

Resource Summary Report

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Julearn

RRID:SCR_024881

Type: Tool

Proper Citation

Julearn (RRID:SCR_024881)

Resource Information

URL: <https://juaml.github.io/julearn>

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Description: Software library of easy testing ML models directly from pandas DataFrames, while keeping the flexibility of using scikit-learn's models.

Resource Type: software library, software resource, software toolkit

Defining Citation: [DOI:10.48550/arXiv.2310.12568](https://doi.org/10.48550/arXiv.2310.12568).

Keywords: machine learning open source, leakage free evaluation, inspection of ML models, testing ML models,

Funding: Deutsche Forschungsgemeinschaft PA 3634/1-1;
Deutsche Forschungsgemeinschaft 431549029–SFB 1451 project B05;
European Union HORIZON-INFRA-2021-TECH-01;
Helmholtz-AI ZT-I-PF-5-078;
Helmholtz Supercomputing and Modeling for the Human Brain;
Helmoltz Imaging Platform NimRLS

Availability: Free, Available for download, Freely available

Resource Name: Julearn

Resource ID: SCR_024881

Alternate URLs: <https://github.com/juaml/julearn>

License: AGPL v3

Record Creation Time: 20240117T050246+0000

Record Last Update: 20260829T183346+0000

Ratings and Alerts

No rating or validation information has been found for Julearn.

No alerts have been found for Julearn.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Rommerskirchen L, et al. (2026) Multimodal machine learning reveals neurobiological signatures of binge-type eating disorders. *Frontiers in neuroscience*, 20, 1803154.

Nazarzadeh K, et al. (2026) Predicting brain volumes from anthropometric and demographic features: insights from UK biobank neuroimaging data. *Brain structure & function*, 231(3).

Muganga T, et al. (2025) Voxel-Wise or Region-Wise Nuisance Regression for Functional Connectivity Analyses: Does It Matter? *Human brain mapping*, 46(12), e70323.

Jung K, et al. (2025) Effective workflow from multimodal MRI data to model-based prediction. *Scientific reports*, 15(1), 20126.

Hamdan S, et al. (2024) Julearn: an easy-to-use library for leakage-free evaluation and inspection of ML models. *GigaByte (Hong Kong, China)*, 2024, gigabyte113.

Petersen M, et al. (2024) Enhancing Cognitive Performance Prediction through White Matter Hyperintensity Connectivity Assessment: A Multicenter Lesion Network Mapping Analysis of 3,485 Memory Clinic Patients. *medRxiv : the preprint server for health sciences*.

Friedrich P, et al. (2022) Is it left or is it right? A classification approach for investigating hemispheric differences in low and high dimensionality. *Brain structure & function*, 227(2), 425.