

# Resource Summary Report

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## [brainageR](#)

RRID:SCR\_026826

Type: Tool

### Proper Citation

brainageR (RRID:SCR\_026826)

### Resource Information

**URL:** <https://github.com/james-cole/brainageR>

**Proper Citation:** brainageR (RRID:SCR\_026826)

**Description:** Software R tool for generating brain-predicted age value, using Gaussian Processes regression. Used for generating brain-predicted age value from raw T1-weighted MRI scan.

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

**Keywords:** generating brain-predicted age value, raw T1-weighted MRI scan,

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

**Resource Name:** brainageR

**Resource ID:** SCR\_026826

**License:** LGPL-3.0

**Record Creation Time:** 20250422T055241+0000

**Record Last Update:** 20260815T042924+0000

### Ratings and Alerts

No rating or validation information has been found for brainageR.

No alerts have been found for brainageR.

### Data and Source Information

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

## Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Geoly AD, et al. (2026) Increased cortical thickness and decreased brain age among special operations veterans with blast TBI after a magnesium-ibogaine protocol. *iScience*, 29(3), 115121.

Narula V, et al. (2026) The impact of balance exercise on brain age and brain morphometry: insights from MRI analysis. *Aging clinical and experimental research*, 38(1), 71.

Pyrgioti M, et al. (2026) Multimodal Ageing Biomarkers and Plasma Proteomic Signatures Associated with All-Cause Mortality. *medRxiv : the preprint server for health sciences*.

Shin YS, et al. (2026) Neuroanatomical patterns of dementia risk in autism spectrum disorder. *Frontiers in aging neuroscience*, 18, 1771822.

Wylie GR, et al. (2026) The differential effect of chronological age and brain age on cognitive fatigue: new metrics, new insights. *Journal of neurology*, 273(1), 63.

Qin Y, et al. (2026) One-month early time-restricted eating mitigates brain aging and enhances memory in males with metabolic syndrome: an MRI structural study. *Frontiers in aging*, 7, 1752738.

Cai M, et al. (2025) Advanced brain aging, selective vulnerability in gray matter, and cognition in Parkinson's disease. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 80(9).

Abeyasinghe PM, et al. (2025) Brain Age as a New Measure of Disease Stratification in Huntington's Disease. *Movement disorders : official journal of the Movement Disorder Society*, 40(4), 627.

Posis AIB, et al. (2025) Associations of history of traumatic brain injury with markers of brain health among older men in the Vietnam Era Twin Study of Aging. *NeuroImage. Clinical*, 47, 103831.

Adkins DJ, et al. (2025) Racial and Ethnic Disparities in Brain Age Algorithm Performance: Investigating Bias Across Six Popular Methods. *medRxiv : the preprint server for health sciences*.

Fagiani F, et al. (2025) Spatially-restricted inflammation-induced senescent-like glia in multiple sclerosis and patient-derived organoids. *Nature communications*, 16(1), 8477.

Temp AGM, et al. (2025) The role of cognitive and brain reserve in the clinical presentation and progression of amyotrophic lateral sclerosis. *Scientific reports*, 15(1), 20232.

Bos L, et al. (2025) Repeatability and reproducibility of brain age estimates in multiple sclerosis for three publicly available models. *Neuroimage. Reports*, 5(2), 100252.

Kim M, et al. (2025) Buffering brain aging: education moderates language impairment in Parkinson's disease. *Frontiers in cellular neuroscience*, 19, 1606451.

Cruz-Almeida Y, et al. (2025) Brain aging among individuals with trigeminal neuralgia. *Neurobiology of pain (Cambridge, Mass.)*, 18, 100201.

Yilmaz D, et al. (2025) Brain age gap reduction following exercise mirrors clinical improvements in schizophrenia spectrum disorders. *NeuroImage. Clinical*, 48, 103881.

Heffernan KS, et al. (2025) Association between low-frequency oscillations in blood pressure variability and brain age derived from neuroimaging. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(10), e70833.

Gallagher I, et al. (2025) Hidden risk: Latent cognitive profiles and structural brain age reveal vulnerability in midlife metabolic syndrome. *Journal of the International Neuropsychological Society : JINS*, 31(9-10), 1.

Shi Z, et al. (2025) Accelerated brain aging in alcohol users: Insights from machine learning. *Alcohol, clinical & experimental research*, 49(6), 1181.

Wisch JK, et al. (2025) Cross-Sectional Comparison of Structural MRI Markers of Impairment in a Diverse Cohort of Older Adults. *Human brain mapping*, 46(2), e70133.