Solar Eclipse Imaging Genetics tools

RRID:SCR_009645
Type: Tool

Proper Citation

Solar Eclipse Imaging Genetics tools (RRID:SCR_009645)

Resource Information

URL: http://www.nitrc.org/projects/se_linux/

Description: Software tools optimized for performing univariate and multivariate imaging genetics analyses while providing practical correction strategies for multiple testing. The goal of this project is to merge two important research directions in modern science, genetics and neuroimaging. This entails combining modern statistical genetic methods and quantitative phenotyping performed with high dimensional neuroimaging modalities. So far, however, standard imaging tools are unable to deal with large-scale genetics data, and standard genetics tools, in turn, are unable to accommodate large size and binary format of the image data. Their focus is to create imaging genetics tools for classical genetic and epigenetic epidemiological analyses such as heritability, pleiotropy, quantitative trait loci (QTL) and genome-wide association (GWAS), gene expression, and methylation analyses optimized for traits derived from structural and functional brain imaging data

Resource Name: Solar Eclipse Imaging Genetics tools

Proper Citation: Solar Eclipse Imaging Genetics tools (RRID:SCR_009645)

Resource Type: Resource, software resource, software application

Keywords: c++, genetic association, genomic analysis, gifti, imaging genomics, linux, lioni pipeline, macos, microsoft, nifti, posix/unix-like, snp, gene, windows, windows xp, genetics, neuroimaging, heritability, pleiotropy, quantitative trait loci, genome-wide association, gene expression, methylation, trait, structural neuroimaging, functional neuroimaging, brain imaging

Resource ID: SCR_009645

Availability: Free, Non-commercial, Open Software License, v3,
Website Status: Last checked up

Alternate IDs: nlx_155966

Abbreviations: Solar Eclipse Imaging Genetics tools

Mentions Count: 11

Ratings and Alerts
No rating or validation information has been found for Solar Eclipse Imaging Genetics tools.
No alerts have been found for Solar Eclipse Imaging Genetics tools.

Data and Source Information
Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch Infrastructure.


