

AccSamplingDesign: Acceptance Sampling Plans Design

Provides tools for designing and analyzing Acceptance Sampling plans. Supports both Attributes Sampling (Binomial and Poisson distributions) and Variables Sampling (Normal and Beta distributions), enabling quality control for fractional and compositional data. Uses nonlinear programming for sampling plan optimization, minimizing sample size while controlling producer's and consumer's risks. Operating Characteristic curves are available for plan visualization.

Version: 0.0.3
Imports: stats, methods
Suggests: [knitr](#), [rmarkdown](#)
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BugReports: <https://github.com/vietha/AccSamplingDesign/issues>
License: [GPL-3](#)
URL: <https://github.com/vietha/AccSamplingDesign>
NeedsCompilation: no
Materials: [README](#)
CRAN checks: [AccSamplingDesign results](#)

Documentation:

Reference manual: [AccSamplingDesign.pdf](#)
Vignettes: [AccSamplingDesign: Acceptance Sampling Plan Design - R Package](#) ([source](#), [R code](#))

Downloads:

Package source: [AccSamplingDesign_0.0.3.tar.gz](#)
Windows binaries: r-devel: [AccSamplingDesign_0.0.3.zip](#), r-release: [AccSamplingDesign_0.0.3.zip](#), r-oldrel: [AccSamplingDesign_0.0.3.zip](#)
macOS binaries: r-release (arm64): [AccSamplingDesign_0.0.3.tgz](#), r-oldrel (arm64): [AccSamplingDesign_0.0.3.tgz](#), r-release (x86_64): [AccSamplingDesign_0.0.3.tgz](#), r-oldrel (x86_64): [AccSamplingDesign_0.0.3.tgz](#)
Old sources: [AccSamplingDesign archive](#)

Linking:

Please use the canonical form <https://CRAN.R-project.org/package=AccSamplingDesign> to link to this page.