Resource Summary Report

Generated by kravitz2 on Sep 5, 2026

caret

RRID:SCR_021138
Type: Tool

Proper Citation

caret (RRID:SCR_021138)

Resource Information

URL: https://CRAN.R-project.org/package=caret

Proper Citation: caret (RRID:SCR_021138)

Description: Software R package provides misc functions for training and plotting classification and regression models.Contains tools for data splitting, pre-processing, feature selection, model tuning using resampling, and variable importance estimation, as well as other functionality.

Synonyms: Classification And REgression Training

Resource Type: software resource, software toolkit

Keywords: Plotting classification, regression models, data splitting, pre processing, feature selection, model tuning using resampling, estimation

Availability: Free, Available for download, Freely available

Resource Name: caret

Resource ID: SCR_021138

Alternate URLs: https://github.com/topepo/caret/

License: GPL-3

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260904T000500+0000

Ratings and Alerts

No rating or validation information has been found for caret.

No alerts have been found for caret.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 96 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Andersen L, et al. (2026) Cell-Free DNA-Derived Immune Cell Ratios Uncover Cancer-Associated Systemic Changes. Cancer research communications, 6(4), 811.

Lötsch J, et al. (2026) Dimensionality-modulated generative AI for safe biomedical dataset augmentation. iScience, 29(1), 114321.

Xu R, et al. (2026) Identification of mitochondria metabolism-related biomarkers associated with the development of rheumatoid arthritis using bioinformatics: An observational study. Medicine, 105(2), e44435.

Wu B, et al. (2026) Proteomic profiling of single extracellular vesicles as a promising new approach for the diagnosis and treatment modality of advanced ovarian cancer. NPJ precision oncology, 10(1), 65.

Lötsch J, et al. (2026) A model-agnostic framework for dataset-specific selection of missing value imputation methods in pain-related numerical data. Canadian journal of pain = Revue canadienne de la douleur, 10(1), 2595160.

Liao P, et al. (2026) Identification and validation of prognostic genes related to centrosome amplification in multiple myeloma. PeerJ, 14, e21283.

Lötsch J, et al. (2026) Resolving Interpretation Challenges in Machine Learning Feature Selection With an Iterative Approach in Biomedical Pain Data. European journal of pain (London, England), 30(2), e70221.

Lazare S, et al. (2026) Postoperative Lymph Is a Proximal Source of ctDNA for Detection of Recurrence in HPV-Independent Head and Neck Cancer. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(1), 135.

Zhao J, et al. (2026) Identification and Validation of Mitophagy-Related Biomarkers in Colorectal Cancer: An Integrated Analysis of Single-Cell Transcriptome and Mendelian Randomization. Genetics research, 2026(1), e5579542.

Zhang X, et al. (2026) Identification and Analysis of Biomarkers Associated With Lipid Metabolism and Ferroptosis in Ulcerative Colitis. Journal of immunology research, 2026(1), e9283449.

Wei J, et al. (2026) Lovastatin Targets LIPA to Induce ER Stress-Mediated Apoptosis in Acute Myeloid Leukemia: A Multi-Omics Study. International journal of general medicine,

19, 591023.

Defrancesco M, et al. (2026) Plasma phospho-tau 217 outperforms plasma phospho-tau 181 analyzed with Lumipulse in detecting Alzheimer's dementia in a real-world memory clinic population. Frontiers in aging neuroscience, 18, 1714247.

Hofvander J, et al. (2026) Transcriptomic Subgroups in Soft Tissue Tumors Correlate with Morphologic Subtype, Genomic Features, and Outcome. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1825.

Canzoniero JV, et al. (2026) plasmaCHORD: A Machine Learning Approach to Distinguish Clonal Hematopoiesis-Derived Variants in Liquid Biopsies from Patients with Solid Tumors. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1729.

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. Cell, 189(3), 765.

Liang Q, et al. (2025) Integration of multi-omics and machine learning strategies identifies immune related candidate biomarkers in inflammation-associated hypertrophic cardiomyopathy. Frontiers in immunology, 16, 1645382.

Idkowiak J, et al. (2025) Best practices and tools in R and Python for statistical processing and visualization of lipidomics and metabolomics data. Nature communications, 16(1), 8714.

Gammon M, et al. (2025) An application of finite element analysis predicts unique temperatures and fates for flatback sea turtle embryos. The Journal of experimental biology, 228(23).

Tognetti M, et al. (2025) Serum proteomics reveals survival-associated biomarkers in pancreatic cancer patients treated with chemoimmunotherapy. iScience, 28(4), 112230.

Xiao Z, et al. (2025) Inflammatory Biomarkers in Coronary Artery Disease: Insights From Mendelian Randomization and Transcriptomics. Journal of inflammation research, 18, 3177.