

# Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

## Measure Projection Toolbox

RRID:SCR\_002429

Type: Tool

### Proper Citation

Measure Projection Toolbox (RRID:SCR\_002429)

### Resource Information

**URL:** <http://sccn.ucsd.edu/wiki/MPT>

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**Description:** This toolbox is an EEGLAB plugin for performing Measure Projection Analysis. Measure Projection Analysis (MPA) is a novel probabilistic multi-subject inference method that overcomes EEG Independent Component (IC) clustering issues by abandoning the notion of distinct IC clusters. Instead, it searches voxel by voxel for brain regions having event-related IC process dynamics that exhibit statistically significant consistency across subjects and/or sessions as quantified by the values of various EEG measures. Local-mean EEG measure values are then assigned to all such locations based on a probabilistic model of IC localization error and inter-subject anatomical and functional differences.

**Abbreviations:** MPT

**Synonyms:** Measure Projection Toolbox (MPT)

**Resource Type:** software resource, software toolkit

**Keywords:** reusable library, eeg, meg, electrocorticography, matlab, statistical operation, surrogate data analysis, visualization, measure projection analysis

**Availability:** Free, Available for download, Freely available

**Resource Name:** Measure Projection Toolbox

**Resource ID:** SCR\_002429

**Alternate IDs:** nlx\_155809

**Alternate URLs:** [http://www.nitrc.org/projects/measure\\_project](http://www.nitrc.org/projects/measure_project)

**License:** Open unspecified license

**Record Creation Time:** 20220129T080213+0000

**Record Last Update:** 20260801T042516+0000

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## Ratings and Alerts

No rating or validation information has been found for Measure Projection Toolbox.

No alerts have been found for Measure Projection Toolbox.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Burgos PI, et al. (2021) Behavioral and ERP Correlates of Long-Term Physical and Mental Training on a Demanding Switch Task. *Frontiers in psychology*, 12, 569025.

Touryan J, et al. (2017) Isolating Discriminant Neural Activity in the Presence of Eye Movements and Concurrent Task Demands. *Frontiers in human neuroscience*, 11, 357.

Bogost MD, et al. (2016) Electrocortical Sources Related to Whole-Body Surface Translations during a Single- and Dual-Task Paradigm. *Frontiers in human neuroscience*, 10, 524.