

# Resource Summary Report

Generated by T1D on Aug 2, 2026

## ADJUST

RRID:SCR\_009526

Type: Tool

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### Proper Citation

ADJUST (RRID:SCR\_009526)

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### Resource Information

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

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**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](https://pubmed.ncbi.nlm.nih.gov/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

## Ratings and Alerts

No rating or validation information has been found for ADJUST.

No alerts have been found for ADJUST.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1782 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#).

Son S, et al. (2025) Dynamic neural compensation for distorted orientation perception in chronic astigmatism. *iScience*, 28(10), 113518.

Tie H, et al. (2025) E'jiao and Cubilose Formula Induced Antioxidant Activity and Improved Collagen Expression of Human Skin Fibroblasts During Oxidation Damage. *Journal of cosmetic dermatology*, 24(1), e16604.

Zihao W, et al. (2025) Accurate diagnosis and effective treatment of abnormal meridians in erectile dysfunction patients based on infrared thermography: an electrophysiological technique study. *International journal of impotence research*, 37(2), 126.

Feng H, et al. (2025) A Fully Integrated Orthodontic Aligner With Force Sensing Ability for Machine Learning-Assisted Diagnosis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(2), e2411187.

Hirase S, et al. (2025) Phenotypic and Genomic Signatures of Latitudinal Local Adaptation Along With Prevailing Ocean Current in a Coastal Goby. *Molecular ecology*, 34(2), e17599.

Karthikeyan S, et al. (2025) Protocol for the three-dimensional analysis of rodent skeletal muscle. *STAR protocols*, 6(1), 103549.

Wu XX, et al. (2025) Protocol for the purification of the plastid-encoded RNA polymerase from transplastomic tobacco plants. *STAR protocols*, 6(1), 103528.

Yamamoto T, et al. (2025) Protocol for extracellular vesicle secretion-related gene screening via ExoScreen technique. *STAR protocols*, 6(1), 103569.

Litsios A, et al. (2025) Protocol for cell image-based spatiotemporal proteomics in budding yeast. *STAR protocols*, 6(1), 103577.

Zhang Y, et al. (2025) Protocol for evaluating humoral immune responses in mice following SARS-CoV-2 vaccination. STAR protocols, 6(1), 103548.

Lavergne M, et al. (2025) Executioner caspases degrade essential mediators of pathogen-host interactions to inhibit growth of intracellular *Listeria monocytogenes*. Cell death & disease, 16(1), 55.

Kumar A, et al. (2025) Protocol for recording physiological signals from the human cerebellum using electroencephalography. STAR protocols, 6(1), 103601.

Amtataw M, et al. (2025) Nutritional and anti-nutritional evaluation of injera made from Sorghum, Rice, Teff, and Flaxseed flours using D-optimal mixture design. Scientific reports, 15(1), 3959.

Wacker KM, et al. (2025) Industry-level estimates of export quality accounting for global value chains. Scientific data, 12(1), 379.

Nalluri HV, et al. (2025) Optimizing Colocalized Cell Counting Using Automated and Semiautomated Methods. Neuroinformatics, 23(2), 25.

Chen G, et al. (2025) Segregation of particles during maize loading process in a center-loaded silo. Scientific reports, 15(1), 9090.

Moreno-Rocha CM, et al. (2025) Multi-criteria evaluation and multi-method analysis for appropriately selecting renewable energy sources in Colombia. MethodsX, 14, 103248.

Fatima A, et al. (2025) The Effect of Different Extraction Techniques on the Bioactive Characteristics of Dill (*Anethum graveolens*) Essential Oil. Food science & nutrition, 13(4), e70089.

Mao W, et al. (2025) Protocol for single-cell RNA sequencing and spatial transcriptomics of bladder Ewing sarcoma. STAR protocols, 6(1), 103687.

Specht I, et al. (2025) JUNIPER: Reconstructing Transmission Events from Next-Generation Sequencing Data at Scale. medRxiv : the preprint server for health sciences.