# Resource Summary Report

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## Iterative dual-regression with sparse prior

RRID:SCR_014128
Type: Tool

### Proper Citation

Iterative dual-regression with sparse prior (RRID:SCR_014128)

### Resource Information

**URL:** http://www.nitrc.org/projects/iterdrwsp/

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**Description:** Software which aims to better estimate the neuronal activation of an individual using the results of an independent component analysis (ICA) method applied to a temporally concatenated group of functional magnetic resonance imaging (fMRI) data (i.e., Tc-GICA method). This approach employs iterative LS solutions to refine both the individual SPs and TCs with an additional a priori assumption of sparseness in the SPs (i.e., minimally overlapping SPs) based on L(1)-norm minimization.

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

**Defining Citation:** PMID:22939873

**Keywords:** data analysis software, neuronal activation, independent component analysis, ica, fmri

**Availability:** Available for download

**Resource Name:** Iterative dual-regression with sparse prior

**Resource ID:** SCR_014128

**License:** BSD License

**Record Creation Time:** 20220129T080319+0000

**Record Last Update:** 20260821T194012+0000

### Ratings and Alerts

No rating or validation information has been found for Iterative dual-regression with sparse prior.

No alerts have been found for Iterative dual-regression with sparse prior.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We have not found any literature mentions for this resource.