

Resource Summary Report

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MatchIt

RRID:SCR_025618

Type: Tool

Proper Citation

MatchIt (RRID:SCR_025618)

Resource Information

URL: <https://CRAN.R-project.org/package=MatchIt>

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Description: Software R package to select matched samples of original treated and control groups with similar covariate distributions. Can be used to match exactly on covariates, to match on propensity scores, or perform variety of other matching procedures. Nonparametric preprocessing for parametric causal inference.

Resource Type: source code, software toolkit, software resource

Keywords: Nonparametric preprocessing, parametric causal inference, match on propensity scores, match exactly on covariates,

Availability: Free, Available for download, Freely available,

Resource Name: MatchIt

Resource ID: SCR_025618

Alternate URLs: <https://github.com/kosukeimai/MatchIt>

License: GNU GPL v3

Record Creation Time: 20240815T053252+0000

Record Last Update: 20260803T040915+0000

Ratings and Alerts

No rating or validation information has been found for MatchIt.

No alerts have been found for MatchIt.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 502 mentions in open access literature.

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

Trusty WT, et al. (2026) Teletherapy Post-COVID-19: Comparisons With In-Person Client Characteristics and Service Utilization in Routine Practice. *Journal of clinical psychology*, 82(1), 31.

Verhoeven RHA, et al. (2026) Adjuvant nivolumab after chemoradiotherapy and resection for patients with esophageal cancer: A real-world matched comparison of overall survival. *International journal of cancer*, 158(5), 1292.

Liharska LE, et al. (2026) A study of gene expression in the living human brain. *Molecular psychiatry*, 31(1), 137.

Sheng H, et al. (2025) KBTBD11 loss promotes AKT hyperactivation and therapeutic vulnerability in prostate cancer. *Oncogene*.

Zhang JT, et al. (2025) Follow-up Analysis Enhances Understanding of Molecular Residual Disease in Localized Non-Small Cell Lung Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(7), 1305.

Elias R, et al. (2025) Clear-Cell Renal Cell Carcinoma Molecular Subtypes Differ by African and European Genetic Similarity. *Cancer research communications*, 5(5), 743.

Karovic S, et al. (2025) Real-world Data on Risk Factors for Emergency Department Visits to Treat Outpatient Chemotherapy-Associated Toxicities. *Cancer research communications*, 5(6), 973.

Romero S, et al. (2025) Statistical and machine learning models for predicting university dropout and scholarship impact. *PloS one*, 20(6), e0325047.

Fabbri A, et al. (2025) Periodic Boosters of COVID-19 Vaccines Do Not Affect the Safety and Efficacy of Immune Checkpoint Inhibitors for Advanced Non-Small Cell Lung Cancer: A Longitudinal Analysis of the Vax-On-Third Study. *Cancers*, 17(12).

Toledo D, et al. (2025) Impact of Long-Term Statin Therapy on Incidence and Severity of Community-Acquired Pneumonia: A Real-World Data Analysis. *Biomedicines*, 13(6).

Hughes AM, et al. (2025) Physical Activity, Sleep, and Quality of Life in Pulmonary Arterial Hypertension: Novel Insights From Wearable Devices. *Pulmonary circulation*, 15(2), e70069.

Kwon W, et al. (2025) Effect of Operator Experience Performing Rotational Atherectomy on Clinical Outcomes After Percutaneous Coronary Intervention. *Korean circulation*

journal, 55(8), 672.

Hax J, et al. (2025) Treatment options for persistent lateral femoral cutaneous nerve lesions after total hip arthroplasty via the direct anterior approach: retrospective analysis with clinical assessment. *International orthopaedics*, 49(5), 1107.

Bilgin ?A, et al. (2025) Is previous radical prostatectomy an adversity for laparoscopic total extraperitoneal approach for inguinal hernia repair? A propensity score case matched study. *Hernia : the journal of hernias and abdominal wall surgery*, 29(1), 173.

Khan U, et al. (2025) Comorbidity analysis and clustering of endometriosis patients using electronic health records. *Cell reports. Medicine*, 6(8), 102245.

Triantafyllias K, et al. (2025) Oscillometric, greyscale- and novel color-Doppler-ultrasound indices of macrovascular damage in Sjögren's: the SICARD cohort study. *Arthritis research & therapy*, 27(1), 164.

Infante B, et al. (2025) Impact of immunosuppressive therapy on pulmonary perfusion in kidney transplant recipients after COVID-19 illness. *Frontiers in medicine*, 12, 1562407.

Friedrichs A, et al. (2025) The effect of antibiotic therapy on clinical outcome in patients hospitalized with moderate COVID-19 disease: a prospective multi-center cohort study. *Infection*, 53(6), 2543.

Li AR, et al. (2025) Sleep and circadian disorders as risk factors for autoimmune disease: A population-based study. *Neurobiology of sleep and circadian rhythms*, 18, 100129.

Soriano LDH, et al. (2025) Discrepancies in assessing intellectual disability levels in adults with Down syndrome: Implications for dementia diagnosis. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(6), e70307.