

# Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

## Reliable detection of directional couplings using rank statistics

RRID:SCR\_001662

Type: Tool

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### Proper Citation

Reliable detection of directional couplings using rank statistics (RRID:SCR\_001662)

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### Resource Information

**URL:** <https://journals.aps.org/pre/abstract/10.1103/PhysRevE.80.026217>

**Proper Citation:** Reliable detection of directional couplings using rank statistics (RRID:SCR\_001662)

**Description:** Source code that allows you to calculate the different measures used in Chicharro D, Andrzejak RG (2009): Reliable detection of directional couplings using rank statistics. Physical Review E, 80, 026217.

**Abbreviations:** Reliable detection of directional couplings using rank statistics

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

**Defining Citation:** [PMID:19792241](#)

**Keywords:** directional coupling, time series, rank statistics, normalization, experimental signal

**Availability:** Free, Freely Available

**Resource Name:** Reliable detection of directional couplings using rank statistics

**Resource ID:** SCR\_001662

**Alternate IDs:** nlx\_153987

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

**Record Last Update:** 20260804T043130+0000

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### Ratings and Alerts

No rating or validation information has been found for Reliable detection of directional couplings using rank statistics.

No alerts have been found for Reliable detection of directional couplings using rank statistics.

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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 [RRID](#) .

Morris EL, et al. (2021) Single-cell transcriptomics of suprachiasmatic nuclei reveal a Prokineticin-driven circadian network. The EMBO journal, 40(20), e108614.