

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>

Proper Citation: survival (RRID:SCR_021137)

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

Funding:

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: 20250508T065935+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

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 264 mentions in open access literature.

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

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.

Wu X, et al. (2025) Single-cell transcriptomics identify a novel macrophage population associated with bone invasion in pituitary neuroendocrine tumors. *Journal of experimental & clinical cancer research : CR*, 44(1), 27.

Tang Z, et al. (2025) Long noncoding RNA DHRS4 antisense RNA 1 suppresses osteosarcoma cell proliferation and promotes apoptosis through a competitive endogenous RNA mechanism. *Scientific reports*, 15(1), 2891.

Liu J, et al. (2025) Desmoglein-2 was a novel cancer-associated fibroblasts-related biomarker for oral squamous cell carcinoma. *BMC oral health*, 25(1), 102.

Song Y, et al. (2025) Integrated Transcriptomic Landscape and Deep Learning Based Survival Prediction in Uterine Sarcomas. *Cancer research and treatment*, 57(1), 250.

Xu W, et al. (2025) Progressive natural killer cell dysfunction in advanced-stage clear-cell renal cell carcinoma and association with clinical outcomes. *ESMO open*, 10(2), 104105.

Dubler S, et al. (2025) Implications for the diagnosis of aspiration and aspergillosis in critically ill patients with detection of galactomannan in broncho-alveolar lavage fluids. *Scientific reports*, 15(1), 1997.

Shan N, et al. (2025) Common biomarkers of idiopathic pulmonary fibrosis and systemic sclerosis based on WGCNA and machine learning. *Scientific reports*, 15(1), 610.

Krishnan T, et al. (2025) Clonal Hematopoiesis of Indeterminate Potential and its Association with Treatment Outcomes and Adverse Events in Patients with Solid Tumors. *Cancer research communications*, 5(1), 66.

Li Q, et al. (2025) Regulation of pancreatic cancer cells by suppressing KIN17 through the PI3K/AKT/mTOR signaling pathway. *Oncology reports*, 53(2).

Al Jamal I, et al. (2024) IGH 3'RR recombination uncovers a non-germinal center imprint and c-MYC-dependent IGH rearrangement in unmutated chronic lymphocytic leukemia. *Haematologica*, 109(2), 466.

Leinonen JT, et al. (2024) Disentangling the link between maternal influences on birth weight and disease risk in 36,211 genotyped mother-child pairs. *Communications biology*, 7(1), 175.

Suzuki K, et al. (2024) Genetic drivers of heterogeneity in type 2 diabetes pathophysiology. *Nature*, 627(8003), 347.

Hoogendijk R, et al. (2024) Protocol for investigating data quality and reporting outcomes of pediatric gliomas in population-based cancer registry research. *STAR protocols*, 5(1), 102905.

Parra ER, et al. (2024) Multi-omics Analysis Reveals Immune Features Associated with Immunotherapy Benefit in Patients with Squamous Cell Lung Cancer from Phase III Lung-MAP S1400I Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(8), 1655.

Yaacov A, et al. (2024) Cancer mutational signatures identification in clinical assays using neural embedding-based representations. *Cell reports. Medicine*, 5(6), 101608.

Rolfo CD, et al. (2024) Measurement of ctDNA Tumor Fraction Identifies Informative Negative Liquid Biopsy Results and Informs Value of Tissue Confirmation. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(11), 2452.

Liu X, et al. (2024) Identification of tumor-specific T cell signature predicting cancer immunotherapy response in bladder cancer by multi-omics analysis and experimental verification. *Cancer cell international*, 24(1), 255.

Yang H, et al. (2024) A simplified and robust risk stratification model for stem cell transplantation in pediatric acute myeloid leukemia. *Cell reports. Medicine*, 5(10), 101762.

Ye W, et al. (2024) A Novel Lysosome-Related Gene Signature Predicts Lung Cancer Prognosis: A Bioinformatics-Driven Study. *Health science reports*, 7(12), e70236.