

Resource Summary Report

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SEER

RRID:SCR_015499

Type: Tool

Proper Citation

SEER (RRID:SCR_015499)

Resource Information

URL: <https://github.com/johnlees/seer>

Proper Citation: SEER (RRID:SCR_015499)

Description: Sequence element enrichment analysis tool to perform pan-genome-wide association studies in bacteria.

Resource Type: data processing software, sequence analysis software, data analysis software, source code, software resource, software application

Defining Citation: [DOI:10.1038/ncomms12797](https://doi.org/10.1038/ncomms12797), [DOI:10.1101/038463](https://doi.org/10.1101/038463)

Keywords: bacterial genome association, sequence element enrichment analysis, kmer enrichment analysis

Availability: Available for download

Resource Name: SEER

Resource ID: SCR_015499

Alternate IDs: OMICS_21699

Alternate URLs: <https://sources.debian.org/src/seer/>

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260731T042948+0000

Ratings and Alerts

No rating or validation information has been found for SEER.

No alerts have been found for SEER.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 463 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Davis S, et al. (2025) Racialized Economic Segregation, Treatment, and Outcomes in Women with Triple-Negative Breast Cancer. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 34(6), 895.

Zheng Y, et al. (2025) Evaluation of conditional survival outcomes in patients with redefined anaplastic thyroid carcinoma. Frontiers in endocrinology, 16, 1525869.

Wang Y, et al. (2025) Cost Disparities with Age in the Treatment of Advanced Non-Small-Cell Lung Cancer (NSCLC) in Ontario, Canada. Current oncology (Toronto, Ont.), 32(6).

Turan B, et al. (2025) Prognostic impact and independent significance of tumor deposits in early-stage colon cancer: a population-based cohort study. International journal of colorectal disease, 40(1), 146.

Guo X, et al. (2025) Survival outcomes and prognostic factors of early-onset and late-onset metastatic esophageal cancer: a population-based study. Scientific reports, 15(1), 23588.

Zhu G, et al. (2025) Development and validation of a machine learning model for predicting pulmonary metastasis in hepatocellular carcinoma patients. Discover oncology, 16(1), 1477.

Li X, et al. (2025) Development and Validation of Survival Prediction Models for Patients With Pineoblastomas Using Deep Learning: A SEER-Based Study. Cancer reports (Hoboken, N.J.), 8(8), e70303.

Zhang W, et al. (2025) Prediction of 5-year postoperative survival and analysis of key prognostic factors in stage III colorectal cancer patients using novel machine learning algorithms. Frontiers in oncology, 15, 1604386.

Wang Q, et al. (2025) Prognosis Prediction and Surgical Benefit Subgroup Analysis in Anal Squamous Cell Carcinoma Patients Undergoing Concurrent Chemoradiotherapy. Cancer medicine, 14(15), e71091.

Yang J, et al. (2025) Comparison of lobectomy vs total thyroidectomy for medullary thyroid carcinoma: a SEER analysis with Chinese cohort validation. The oncologist, 30(9).

H??lzel D, et al. (2025) Prolonged time to breast cancer surgery and the risk of metastasis: an explorative simulation analysis using epidemiological data from Germany and the USA. Breast cancer research and treatment, 211(1), 151.

Chattopadhyay A, et al. (2025) Predicting Survival Outcomes for Patients with Ovarian Cancer Using National Cancer Registry Data from Taiwan: A Retrospective Cohort Study. *Women's health reports* (New Rochelle, N.Y.), 6(1), 90.

Zhao A, et al. (2025) Epidemiology characteristics and clinical outcomes of composite Hodgkin lymphoma and diffuse large B-cell lymphoma using machine learning. *The oncologist*, 30(4).

Cai C, et al. (2025) Survival analysis and establishment of prognostic nomograms for primary breast signet ring cell carcinoma. *Scientific reports*, 15(1), 12703.

Zhang J, et al. (2025) Evaluating the predictive value of log odds of positive lymph nodes on postoperative survival in patients with laryngeal cancer: a SEER population-based study. *Discover oncology*, 16(1), 452.

Xue Y, et al. (2025) Dynamic survival outcomes of the tall-cell variant of papillary thyroid carcinoma patients after surgery. *Frontiers in endocrinology*, 16, 1517907.

Jin Y, et al. (2025) Comparing Random Survival Forests and Cox Regression for Nonresponders to Neoadjuvant Chemotherapy Among Patients With Breast Cancer: Multicenter Retrospective Cohort Study. *Journal of medical Internet research*, 27, e69864.

Hong Z, et al. (2025) Comprehensive analysis of Atypical chronic myeloid leukemia (aCML): Epidemiology, clinical features, and survival outcomes based on SEER database insights. *Leukemia research reports*, 23, 100505.

Tao Z, et al. (2025) Influence factors and survival outcomes of different invasion sites in locally advanced thyroid cancer and new site-based risk stratification system. *Endocrine*, 88(2), 501.

Luo Y, et al. (2025) Clinical Characteristics, Treatment and Prognosis of Primary Tracheal Adenoid Cystic Carcinoma: A Multicenter Retrospective Study. *Cancer medicine*, 14(8), e70877.