

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 2, 2026

## Sandwich Estimator Toolbox

RRID:SCR\_019279

Type: Tool

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### Proper Citation

Sandwich Estimator Toolbox (RRID:SCR\_019279)

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### Resource Information

**URL:** <http://www.nisox.org/Software/SwE/>

**Proper Citation:** Sandwich Estimator Toolbox (RRID:SCR\_019279)

**Description:** Software tool as SPM extension for longitudinal and repeated measures data. Modelling of longitudinal and repeated measures neuroimaging data. Implemented as Matlab toolbox for SPM8 or SPM12.

**Abbreviations:** SwE

**Resource Type:** software toolkit, data analysis software, software application, software resource, data processing software

**Defining Citation:** [PMID:24650594](#)

**Keywords:** Longitudinal data, repeated measures data, neuroimaging data, SPM12, SPM8

**Availability:** Free, Available for download, Freely available

**Resource Name:** Sandwich Estimator Toolbox

**Resource ID:** SCR\_019279

**Alternate URLs:** <https://github.com/NISOx-BDI/SwE-toolbox/releases>,  
<http://warwick.ac.uk/tenichols/SwE>

**Record Creation Time:** 20220129T080344+0000

**Record Last Update:** 20260801T190757+0000

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### Ratings and Alerts

No rating or validation information has been found for Sandwich Estimator Toolbox.

No alerts have been found for Sandwich Estimator Toolbox.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Kl??bl M, et al. (2025) A large-scale multimodal investigation of the interplay between the serotonergic system and emotion processing. Translational psychiatry, 15(1), 196.

Haihambo N, et al. (2024) Exciting the social butterfly: Anodal cerebellar transcranial direct current stimulation modulates neural activation during predictive social mentalizing. International journal of clinical and health psychology : IJCHP, 24(3), 100480.

Styliadis C, et al. (2021) Atypical spatiotemporal activation of cerebellar lobules during emotional face processing in adolescents with autism. Human brain mapping, 42(7), 2099.

Kim-Spoon J, et al. (2021) Maltreatment and brain development: The effects of abuse and neglect on longitudinal trajectories of neural activation during risk processing and cognitive control. Developmental cognitive neuroscience, 48, 100939.

Mak E, et al. (2021) Proximity to dementia onset and multi-modal neuroimaging changes: The prevent-dementia study. NeuroImage, 229, 117749.

Ziegler G, et al. (2019) Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. Nature neuroscience, 22(6), 992.

Fiford CM, et al. (2018) Patterns of progressive atrophy vary with age in Alzheimer's disease patients. Neurobiology of aging, 63, 22.