

# Package: lintools (via r-universe)

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**License** GPL-3

**Title** Manipulation of Linear Systems of (in)Equalities

**Type** Package

**LazyLoad** yes

**Description** Variable elimination (Gaussian elimination, Fourier-Motzkin elimination), Moore-Penrose pseudoinverse, reduction to reduced row echelon form, value substitution, projecting a vector on the convex polytope described by a system of (in)equations, simplify systems by removing spurious columns and rows and collapse implied equalities, test if a matrix is totally unimodular, compute variable ranges implied by linear (in)equalities.

**Version** 0.1.7.1

**URL** <https://github.com/data-cleaning/lintools>

**BugReports** <https://github.com/data-cleaning/lintools/issues>

**Imports** utils

**Suggests** tinytest, knitr, rmarkdown

**VignetteBuilder** knitr

**RoxygenNote** 7.2.3

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

**RemoteUrl** <https://github.com/data-cleaning/lintools>

**RemoteRef** HEAD

**RemoteSha** edbbf21ebc9934405cd7921d8fd856fc6afc3a77