

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## Time-resolved and time-scale adaptive measures of spike train synchrony

RRID:SCR\_001667

Type: Tool

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### Proper Citation

Time-resolved and time-scale adaptive measures of spike train synchrony  
(RRID:SCR\_001667)

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### Resource Information

**URL:** <https://pubmed.ncbi.nlm.nih.gov/21129402/>

**Proper Citation:** Time-resolved and time-scale adaptive measures of spike train synchrony (RRID:SCR\_001667)

**Description:** Source code that allows you to calculate the different measures used in Kreuz T, Chicharro D, Greschner M, Andrzejak RG (2011): Time-resolved and time-scale adaptive measures of spike train synchrony, <http://www.sciencedirect.com/science/article/pii/S0165027010006564>. Journal of Neuroscience Methods, 195, 92-106 & Kreuz T, Chicharro D, Andrzejak RG, Haas JS, and Abarbanel HDI (2009) Measuring multiple spike train synchrony. Journal of Neuroscience Methods 183:287-299 <http://www.sciencedirect.com/science/article/pii/S0165027009003616>

**Abbreviations:** Time-resolved and time-scale adaptive measures of spike train synchrony

**Resource Type:** software resource, source code

**Defining Citation:** [PMID:21129402](#), [PMID:19591867](#)

**Keywords:** synchrony, spike train, time series analysis, synchronization, clustering, neuronal coding

**Funding:** Marie Curie Individual Outgoing Fellowship ;  
Spanish Ministry of Education and Science BFU2007-61710;  
European Social Fund 2008FI-B 00460

**Availability:** Free, Freely Available

**Resource Name:** Time-resolved and time-scale adaptive measures of spike train synchrony

**Resource ID:** SCR\_001667

**Alternate IDs:** nlx\_153991

**Record Creation Time:** 20220129T080208+0000

**Record Last Update:** 20260905T133322+0000

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## Ratings and Alerts

No rating or validation information has been found for Time-resolved and time-scale adaptive measures of spike train synchrony.

No alerts have been found for Time-resolved and time-scale adaptive measures of spike train synchrony.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Rabinowitch TC, et al. (2015) Synchronous rhythmic interaction enhances children's perceived similarity and closeness towards each other. PloS one, 10(4), e0120878.