Resource Summary Report

Generated by RRID on Aug 6, 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: 20260801T190409+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 1782 mentions in open access literature.

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

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

Zhou G, et al. (2025) Synthesis, Characteristics, and Field Applications of High-Temperature and Salt-Resistant Polymer Gel Tackifier. Gels (Basel, Switzerland), 11(6).

Olaussen C, et al. (2025) The Norwegian Version of the Self-Efficacy in Clinical Performance Scale (SECP): Psychometric Validation Study. JMIR formative research, 9, e68173.

Dehghanian P, et al. (2025) Protocol to study the contribution of tendon lineage in the development of mouse temporomandibular joint condylar cartilage using 3D visualization. STAR protocols, 6(3), 103933.

Son S, et al. (2025) Effectiveness of the Ike Dike in mitigating coastal flood risk under multiple climate and sea level rise projections. Risk analysis : an official publication of the Society for Risk Analysis, 45(9), 2865.

Alprol AE, et al. (2025) Chitosan/ferrous oxide nanocomposite for the sunlight-driven photocatalytic degradation of organic azo dye in aqueous solutions and aquaculture effluents wastewater. Scientific reports, 15(1), 23289.

Karcher C, et al. (2025) Microscope-assisted, rodent whole heart perfusion fixation for histological characterization of myocardium remodeling. MethodsX, 14, 103417.

Lee R, et al. (2025) Protocol for chromatin immunoprecipitation and hematovascular function assays with differentiated mouse embryonic stem cells. STAR protocols, 6(3), 104083.

Jiang Y, et al. (2025) Protocol for renal artery embolization via caudal artery in rats. STAR protocols, 6(3), 104080.

Parra-Rivas LA, et al. (2025) Protocol for CRISPR-based manipulation and visualization of endogenous ??-synuclein in cultured mouse hippocampal neurons. STAR protocols, 6(3), 103945.

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.

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.

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.

Shojaei S, et al. (2025) A non-fluorescent immunohistochemistry method for measuring autophagy flux using MAP1LC3/LC3 and SQSTM1 as core markers. FEBS open bio, 15(6), 898.

Fang Y, et al. (2025) Protocol to generate allorejection-resistant universal CAR-NKT cells and evaluate their efficacy, mechanism of action, safety, and immunogenicity. STAR protocols, 6(2), 103810.

Ruan S, et al. (2025) A high precision YOLO model for surface defect detection based on PyConv and CISBA. Scientific reports, 15(1), 15841.

Trozzi N, et al. (2025) Camelot: a computer-automated micro-extensometer with low-cost optical tracking. BMC biology, 23(1), 112.

Wang Y, et al. (2025) Gasless vNOTES vs. traditional vNOTES for benign gynecological disease: a randomized controlled clinical trial. BMC anesthesiology, 25(1), 159.

Simbeni TV, et al. (2025) Protective behaviours among orphaned learners in a district of Gauteng province, South Africa. Health SA = SA Gesondheid, 30, 2812.

Liu SQ, et al. (2025) A Bibliometric Analysis of hypertension and anxiety from 2004 to 2022. Medicine, 104(13), e41859.