

Resource Summary Report

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Feature-specific Information Transfer scripts

RRID:SCR_024772

Type: Tool

Proper Citation

Feature-specific Information Transfer scripts (RRID:SCR_024772)

Resource Information

URL: https://github.com/mcelotto/Feature_Info_Transfer

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Description: Software application as MATLAB scripts to compute measures of Feature-specific Information Transfer (FIT) and conditional FIT (cFIT). FIT quantifies direction and magnitude of information flow about specific feature S (such as feature of sensory stimulus) between simultaneously recorded brain regions X and Y. cFIT quantifies amount of directed feature information transmitted between regions X and Y that cannot be potentially routed through region Z.

Resource Type: software resource, source code

Defining Citation: [PMID:37398375](#)

Keywords: MATLAB scripts, compute measures of Feature-specific Information Transfer, FIT, conditional FIT, cFIT,

Funding: European Unions Horizon 2020 Framework Programme for Research and Innovation ;

NINDS U19 NS107464;

NINDS R01 NS109961;

NINDS R01 NS108410;

Simons Foundation

Availability: Free, Available for download, Freely available

Resource Name: Feature-specific Information Transfer scripts

Resource ID: SCR_024772

License: MIT License

Record Creation Time: 20231212T050231+0000

Ratings and Alerts

No rating or validation information has been found for Feature-specific Information Transfer scripts.

No alerts have been found for Feature-specific Information Transfer scripts.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lemke SM, et al. (2024) Information flow between motor cortex and striatum reverses during skill learning. Current biology : CB, 34(9), 1831.