Resource Summary Report

Generated by dkNET on Aug 7, 2026

Mass Univariate ERP Toolbox

RRID:SCR_016108
Type: Tool

Proper Citation

Mass Univariate ERP Toolbox (RRID:SCR_016108)

Resource Information

URL: https://github.com/dmgroppe/Mass_Univariate_ERP_Toolbox

Proper Citation: Mass Univariate ERP Toolbox (RRID:SCR_016108)

Description: Software toolkit of Matlab functions for analyzing and visualizing large numbers of t-tests performed on event-related potential data. The toolbox supports within-subject and between-subject t-tests with false discovery rate controls and control of the family-wise error rate via permutation tests.

Resource Type: software resource, data analysis software, data processing software, data visualization software, software application

Defining Citation: PMID:21895683

Keywords: matlab, analysis, t test, statistic, erp, event related potential, visualization, neuroimaging, erf, magnetic, resonance, imaging

Funding: NICHD HD22614;
NIA AG08313

Availability: Free, Available for download

Resource Name: Mass Univariate ERP Toolbox

Resource ID: SCR_016108

Alternate URLs: https://openwetware.org/wiki/Mass_Univariate_ERP_Toolbox

License: BSD 3-Clause "New" or "Revised" License

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260807T042850+0000

Ratings and Alerts

No rating or validation information has been found for Mass Univariate ERP Toolbox.

No alerts have been found for Mass Univariate ERP Toolbox.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Yuan T, et al. (2025) Pupillometry: A Simple and Automatic Way to Explore Implicit Cognitive Processing. Bio-protocol, 15(7), e5265.

González-López M, et al. (2025) Involuntary Attention in Healthy Older Adults at Electroencephalographic Risk of Cognitive Decline: An ERP Study. Brain and behavior, 15(10), e70970.

Kronemer SI, et al. (2024) Cross-species real-time detection of trends in pupil size fluctuation. Behavior research methods, 57(1), 9.

Kronemer SI, et al. (2024) Cross-species real time detection of trends in pupil size fluctuation. bioRxiv : the preprint server for biology.

Qiu Z, et al. (2022) The Effects of Spatial Attention Focus and Visual Awareness on the Processing of Fearful Faces: An ERP Study. Brain sciences, 12(7).

Mégevand P, et al. (2020) Crossmodal Phase Reset and Evoked Responses Provide Complementary Mechanisms for the Influence of Visual Speech in Auditory Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(44), 8530.