

README file for: A stochastically curtailed two-arm randomised phase II trial design for binary outcomes

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The supplementary material consists of six files, detailed below. All files and code can be found online at <https://github.com/martinlaw/twoarmSC>. **NOTE: These files exist solely for the reproduction of the results in this paper; a complete R package is available at <https://github.com/martinlaw/SCtwoarm> and can be installed in R using the command `devtools::install_github("martinlaw/SCtwoarm")`.**

- `examples.R`: Examples of how to find stochastically curtailed designs. Uses functions from the file `1-reproduce-results-functions-find-designs.R`.
- `1-reproduce-results-functions-find-designs.R`: Functions that can be used to find the designs used in the manuscript, and by any user to find stochastically curtailed designs.
- `2-reproduce-results-find-designs.R`: This code finds the designs used in the manuscript. Depending on computing power, this may take days. As an alternative, one may simply load the file `data.RData`. An alternative is to decrease the value of *max.combns* from $1e6$ to $1e5$ or even $1e4$, though this may result in poorer designs.
- `data.RData`: A file containing the results of `2-reproduce-results-find-designs.R`.
- `3-reproduce-results-functions-for-tables-plots.R`: Functions used to create the tables and plots in the manuscript.
- `4-reproduce-results-tables-plots.R`: This code creates the tables and plots found in the manuscript.