

# Simulation Parameters

Ivan Jacob Agaloos Pesigan

```
head(params)

#>   taskid  tauprime      beta alpha  n sigmasqepsilonm sigmasqepsilony alphabeta
#> 1      1 0.0000000 0.0000000      0 50              1      1.0000000          0
#> 2      2 0.1414214 0.0000000      0 50              1      0.9800000          0
#> 3      3 0.3605551 0.0000000      0 50              1      0.8700000          0
#> 4      4 0.5099020 0.0000000      0 50              1      0.7400000          0
#> 5      5 0.0000000 0.3760603      0 50              1      0.8585786          0
#> 6      6 0.1414214 0.3760603      0 50              1      0.8385786          0
```

## 1 Effect and Sample Sizes

$\tau'$

```
#> [1] 0.0000000 0.1414214 0.3605551 0.5099020
```

$\beta$

```
#> [1] 0.0000000 0.3760603 0.6004624 0.7140742
```

$\alpha$

```
#> [1] 0.0000000 0.3760603 0.6004624 0.7140742
```

$\alpha\beta$

```
#> [1] 0.0000000 0.1414214 0.2258101 0.2685350 0.3605551 0.4287747 0.5099020
```

$n$

```
#> [1] 50 75 100 150 200 250 500 1000
```

## 2 Missing Data Mechanism

```
#> [1] COMPLETE MAR MCAR
```

```
#> Levels: COMPLETE MAR MCAR
```

## 3 Proportion of Missing Cases

```
#> [1] 0.0 0.1 0.2 0.3
```

## 4 Methods

```
#> [1] MC.COMPLETE MC.FIML MC.MI MC.MI.ADJ NBBC.COMPLETE
#> [6] NBBC.FIML NBPC.COMPLETE NBPC.FIML SIG.COMPLETE SIG.FIML
#> [11] SIG.MI SIG.MI.ADJ
#> 12 Levels: MC.COMPLETE MC.FIML MC.MI MC.MI.ADJ NBBC.COMPLETE ... SIG.MI.ADJ
```

See `params()` and `results()` documentation for more information.

## 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/>