

# Package ‘rgen’

July 23, 2025

**Title** Random Sampling Distribution C++ Routines for Armadillo  
**Version** 0.0.1  
**Description** Provides popular sampling distributions C++ routines based in armadillo through a header file approach.  
**Depends** R (>= 3.3.0)  
**License** GPL (>= 2)  
**Encoding** UTF-8  
**LazyData** true  
**RoxygenNote** 6.0.1  
**Suggests** knitr, rmarkdown  
**VignetteBuilder** knitr  
**NeedsCompilation** no  
**Author** James Balamuta [aut, cre],  
Steven Culpepper [ctb]  
**Maintainer** James Balamuta <balamut2@illinois.edu>  
**Repository** CRAN  
**Date/Publication** 2017-10-29 16:47:08 UTC

## Contents

rgen-package . . . . .	2
<b>Index</b>	<b>3</b>

---

rgen-package

*This package provides header-only sampling routines.*

---

**Description**

This package provides header-only sampling routines.

**Author(s)**

**Maintainer:** James Balamuta <balamut2@illinois.edu>

Other contributors:

- Steven Culpepper <sculpepp@illinois.edu> [contributor]

# Index

rgen (rgen-package), [2](#)  
rgen-package, [2](#)