

Resource Summary Report

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ICA (Independent Component Analysis) for dummies

RRID:SCR_010673

Type: Tool

Proper Citation

ICA (Independent Component Analysis) for dummies (RRID:SCR_010673)

Resource Information

URL: <http://sccn.ucsd.edu/~arno/indexica.html>

Proper Citation: ICA (Independent Component Analysis) for dummies (RRID:SCR_010673)

Description: ICA is a quite powerful technique and is able (in principle) to separate independent sources linearly mixed in several sensors. For instance, when recording electroencephalograms (EEG) on the scalp, ICA can separate out artifacts embedded in the data (since they are usually independent of each other). This page intends to explain ICA to researchers that want to understand it but only have a weak background both in matrix computation and information theory. Arnaud Delorme's explanations are as intuitive as possible and based on practical examples from Matlab. He would value your feedback on this page.

Synonyms: ICA for dummies

Resource Type: data or information resource, narrative resource

Resource Name: ICA (Independent Component Analysis) for dummies

Resource ID: SCR_010673

Alternate IDs: nlx_83726

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260912T200247+0000

Ratings and Alerts

No rating or validation information has been found for ICA (Independent Component Analysis) for dummies.

No alerts have been found for ICA (Independent Component Analysis) for dummies.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.