

# Package: simExam (via r-universe)

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**Type** Package

**Title** Generate Simulated Data for IRT-Enabled Exams

**Version** 1.0.0

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**Description** Generates binary test data based on Item Response Theory using the two-parameter logistic model (Lord, 1980 <doi:10.4324/9780203056615>). Useful functions for test equating are included, e.g. functions for generating internal and external common items between test forms and a function to create a linkage plans between those forms. Ancillary functions for generating true item and person parameters as well as for calculating the probability of a person correctly answering an item are also included.

**Imports** stats, Matrix, msm

**BugReports** <https://github.com/wleoncio/simExam/issues>

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

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

**RemoteUrl** <https://github.com/wleoncio/simexam>

**RemoteRef** HEAD

**RemoteSha** 25a0f9e81bfbb4b07af567329e28763cbd5112a9