Resource Summary Report

Generated by Kravitz on Sep 10, 2026

ADJUST

RRID:SCR_009526
Type: Tool

Proper Citation

ADJUST (RRID:SCR_009526)

Resource Information

URL: http://www.unicog.org/pm/pmwiki.php/MEG/RemovingArtifactsWithADJUST

Proper Citation: ADJUST (RRID:SCR_009526)

Description: A completely automatic algorithm for artifact identification and removal in EEG data. ADJUST is based on Independent Component Analysis (ICA), a successful but unsupervised method for isolating artifacts from EEG recordings. ADJUST identifies artifacted ICA components by combining stereotyped artifact-specific spatial and temporal features. Features are optimised to capture blinks, eye movements and generic discontinuities. Once artifacted IC are identified, they can be simply removed from the data while leaving the activity due to neural sources almost unaffected.

Abbreviations: ADJUST

Synonyms: ADJUST - EEG Automatic Artifact Removal, ADJUST: automatic algorithm for EEG artifact removal

Resource Type: software resource

Defining Citation: PMID:20636297

Keywords: eeg, meg, electrocorticography, matlab, os independent

Availability: GNU General Public License

Resource Name: ADJUST

Resource ID: SCR_009526

Alternate IDs: nlx_155689

Alternate URLs: http://www.nitrc.org/projects/adjust

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260905T132634+0000

Ratings and Alerts

No rating or validation information has been found for ADJUST.

No alerts have been found for ADJUST.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1811 mentions in open access literature.

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

Sakimoto S, et al. (2026) Endothelial stem cells of the retinal vasculature reside in the optic nerve. Nature communications, 17(1), 606.

Zhou Y, et al. (2026) Improving severity grading of chemotherapy-induced myelosuppression in AML via data-driven and model-based deep learning. NPJ systems biology and applications, 12(1).

de Almeida ART, et al. (2026) Calcium Hydroxylapatite-Carboxymethylcellulose as a Treatment for Forearm Dermatoporosis: A Prospective, Delayed-Start, Contralateral Case Series. Journal of cosmetic dermatology, 25(4), e70859.

Dai Z, et al. (2026) Rethinking AI-assisted writing instruction: feedback literacy scripts, calibration training, and student writing development. Frontiers in psychology, 17, 1829268.

Zhao Q, et al. (2026) Docetaxel Oral Delivery System Using Natural Nanoparticles Derived from Ganoderma: Enhanced Pharmacokinetics, Potent Cytotoxicity, and Macrophage-Activating Properties. Pharmaceuticals (Basel, Switzerland), 19(6).

Nambiar A, et al. (2026) MYO5A-mediated stabilization promotes the acquisition of fusion competence in sealed autophagosomes. The EMBO journal, 45(4), 1175.

Krause CJ, et al. (2026) Protocol for generating high-quality, 45-color spectral flow cytometry data for unsupervised clustering to investigate aging in human PBMCs. STAR protocols, 7(1), 104380.

Ngala EM, et al. (2026) Sexual aggression and prenatal stress lead to poor maternal care and aggressive behaviour in male Wistar rat offspring. IBRO neuroscience reports, 20, 332.

Matsuguchi S, et al. (2026) Protocol for iterative indirect immunofluorescence imaging of frozen mouse intestinal tissues. STAR protocols, 7(1), 104410.

Kopanoglu E, et al. (2026) SAR-Efficient Sub-Volume Imaging Using Nonlinear Gradient Magnetic Fields. Journal of imaging, 12(6).

Yao H, et al. (2026) Protective effect of Chlorogenic Acid complex against intestinal oxidative stress in broilers and screening of its key isomer. Poultry science, 105(9), 107076.

Xie C, et al. (2026) Development and Usability Evaluation of a Serious Game for Dietary Health Education in Gestational Diabetes Mellitus: A Mixed-Methods Study Based on the SGDA Framework. Journal of multidisciplinary healthcare, 19, 580073.

Jiang W, et al. (2026) Comparison of dose-adjusted EPOCH-R and R-CHOP in diffuse large B-cell lymphoma with high Ki67 expression: Results from a prospective observational study. PloS one, 21(5), e0350024.

Chen J, et al. (2026) A 3D modeling framework for accurate trajectory-based prediction of critical diameter in deterministic lateral displacement microfluidics. Microsystems & nanoengineering, 12(1).

Esfandi H, et al. (2026) Systems biology analysis of vasodynamics in mouse cerebral arterioles during resting state and functional hyperemia. PLoS computational biology, 22(4), e1013113.

Shi J, et al. (2026) Extrinsic apoptosis and necroptosis in telencephalic development: a single-cell mass cytometry study. Cell death and differentiation, 33(3), 656.

Nano M, et al. (2026) A kinome inhibitor screen implicates adhesion and growth factor signaling in cellular recovery after caspase activation. bioRxiv : the preprint server for biology.

Housley SN, et al. (2026) Tumor agnostic drug delivery with dynamic nanohydrogels. Nature communications, 17(1), 184.

Costa SN, et al. (2026) Expansion of bone marrow adipocytes in obese mice leads to PD-L1-driven bone marrow immunosuppression and osteoclastogenesis. Bone research, 14(1).

Kim H, et al. (2026) Multidimensional scaling informed by F-statistic: Visualizing grouped microbiome data with inference. PLoS computational biology, 22(4), e1014102.