

Resource Summary Report

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proc

RRID:SCR_024286

Type: Tool

Proper Citation

proc (RRID:SCR_024286)

Resource Information

URL: <https://cran.r-project.org/package=pROC>

Proper Citation: proc (RRID:SCR_024286)

Description: Software R tools for visualizing, smoothing and comparing receiver operating characteristic. Partial area under curve AUC can be compared with statistical tests based on U-statistics or bootstrap. Confidence intervals can be computed for (p)AUC or ROC curves.

Resource Type: software toolkit, software resource

Keywords: visualizing, smoothing and comparing receiver operating characteristic,

Availability: Free, Available for download, Freely available,

Resource Name: proc

Resource ID: SCR_024286

Alternate IDs: OMICS_17528

Alternate URLs: <https://sources.debian.org/src/r-cran-proc/>

License: GPL (? 3)

Record Creation Time: 20230830T050217+0000

Record Last Update: 20260729T044608+0000

Ratings and Alerts

No rating or validation information has been found for proc.

No alerts have been found for proc.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Chang LJ, et al. (2026) Assessment of Circulating Tumor DNA for Early Detection of Hepatocellular Carcinoma in Alpha-Fetoprotein-Negative Patients With Cirrhotic Nodules. JGH open : an open access journal of gastroenterology and hepatology, 10(1), e70331.

Lakbir S, et al. (2025) Tumor break load quantitates structural variant-associated genomic instability with biological and clinical relevance across cancers. NPJ precision oncology, 9(1), 140.

Hu J, et al. (2025) Analyses of the roles and potential targets of m7G-related genes in colorectal cancer using single-cell and bulk RNA sequencing data. PloS one, 20(12), e0337288.

Sun M, et al. (2025) Elevated SGO2 expression in lung adenocarcinoma promotes migration and invasion via MAD2 and correlates with poor prognosis. Scientific reports, 15(1), 25642.

Hu Q, et al. (2025) Circulating tumor DNA monitoring detects minimal residual disease and predicts outcomes in patients with esophageal adenocarcinoma or squamous cell carcinoma after esophagectomy. BJC reports, 3(1), 52.

Zeng ZY, et al. (2025) Anti-RPL30 as a novel biomarker for enhanced diagnosis of autoantibody-negative primary biliary cholangitis. World journal of gastroenterology, 31(20), 104891.

Mao Y, et al. (2025) Assessments of lung nodules by an artificial intelligence chatbot using longitudinal CT images. Cell reports. Medicine, 6(3), 101988.

Lu Y, et al. (2025) Intrahepatic Microbial Heterogeneity in Multifocal Hepatocellular Carcinoma and Its Association with Host Genomic and Transcriptomic Alterations. Cancer discovery, 15(8), 1630.

Yu H, et al. (2025) Exploring the biomarkers for diagnostic accuracy associated with glycolysis and macrophage polarization in pediatric sepsis and performing mechanistic studies. Medicine, 104(47), e46074.

de Bruijn BGC, et al. (2025) Effects of virtual fencing on behavior, cortisol concentrations, feed intake, and milk yield of lactating dairy cows in different grazing systems. Journal of animal science, 103.

Geng S, et al. (2025) A Cost-Effective Two-Step Approach for Multi-Cancer Early Detection in High-Risk Populations. Cancer research communications, 5(1), 150.

Ye F, et al. (2025) Characteristics and filtering of low-frequency artificial short deletion variations based on nanopore sequencing. *GigaScience*, 14.

Amat JAR, et al. (2025) Nasal biomarker testing to rule out viral respiratory infection and triage samples: a test performance study. *EBioMedicine*, 117, 105820.

Ali M, et al. (2025) Multi-cohort cerebrospinal fluid proteomics identifies robust molecular signatures across the Alzheimer disease continuum. *Neuron*, 113(9), 1363.

Zhang S, et al. (2025) Immunosequencing identifies signatures of T cell responses for early detection of nasopharyngeal carcinoma. *Cancer cell*, 43(8), 1423.

Wei B, et al. (2025) An effective and affordable blood test for lung cancer early detection using four protein markers and artificial intelligence. *Translational lung cancer research*, 14(9), 3444.

Lee KS, et al. (2025) Functional assessment of all ATM SNVs using prime editing and deep learning. *Cell*, 188(18), 5081.

Wu Z, et al. (2024) Phenotype prediction in plants is improved by integrating large-scale transcriptomic datasets. *NAR genomics and bioinformatics*, 6(4), lqae184.

Huang X, et al. (2024) Evaluation of multiple breast cancer polygenic risk score panels in women of Latin American heritage. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research*, cosponsored by the American Society of Preventive Oncology.

Engquist EN, et al. (2024) Transcriptomic gene signatures measure satellite cell activity in muscular dystrophies. *iScience*, 27(6), 109947.