
#> [[1]][[8]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[8]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[9]]
#> [[1]][[9]]$value
#> [[1]][[9]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[9]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[10]]
#> [[1]][[10]]$value
#> [[1]][[10]]$value[[1]]
#> Call:
#> BetaMC(object = object, decomposition = "svd")
#>

```

```

#> Standardized regression slopes
#> type = "hc3"
#>      est      se      R 0.05%   0.5%   2.5%  97.5%  99.5% 99.95%
#> x1 0.5013 0.0021 20000 0.4942 0.4958 0.4972 0.5055 0.5068 0.5084
#> x2 0.4982 0.0021 20000 0.4915 0.4928 0.4941 0.5023 0.5037 0.5052
#>
#>
#> [[1]][[10]]$visible
#> [1] TRUE

```

## Environment

```
ls()  
#> [1] "nas1982" "root"      "tex_file"
```

## Class

```
#> [[1]]  
#> [1] "data.frame"  
#>  
#> [[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/>