AGN-SCCA Documentation

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Introduction

This documentation contains the code that implements the AGN-SCCA algorithm in paper titled "Structured Sparse Canonical Correlation Analysis for Brain Imaging Genetics: An Improved GraphNet Method".

License

AGN-SCCA uses GNU General Public License (GPL). The license description is included in the software package. Please review and accept the license before installing AGN-SCCA via any source.

Download

Software

- Available at http://www.iu.edu/~shenlab/tools/angscca/

The software.zip package consists of five subfolders.

- data: Synthetic data matrices X, Y
- data_preprocessing: Functions used for data preprocessing
- example: An example function for demonstrating the code
- scca_code: The implementation of the AGN-SCCA algorithm
- license: The license description.

To test the software, perform the following two steps.

1. Launch matlab, go to "example" folder.
2. Run "agn_scca_example.m".