

Resource Summary Report

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survival

RRID:SCR_021137

Type: Tool

Proper Citation

survival (RRID:SCR_021137)

Resource Information

URL: <https://CRAN.R-project.org/package=survival>

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Description: Software R package contains core survival analysis routines, including definition of Surv objects, Kaplan-Meier and Aalen-Johansen (multi-state) curves, Cox models, and parametric accelerated failure time models.

Resource Type: software toolkit, software resource

Keywords: Survival analysis routines, Surv objects, Kaplan-Meier curve, Aalen-Johansen curve, Cox models, parametric accelerated failure time models

Availability: Free, Available to download, Freely available

Resource Name: survival

Resource ID: SCR_021137

Alternate URLs: <https://github.com/therneau/survival>

License: LGPL-3

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260803T040811+0000

Ratings and Alerts

No rating or validation information has been found for survival.

No alerts have been found for survival.

Data and Source Information

Usage and Citation Metrics

We found 381 mentions in open access literature.

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

Zhang H, et al. (2026) Multi-Omic Profiling of T Cell-Mediated Rejection After Kidney Transplantation Reveals B Cell Receptor Repertoire Expansion and Its Prognostic Relevance. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(1), e71407.

Lemke JR, et al. (2026) GRIN2A null variants confer a high risk for early-onset schizophrenia and other mental disorders and potentially enable precision therapy. Molecular psychiatry, 31(1), 374.

Lin J, et al. (2026) Enhancing cancer susceptibility to disulfidptosis by inducing cell cycle arrest and impairing DNA repair. Theranostics, 16(2), 637.

Chen K, et al. (2026) Liquid?liquid phase separation of PHLDB2 promotes oral squamous cell carcinoma metastasis through regulating epithelial mesenchymal transition and PIK3CA expression. Molecular medicine reports, 33(1).

Cao Z, et al. (2026) Study on the mechanism of PSENEN in modulating cisplatin resistance in NSCLC through stromal cell interactions. International immunopharmacology, 169, 116037.

Forss A, et al. (2025) Diverticular disease and risk of incident major adverse cardiovascular events: a nationwide matched cohort study. European heart journal. Quality of care & clinical outcomes, 11(4), 415.

Wurm S, et al. (2025) Acute myeloid leukemia in the next-generation sequencing era : Real-world data from an Austrian tertiary cancer care center. Wiener klinische Wochenschrift, 137(15-16), 504.

Michel M, et al. (2025) Noninvasive Multicancer Detection Using DNA Hypomethylation of LINE-1 Retrotransposons. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(7), 1275.

Tedeschi A, et al. (2025) Pan-KRAS Inhibitors BI-2493 and BI-2865 Display Potent Antitumor Activity in Tumors with KRAS Wild-type Allele Amplification. Molecular cancer therapeutics, 24(4), 550.

Bökenkamp JE, et al. (2025) Proteogenomic analysis reveals adaptive strategies for alleviating the consequences of aneuploidy in cancer. The EMBO journal, 44(6), 1829.

Negrao MV, et al. (2025) Impact of Co-mutations and Transcriptional Signatures in Non-Small Cell Lung Cancer Patients Treated with Adagrasib in the KRYSTAL-1 Trial. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(6), 1069.

Egea-Rodriguez S, et al. (2025) RECQL4 affects MHC class II-mediated signalling and favours an immune-evasive signature that limits response to immune checkpoint inhibitor therapy in patients with malignant melanoma. *Clinical and translational medicine*, 15(1), e70094.

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.

Gozdecka M, et al. (2025) Mitochondrial metabolism sustains DNMT3A-R882-mutant clonal haematopoiesis. *Nature*, 642(8067), 431.

Renatino Canevarolo R, et al. (2025) Epigenetic Plasticity Drives Carcinogenesis and Multi-Therapy Resistance in Multiple Myeloma. *Research square*.

Ou Y, et al. (2025) Epigenetic age acceleration and rheumatoid arthritis: an NHANES-based analysis and survival prediction models. *Clinical epigenetics*, 17(1), 111.

Song J, et al. (2025) DEMINERS enables clinical metagenomics and comparative transcriptomic analysis by increasing throughput and accuracy of nanopore direct RNA sequencing. *Genome biology*, 26(1), 76.

Zhou J, et al. (2025) Construction of enhanced MRI-based radiomics models using machine learning algorithms for non-invasive prediction of IL7R expression in high-grade gliomas and its prognostic value in clinical practice. *Journal of translational medicine*, 23(1), 383.

van Tellingen O, et al. (2025) Reanalysis of in vivo drug synergy validation study rules out synergy in most cases. *Nature communications*, 16(1), 8534.

Taite J, et al. (2025) Nitrogen enrichment reduces parasitism in an annual hemiparasite. *American journal of botany*, 112(9), e70101.