# **Resource Summary Report**

Generated by NIF on Apr 16, 2025

# LAN toolbox

RRID:SCR\_017629

Type: Tool

### **Proper Citation**

LAN toolbox (RRID:SCR\_017629)

#### **Resource Information**

URL: http://neurocics.udd.cl/LANtoolbox.html

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**Description:** Software toolbox for neuroscientist data (EEG and reaction time for time being). Used to create shared language among different algorithms and softwares in this field (e.g. Fieldtrip, Eeglab, Chronux, Brainstorm, etc), in order to facilitate implementation of experimental analysis by users. Code and scripts for EEG analysis for MATLAB.

**Abbreviations:** LANtoolbox

**Synonyms:** Laboratory of Analysis in Neurosciences Toolbox, EEG Toolbox

**Resource Type:** 1d time-series analysis software, software resource, data analysis software, software toolkit, software application, time-series analysis software, data processing software

Keywords: Neuroscientist, data, EEG, experimental, analysis, code, script

**Funding:** 

Availability: Free, Available for download, Freely available

Resource Name: LAN toolbox

Resource ID: SCR\_017629

**Record Creation Time:** 20220129T080336+0000

Record Last Update: 20250416T063830+0000

## **Ratings and Alerts**

No rating or validation information has been found for LAN toolbox.

No alerts have been found for LAN toolbox.

### **Data and Source Information**

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 2 mentions in open access literature.

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

Figueroa-Vargas A, et al. (2020) Frontoparietal connectivity correlates with working memory performance in multiple sclerosis. Scientific reports, 10(1), 9310.

Billeke P, et al. (2020) Human Anterior Insula Encodes Performance Feedback and Relays Prediction Error to the Medial Prefrontal Cortex. Cerebral cortex (New York, N.Y.: 1991), 30(7), 4011.