

# Resource Summary Report

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## SPREG

RRID:SCR\_013261

Type: Tool

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### Proper Citation

SPREG (RRID:SCR\_013261)

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### Resource Information

**URL:** <http://dlin.web.unc.edu/software/spreg-2/>

**Proper Citation:** SPREG (RRID:SCR\_013261)

**Description:** Software program for performing regression analysis of secondary phenotype data in case-control association studies. Secondary phenotypes are quantitative or qualitative traits other than the case-control status. Because the case-control sample is not a random sample of the general population, standard statistical analysis of secondary phenotype data can yield very misleading results. SPREG implements valid and efficient statistical methods. (entry from Genetic Analysis Software)

**Abbreviations:** SPREG

**Synonyms:** Secondary Phenotype REGression analysis

**Resource Type:** software resource, software application

**Keywords:** gene, genetic, genomic, c

**Resource Name:** SPREG

**Resource ID:** SCR\_013261

**Alternate IDs:** nlx\_154660

**Record Creation Time:** 20220129T080315+0000

**Record Last Update:** 20260801T191103+0000

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### Ratings and Alerts

No rating or validation information has been found for SPREG.

No alerts have been found for SPREG.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zhu W, et al. (2017) Genome-wide association analysis of secondary imaging phenotypes from the Alzheimer's disease neuroimaging initiative study. *NeuroImage*, 146, 983.

Kim J, et al. (2015) A cautionary note on using secondary phenotypes in neuroimaging genetic studies. *NeuroImage*, 121, 136.