Resource Summary Report

Generated by dkNET on May 8, 2025

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 toolkit, software resource

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

Funding:

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: 20250508T065935+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 52 mentions in open access literature.

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

Garcia Lopez A, et al. (2024) Risk assessment with gene expression markers in sepsis development. Cell reports. Medicine, 5(9), 101712.

Jin X, et al. (2024) Dissection of the cell communication interactions in lung adenocarcinoma identified a prognostic model with immunotherapy efficacy assessment and a potential therapeutic candidate gene ITGB1. Heliyon, 10(17), e36599.

Yang S, et al. (2024) Risk assessment of imported malaria in China: a machine learning perspective. BMC public health, 24(1), 865.

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

Borgmästars E, et al. (2024) Multi-omics profiling to identify early plasma biomarkers in pre-diagnostic pancreatic ductal adenocarcinoma: a nested case-control study. Translational oncology, 48, 102059.

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

Pohl LC, et al. (2024) Molecular characteristics and improved survival prediction in a cohort of 2023 ependymomas. Acta neuropathologica, 147(1), 24.

Gracia-Tabuenca Z, et al. (2024) Predicting depression risk in early adolescence via multimodal brain imaging. NeuroImage. Clinical, 42, 103604.

Hai L, et al. (2024) A clinically applicable connectivity signature for glioblastoma includes the tumor network driver CHI3L1. Nature communications, 15(1), 968.

Tang K, et al. (2024) Bioinformatics Analysis and Experimental Validation of Mitochondrial Autophagy Genes in Knee Osteoarthritis. International journal of general medicine, 17, 639.

Shi X, et al. (2023) Integrative transcriptome and proteome analyses of clear cell renal cell carcinoma develop a prognostic classifier associated with thrombus. Scientific reports, 13(1), 9778.

Znaidia M, et al. (2023) Exposure to Secreted Bacterial Factors Promotes HIV-1 Replication in CD4+ T Cells. Microbiology spectrum, 11(2), e0431322.

Licandro H, et al. (2023) The bacterial species profiles of the lingual and salivary microbiota differ with basic tastes sensitivity in human. Scientific reports, 13(1), 20339.

Casado P, et al. (2023) Integrative phosphoproteomics defines two biologically distinct groups of KMT2A rearranged acute myeloid leukaemia with different drug response phenotypes. Signal transduction and targeted therapy, 8(1), 80.

Reiter F, et al. (2023) Enhancers display constrained sequence flexibility and context-specific modulation of motif function. Genome research, 33(3), 346.

Gracia-Tabuenca Z, et al. (2023) PREDICTING DEPRESSION RISK IN EARLY ADOLESCENCE VIA MULTIMODAL BRAIN IMAGING. bioRxiv : the preprint server for biology.

Messner CB, et al. (2023) The proteomic landscape of genome-wide genetic perturbations. Cell, 186(9), 2018.

Rhoads SA, et al. (2023) Unselfish traits and social decision-making patterns characterize six populations of real-world extraordinary altruists. Nature communications, 14(1), 1807.

Loukas I, et al. (2023) Selective advantage of epigenetically disrupted cancer cells via phenotypic inertia. Cancer cell, 41(1), 70.

Wong D, et al. (2023) Integrated, Longitudinal Analysis of Cell-free DNA in Uveal Melanoma. Cancer research communications, 3(2), 267.