

# Package: multiDoE (via r-universe)

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**Type** Package

**Title** Multi-criteria Design of Experiments for optimal design

**Version** 0.9.0

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**Description** Multi-criteria design of experiments algorithm that simultaneously optimizes up to six different criteria (I, Id, D, Ds, A and As). The algorithm finds the optimal Pareto front and, if requested, selects a possible symmetrical design on it. The symmetrical design is selected based on two techniques: minimum distance with the Utopia point or the TOPSIS approach.

**License** file LICENSE

**URL** <https://github.com/andreamelloncelli/multiDoE>

**Imports** ggplot2, magrittr, plotly, pracma

**Suggests** devtools, here, knitr, logr, markdown, rgl, rmarkdown, testthat (>= 3.0.0), usethis

**VignetteBuilder** knitr

**Config/testthat/edition** 3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.3.1

**Repository** <https://andreamelloncelli.r-universe.dev>

**RemoteUrl** <https://github.com/andreamelloncelli/multidoe>

**RemoteRef** HEAD

**RemoteSha** f87ae81cae26610bb5c720cb76eb93f031a7c42a