# **Resource Summary Report**

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# Mixed Effect Model of Genetic-Set and Environment Interaction

RRID:SCR\_015514 Type: Tool

**Proper Citation** 

Mixed Effect Model of Genetic-Set and Environment Interaction (RRID:SCR\_015514)

## **Resource Information**

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

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**Description:** MATLAB Toolbox which provides a mixed effect model for gene-environment interaction (MixGE) on neuroimaging phenotypes, such as structural volumes and tensor-based morphometry (TBM). This model incorporates both fixed and random effects of genetic-set and environment interaction in order to investigate homogeneous and heterogeneous contributions of sets of genetic variants and their interactions with environmental risks to phenotypes.

**Synonyms:** Mixed Effect Model of Genetic Set and Environment Interaction, Mixed Effect Model of Genetic Set and Environment Interaction Toolbox, MixGE Toolbox

Resource Type: model, software resource, data or information resource, software toolkit

**Keywords:** gene environment interaction, gene environment interaction model, neuroimaging phenotype

**Funding:** Singapore National Research Foundation Singapore-NMRC/TCR/004-NUS/2008; Singapore National Research Foundation Singapore-NMRC/TCR/012-NUHS/2014; Singapore Ministry of Health National Medical Research Council NMRC/CBRG/0039/2013; Singapore Ministry of Education Academic Research Fund Tier 2 MOE2012-T2-2-130

Availability: Free for non-commercial use

Resource Name: Mixed Effect Model of Genetic-Set and Environment Interaction

Resource ID: SCR\_015514

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Record Last Update: 20250513T061650+0000

#### **Ratings and Alerts**

No rating or validation information has been found for Mixed Effect Model of Genetic-Set and Environment Interaction.

No alerts have been found for Mixed Effect Model of Genetic-Set and Environment Interaction.

Data and Source Information

Source: <u>SciCrunch Registry</u>

### **Usage and Citation Metrics**

We have not found any literature mentions for this resource.