Resource Summary Report

Generated by PRECISE-TBI on Aug 2, 2026

Neural Cipher

RRID:SCR_001577
Type: Tool

Proper Citation

Neural Cipher (RRID:SCR_001577)

Resource Information

URL: http://neuronalarchitects.com/neural-cipher.html

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented August 17, 2016. C#.NET 4.0 application that interfaces with the Neural Maestro class library to perform Classical and Bayesian logistic polynomial regression analysis for multiple trial and experimental neuroscience / electrophysiological datasets. The idea is to build a neural feature extractor to plug into a neural recognition network based on recordings from patch clamps and/or brain computer interfaces. Frequency based feature sets are collected from the simulation of neuronal cell assemblies and examined for inclusion in combinatorial regressions using the Neural Maestro API. Regressions are evaluated based on different metrics. The application interfaces with a R and MATLAB API and produces a compendium to be published on CRAN.

Abbreviations: Neural Cipher

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

Keywords: polynomial regression analysis, neuroscience, electrophysiology, recording, patch clamp, brain computer interface, r, matlab, eeg, neuron, classical, bayesian, logistic, multiple trial, experiment

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Neural Cipher

Resource ID: SCR_001577

Alternate IDs: nlx_153815

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260803T040305+0000

Ratings and Alerts

No rating or validation information has been found for Neural Cipher.

No alerts have been found for Neural Cipher.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.