

Resource Summary Report

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BRAT

RRID:SCR_013159

Type: Tool

Proper Citation

BRAT (RRID:SCR_013159)

Resource Information

URL: <http://compbio.cs.ucr.edu/brat/>

Proper Citation: BRAT (RRID:SCR_013159)

Description: BRAT is an accurate and efficient tool for mapping short bisulfite-treated reads obtained from the Solexa-Illumina Genome Analyzer.

Abbreviations: BRAT

Synonyms: Bisulfite-treated Reads Analysis Tool

Resource Type: software resource

Resource Name: BRAT

Resource ID: SCR_013159

Alternate IDs: OMICS_00577

Record Creation Time: 20220129T080314+0000

Record Last Update: 20260815T182453+0000

Ratings and Alerts

No rating or validation information has been found for BRAT.

No alerts have been found for BRAT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 55 mentions in open access literature.

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

E JY, et al. (2026) Methodological comparisons for benefit-risk assessment in complex decision-making: applications and insights from a case study. *Frontiers in drug safety and regulation*, 6, 1792441.

Tong Q, et al. (2026) Decoding enzymatic landscapes: a knowledge graph-enhanced large language model framework for microbial enzyme production and catalysis systems. *aBIOTECH*, 7(3), 100059.

Bagherzadeh P, et al. (2025) An automatic pipeline for temporal monitoring of radiotherapy-induced toxicities in head and neck cancer patients. *NPJ precision oncology*, 9(1), 40.

Nourani E, et al. (2025) LSD600: the first corpus of biomedical abstracts annotated with lifestyle-disease relations. *Database : the journal of biological databases and curation*, 2025.

Minghao L, et al. (2025) Nested named entity recognition in traditional Chinese medicine electronic medical records via dual-granularity feature augmentation and span classification. *Scientific reports*, 15(1), 38357.

Fung MMH, et al. (2025) Developing a named entity framework for thyroid cancer staging and risk level classification using large language models. *NPJ digital medicine*, 8(1), 134.

Sierepeklis O, et al. (2025) Autogenerating a Domain-Specific Question-Answering Data Set from a Thermoelectric Materials Database to Enable High-Performing BERT Models. *Journal of chemical information and modeling*, 65(16), 8579.

Totton N, et al. (2024) A proposal for using benefit-risk methods to improve the prominence of adverse event results when reporting trials. *Trials*, 25(1), 409.

Lan M, et al. (2024) Automatic categorization of self-acknowledged limitations in randomized controlled trial publications. *Journal of biomedical informatics*, 152, 104628.

Zhong K, et al. (2024) Natural variation of TBR confers plant zinc toxicity tolerance through root cell wall pectin methylesterification. *Nature communications*, 15(1), 5823.

Xu J, et al. (2024) Combining Federated Machine Learning and Qualitative Methods to Investigate Novel Pediatric Asthma Subtypes: Protocol for a Mixed Methods Study. *JMIR research protocols*, 13, e57981.

Wang S, et al. (2023) YY1 is regulated by ALKBH5-mediated m6A modification and promotes autophagy and cancer progression through targeting ATG4B. *Aging*, 15(18), 9590.

Neveu D, et al. (2023) Structured Benefit-Risk Assessment of a New Quadrivalent Meningococcal Conjugate Vaccine (MenACYW-TT) in Individuals Ages 12 Months and

Older. Infectious diseases and therapy, 12(10), 2367.

Merten JW, et al. (2023) Evaluation of a Brief, Tailored Skin Cancer Risk Assessment and Referral Intervention for Community-Based Health Educators: Brief Report. Journal of cancer education : the official journal of the American Association for Cancer Education, 38(1), 24.

Panayi A, et al. (2023) Evaluation of a prototype machine learning tool to semi-automate data extraction for systematic literature reviews. Systematic reviews, 12(1), 187.

Liukas T, et al. (2023) Towards automated risk prediction of persistent pain: Exploring psychosocial factors from electronic health records after breast cancer surgery. Nursing open, 10(5), 3399.

Sabatschus I, et al. (2022) Comparative Benefit-Risk Assessment for Lidocaine 700mg Medicated Plaster and Pregabalin in Peripheral Neuropathic Pain Following a Structured Framework Approach. Pain and therapy, 11(1), 73.

Kifor CV, et al. (2022) Work from Home during the COVID-19 Pandemic-The Impact on Employees' Self-Assessed Job Performance. International journal of environmental research and public health, 19(17).

Deng L, et al. (2021) Constructing High-Fidelity Phenotype Knowledge Graphs for Infectious Diseases With a Fine-Grained Semantic Information Model: Development and Usability Study. Journal of medical Internet research, 23(6), e26892.

Kittner M, et al. (2021) Annotation and initial evaluation of a large annotated German oncological corpus. JAMIA open, 4(2), ooab025.